

Fortsetzung

1.

4.I(I)A(I)I(I). ([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))]
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))]
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))]
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])

((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])

((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))]

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))]

((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))

((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))]

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])])

([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])

(([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
(([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I]))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
4.I(I)A(I)4. ([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I]))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
(([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I))))

([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])])

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
4.I(I)A(I)5. ([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))]

((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I))))

((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))

((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))]

((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])

([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])])

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])

([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I]))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])

([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I]))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])

(([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
(([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I))))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I))))
(([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
(([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
(([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
(([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
(([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
4.I(I)A(I)6. ([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I]))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])]

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I]))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I))))

((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I))))

((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]

(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])

([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])])

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])

([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I]))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I))])

([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A]))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))]

([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A]))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))

([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
4.I(I)A(I)7. ([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])

((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])

((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))]

((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I]))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I))))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])

((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))

((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))

((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A]))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]

([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])

([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])

([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])])

([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]

([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I]))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I]))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
4.I(I)A(I)8. ([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)]))

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I]))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A))))

((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I))))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])

([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])])

([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])

([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]

([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])

([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])

([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))

([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I]))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I]))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])

([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
4.I(I)A(I)9. ([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)]))

((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)]))

((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])

((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])

((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))

((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)]))

((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])

((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])

([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])

([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])])

([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))

([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))]

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A]))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I]))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
4.I(I)I(A)0. ([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)]))

((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])]

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)]))

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I]))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))

((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
(([A(I).A(I), I(A).A(I)]), (A(I).A(I), I(A).A(I)]))
(([A(I).A(I), I(A).A(I)]), (A(I).A(I), I(A).I(A)]))
(([A(I).A(I), I(A).A(I)]), (A(I).A(I), I(A).I(I)]))

([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])])

([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])

([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])

([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))

([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I]))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])

([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I]))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])

([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
4.I(I)I(A)A(I). ([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)]))

((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))

((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I]))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I]))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))

((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))

((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])

([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])])

([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])

([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))

([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))]

([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])

([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))]

([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A]))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))

([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A]))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])

(([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
(([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
(([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
(([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
(([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])])
(([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
(([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A))))

([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])

([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
4.I(I)I(A)I(A). ([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))]

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))

((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A))))

((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))]

((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])

([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])

([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))])

([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])])

([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))

([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I]))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])

([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I]))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])

([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I]))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
4.I(I)I(A)I(I). ([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])

((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])

((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I]))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])

((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))]

((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I]))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])

([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])

([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])

([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))]

([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])

([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])])

([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])

([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]

([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])

([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))]

([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A]))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))

([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))]

([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
4.I(I)I(A)4. ([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)]))

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))]

((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I))))

((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))

((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))]

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)]))

((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))]

([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])

([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]

([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])

([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])

([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))

([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A))])

([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I]))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

5. Abgeschlossene Zeichenkonnexe

5.A(I). ([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))]

((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])

((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))

((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))

((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))

((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A))))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A))))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])

([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])])

([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))])

([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])

([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))]

([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))])

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])

([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I]))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])

(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
(([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A))))
(([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I))))
(([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
(([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
(([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
(([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
5.I(A). ([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))))

((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I]))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))

((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I]))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I))])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A))])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I))])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I))])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I))])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I))))

((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))

((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])

((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])

((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))

([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])

([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))]

([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))

([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A]))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A]))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))]

([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
5.I(I). ([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])

((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))]

((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I))))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I))))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))

((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])

((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])

([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])

([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])]

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))]

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))]

([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])

([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I]))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

5.4. ([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)]))

((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I]))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])])

((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))))

((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A]))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])

((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))

((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))

((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)]))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I))))

((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])

([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])]

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])

([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])

([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I]))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))

([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A]))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))]

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
5.5. ([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)]))

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I))))

((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))

((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))

((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A]))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)]))

((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
(([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
(([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])

([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])

([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])])

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])]

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A]))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])

([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I]))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))]

([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

5.6. ([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])

((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])

((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)]))

((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])

((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I]))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I]))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])

((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I))])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A))))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])

((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))

((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])

((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))

((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I))))

((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))

((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])

([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))]

([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]

([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])

([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])

([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]

([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])

([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I]))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))

([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])

([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
5.7. ([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)]))

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))))

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I]))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])

((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])

((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I))))

((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])

((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I))))

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A))))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I))))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I))))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])])

([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))])

([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])

([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])

([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])])

([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A]))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))]

([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A]))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])

([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])

([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I))])

5.8. ($[A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A))$)

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))$

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))$

$((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))$

$((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))$

$((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])$

$((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])$

$((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])$

$((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])$

$((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])$

$((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])$

((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))

((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))])

((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))

((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))]

((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))]

((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))

((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I))))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A))))

((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)]))

((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))

((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))

((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])

((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))

((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))

((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])

((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))]

((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))

((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])

([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])]
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))])

([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))

([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])

([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])

([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])

([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])

([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])])

([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])

([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I]))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))])

([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))])

([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))

([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])

(([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
(([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I))))
(([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A))))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)]))
(([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)]))

([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I]))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))

([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A))])
5.9. ([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))))

((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I]))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
((A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
((A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])]

((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(I]))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A]))
((A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I)))

((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I)])

((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))

((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])

((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))

((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))

((A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])

((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))

((A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])

((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)]))

((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A))])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I))])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])])
((A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])])
((A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)])])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A))))
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I))))

((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)]))
((A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)]))
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)]))

((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)]))

((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)))
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))

((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I]))
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).A(I)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)]))
((A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)]))
((A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I))))

((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)]))

((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
((A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))

((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
((A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
(([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
(([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I))))

([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).A(I)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).A(I))]
([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])

([A(I).A(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).A(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).A(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])

([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))]

([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), (A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])

([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A))])

([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(A)])])
([A(I).I(A), I(A).A(I)), [A(I).I(I), I(A).I(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).A(I)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(A)])])
([A(I).I(A), I(A).I(A)), (A(I).A(I), I(A).I(I)])])

([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), (A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(A), I(A).I(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(A), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I)))

([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), (A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A))])

([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I))])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).A(I)), (A(I).I(A), I(A).I(I))])

([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I)))

([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), (A(I).I(A), I(A).I(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).A(I))]
([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(A)])

([A(I).I(I), I(A).I(A)), [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)), [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).A(I), I(A).I(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(A), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).A(I))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(A))]
([A(I).I(I), I(A).I(I)), (A(I).I(I), I(A).I(I))])

([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I))])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(A))])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).A(I), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(A)])])
([A(I).I(I), I(A).I(I)), [A(I).I(A), I(A).I(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).A(I)])])
([A(I).I(I), I(A).I(I)), [A(I).I(I), I(A).I(I)])])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I))])
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A))])
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I))])

([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])

([A(I).A(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I))])

([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))

([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(A)])
([A(I).A(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(A)])

([A(I).A(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(I))])

([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).A(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).A(I)))

([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(A), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))

([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(I))])

([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(A), I(A).I(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(A), I(A).I(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).A(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).A(I)))

([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], (A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).A(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).A(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))

([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(A)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).A(I), I(A).I(I)])

([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(A), I(A).I(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(A)])
([A(I).I(I), I(A).I(A)], [A(I).I(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], (A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], (A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I))])

([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(A)))
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)))
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).A(I), I(A).I(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(A), I(A).I(A)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).A(I)])
([A(I).I(I), I(A).I(I)], [A(I).I(I), I(A).I(I)])