

Qualitative mengentheoretische Kontinua

1. Im folgenden werden im Anschluß an die Grundlegung einer qualitativen Mengentheorie ortsfunktionaler Zahlen (vgl. Toth 2015a-e) qualitative mengentheoretische Kontinua definiert. Diese dienen v.a. der formalen Beschreibung von adjazenter Abweichung, subjazenter Versetzung und transjazer Verschiebung.

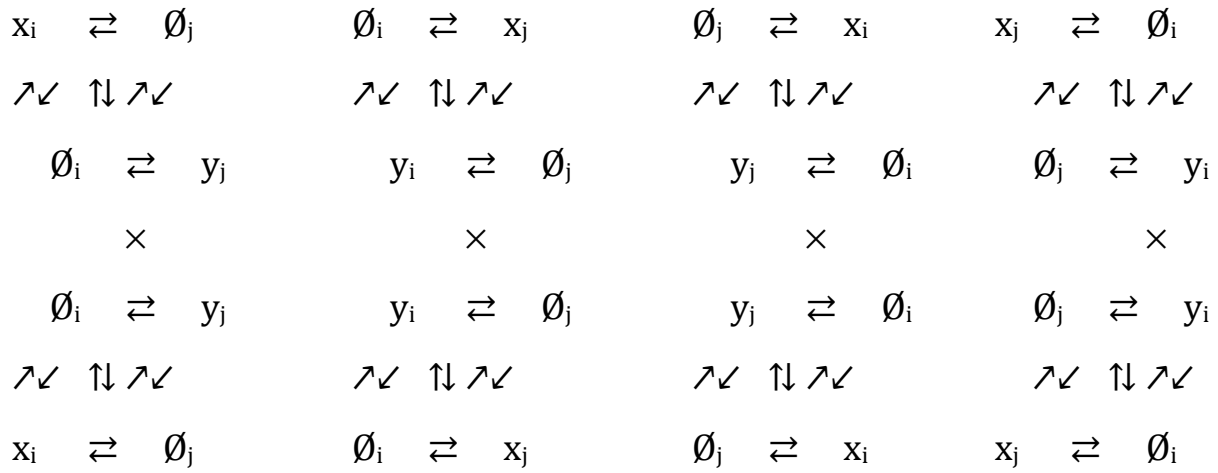
1.1. Adjazente Abweichung

$x_i \rightleftharpoons y_j$	$y_i \rightleftharpoons x_j$	$y_j \rightleftharpoons x_i$	$x_j \rightleftharpoons y_i$
$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$
$\emptyset_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons \emptyset_j$	$\emptyset_j \rightleftharpoons \emptyset_i$	$\emptyset_j \rightleftharpoons \emptyset_i$
$\times$	$\times$	$\times$	$\times$
$\emptyset_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons \emptyset_j$	$\emptyset_j \rightleftharpoons \emptyset_i$	$\emptyset_j \rightleftharpoons \emptyset_i$
$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$
$x_i \rightleftharpoons y_j$	$y_i \rightleftharpoons x_j$	$y_j \rightleftharpoons x_i$	$x_j \rightleftharpoons y_i$

1.2. Subjazente Versetzung

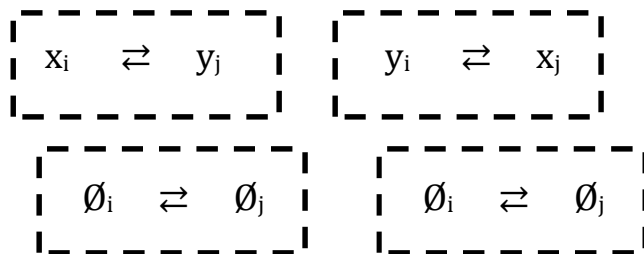
$x_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons x_j$	$\emptyset_j \rightleftharpoons x_i$	$x_j \rightleftharpoons \emptyset_i$
$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$
$y_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons y_j$	$\emptyset_j \rightleftharpoons y_i$	$y_j \rightleftharpoons \emptyset_i$
$\times$	$\times$	$\times$	$\times$
$y_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons y_j$	$\emptyset_j \rightleftharpoons y_i$	$y_j \rightleftharpoons \emptyset_i$
$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$	$\nearrow \swarrow \updownarrow \nearrow \swarrow$
$x_i \rightleftharpoons \emptyset_j$	$\emptyset_i \rightleftharpoons x_j$	$\emptyset_j \rightleftharpoons x_i$	$x_j \rightleftharpoons \emptyset_i$

1.3. Transjazente Verschiebung

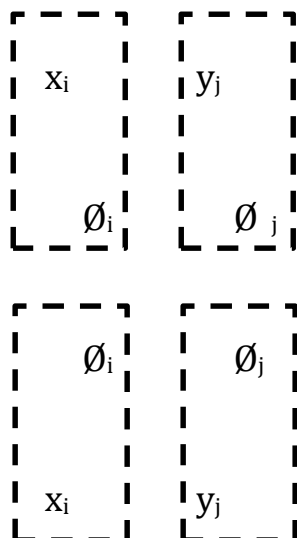


2. Mengentheoretische Kontinua

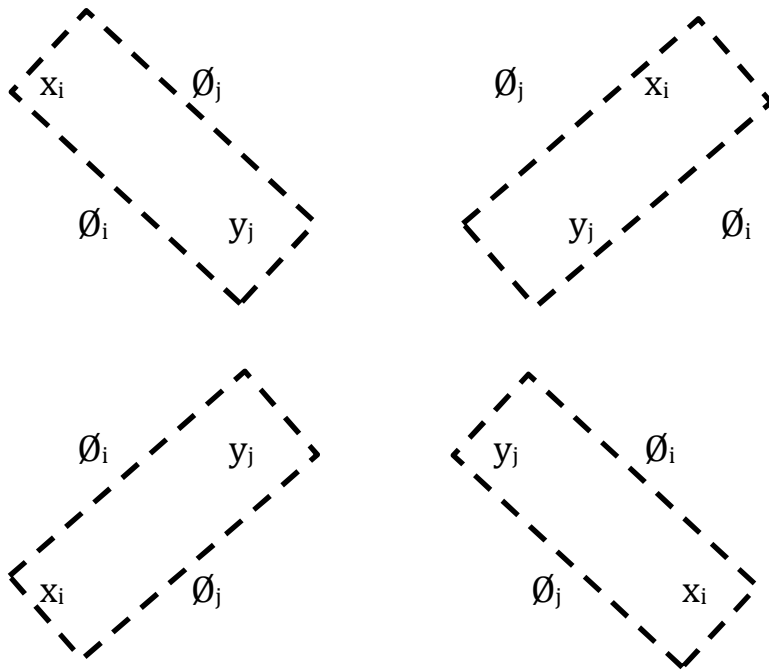
2.1. Horizontale Kontinua



2.2. Vertikale Kontinua



2.3. Diagonale Kontinua



3. Modelle qualitativer mengentheoretischer Kontinua

3.1. Horizontale Kontinua



Rue St-Germain l'Auxerrois, Paris

3.2. Vertikale Kontinua



Rue de Fontarabie, Paris

3.3. Diagonale Kontinua



Rue des Bourdonnais, Paris

Literatur

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1.9.2015