

Prof. Dr. Alfred Toth

## Grundlagen einer qualitativen ontischen Geometrie V

### 2.5. Negativ orthogonale qualitative Additionen

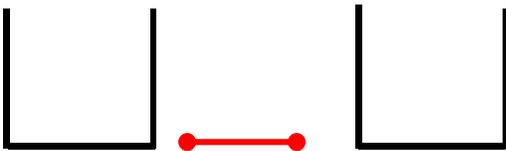
#### 2.5.1. -Orth $\oplus$ -Orth

##### 2.5.1.1. Adjazenz

###### 2.5.1.1.1. Unvermitteltheit

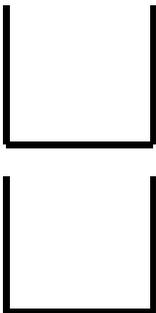


###### 2.5.1.1.2. Vermitteltheit

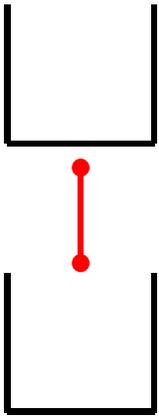


##### 2.5.1.2. Subjazenz

###### 2.5.1.2.1. Unvermitteltheit

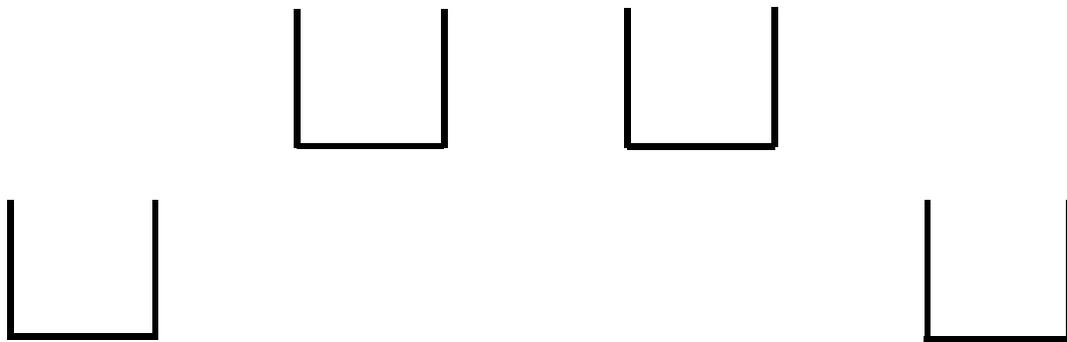


### 2.5.1.2.2. Vermitteltheit

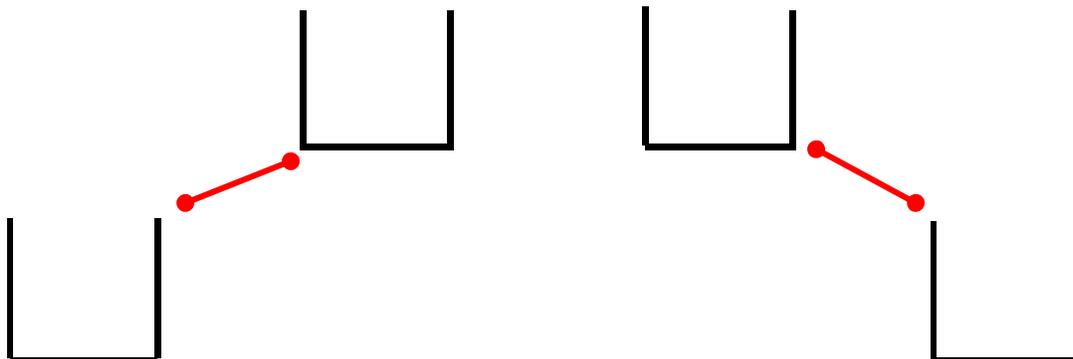


### 2.5.1.3. Transjanzenz

#### 2.5.1.3.1. Unvermitteltheit



#### 2.5.1.3.2. Vermitteltheit



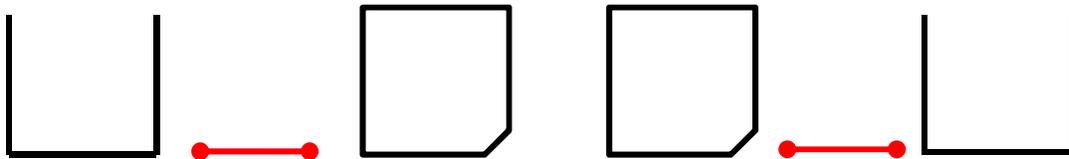
## 2.5.2. -Orth $\oplus$ +Übereck

### 2.5.2.1. Adjazenz

#### 2.5.2.1.1. Unvermitteltheit



#### 2.5.2.1.2. Vermitteltheit

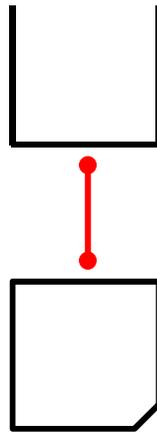
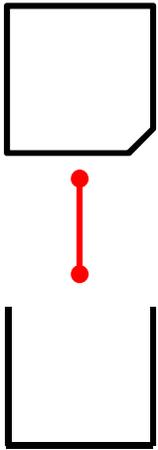


### 2.5.2.2. Subjazen

#### 2.5.2.2.1. Unvermitteltheit

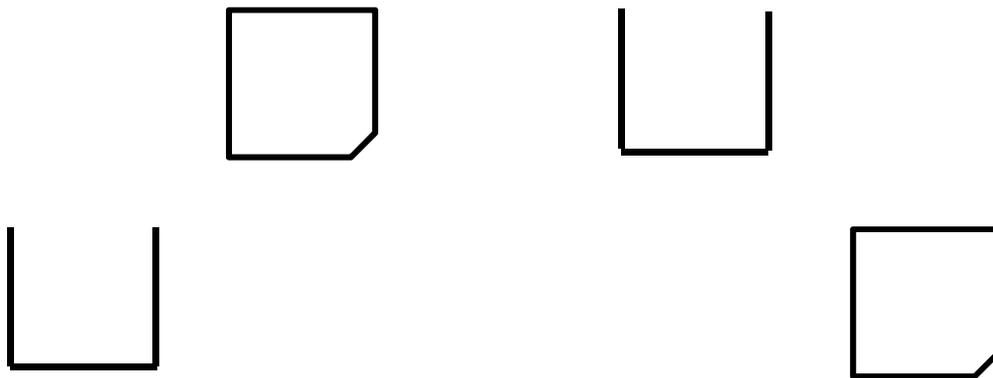


### 2.5.2.2.2. Vermitteltheit

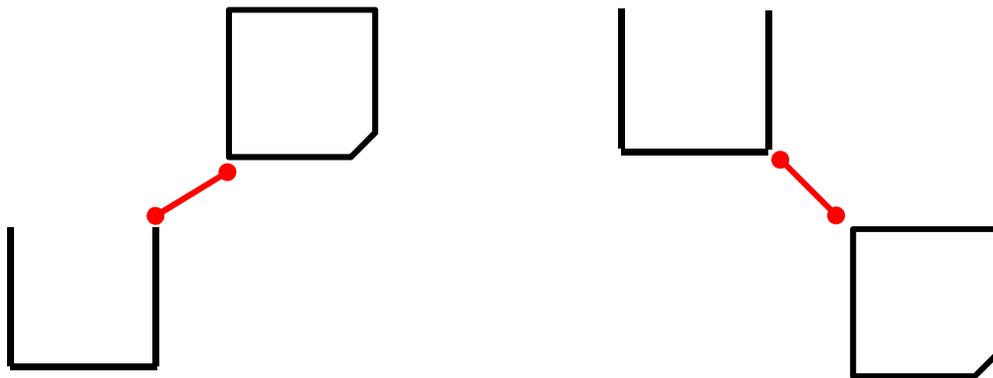


### 2.5.2.3. Transjanzenz

#### 2.5.2.3.1. Unvermitteltheit



#### 2.5.2.3.2. Vermitteltheit



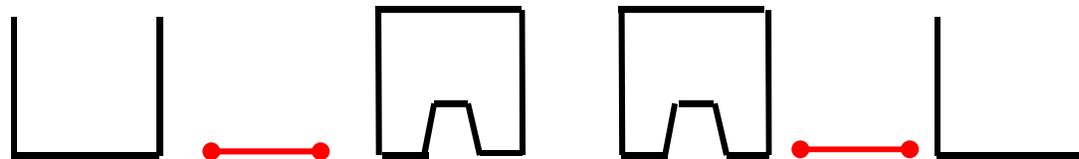
### 2.5.3. -Orth $\oplus$ -Übereck

#### 2.5.3.1. Adjazenz

##### 2.5.3.1.1. Unvermitteltheit



##### 2.5.3.1.2. Vermitteltheit

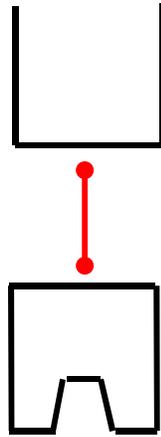
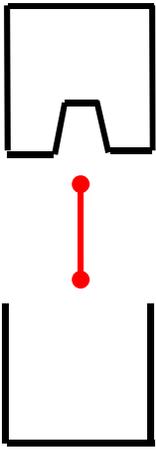


#### 2.5.3.2. Subjazenzen

##### 2.5.3.2.1. Unvermitteltheit

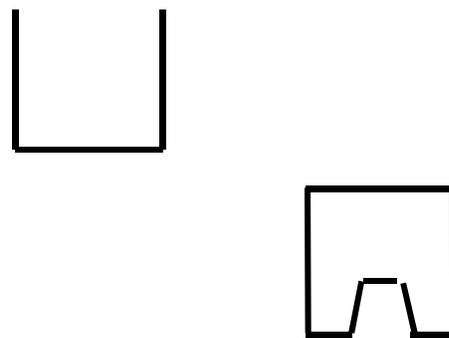
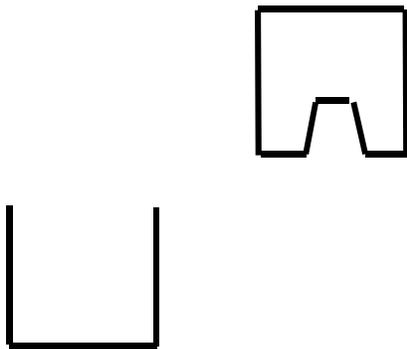


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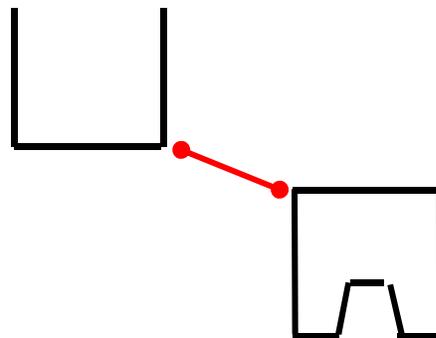
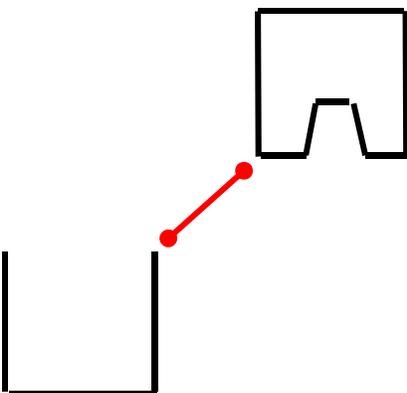


### 2.5.3.3. Transjanzenz

#### 2.5.3.3.1. Unvermitteltheit



#### 2.5.3.3.2. Vermitteltheit



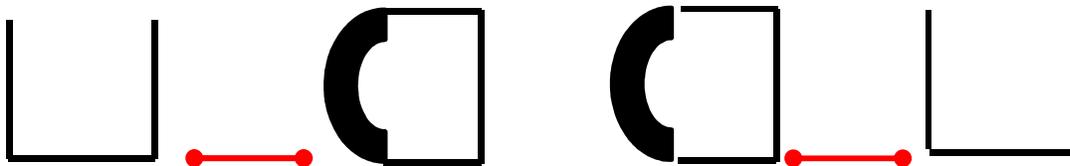
## 2.5.4. -Orth $\oplus$ Konv

### 2.5.4.1. Adjazenz

#### 2.5.4.1.1. Unvermitteltheit



#### 2.5.4.1.2. Vermitteltheit

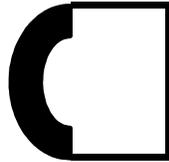
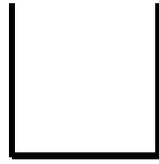
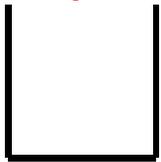
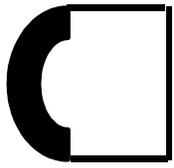


### 2.5.4.2. Subjazenz

#### 2.5.4.2.1. Unvermitteltheit

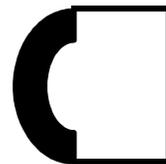
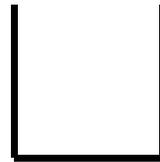
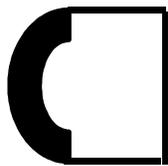
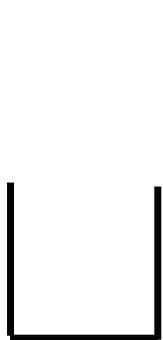


### 2.5.4.2.2. Vermitteltheit

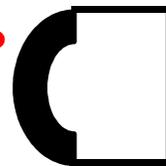
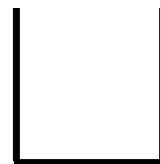
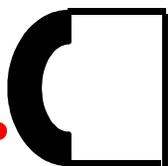
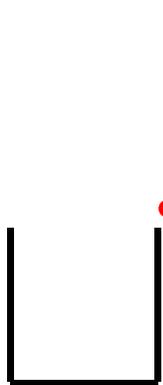


### 2.5.4.3. Transjrenz

#### 2.5.4.3.1. Unvermitteltheit



#### 2.5.4.3.2. Vermitteltheit



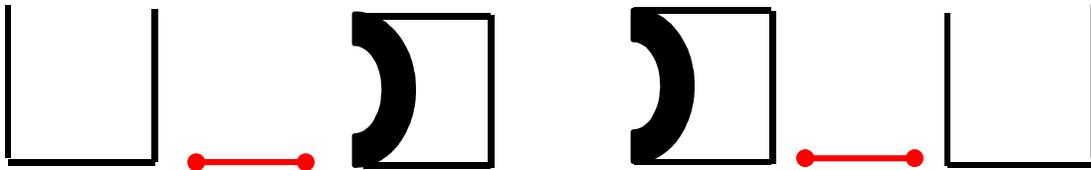
2.5.5. -Orth  $\oplus$  Konk

2.5.5.1. Adjazenz

2.5.5.1.1. Unvermitteltheit



2.5.5.1.2. Vermitteltheit

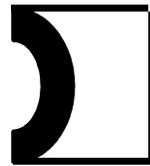
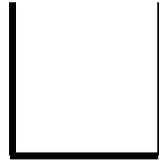
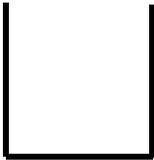
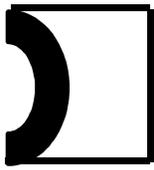


2.5.5.2. Subjazenz

2.5.5.2.1. Unvermitteltheit

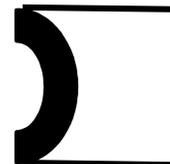
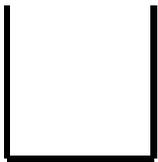
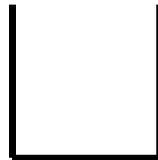
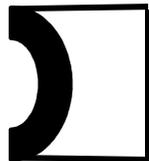


### 2.5.5.2.2. Vermitteltheit

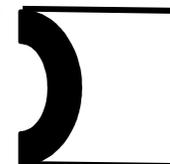
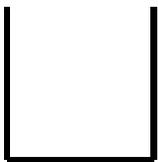
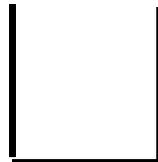
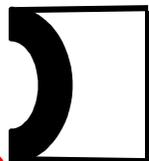


### 2.5.5.3. Transjrenz

#### 2.5.5.3.1. Unvermitteltheit



#### 2.5.5.3.2. Vermitteltheit



## Literatur

Toth, Alfred, Grundlagen einer qualitativen ontischen Geometrie I-IV. In:  
Electronic Journal for Mathematical Semiotics, 2015

3.10.2015