## Morphologische Operatoren

A UTK

GT

470

 $(x,y) \in \mathbb{Z}^2$   $A \subset \mathbb{Z}^2$ 

A= { (M), (2M), (2M(12), (13)}

 $A^{c} = \{ w \mid w \notin A \}$   $A - B = \{ w \mid w \in A, w \notin B \}$   $B = \{ w \mid w = -b, b \in B \}$   $(A)_{z} = \{ c \mid C = a + z, a \in A \}$ 

UTK

A-B
UTK

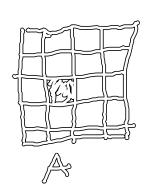
An B

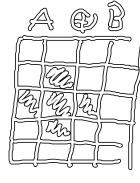
Cit

Dilatation

A @ B = {z| (B)<sub>z</sub> n A fØ}

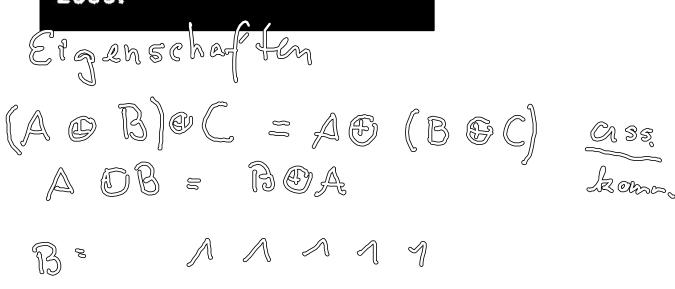
CAA B= { (0,0), (-9,0), (1,0), (0,4)





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A AA B= A @ (B, o B) = = (A & B<sub>1</sub> ) & B<sub>2</sub>