

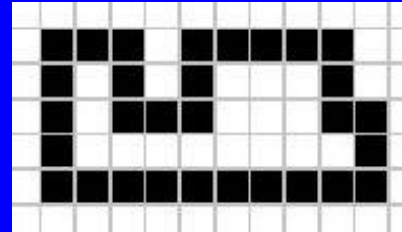
Solution

a)

$$A \odot B$$



$$\beta(A)$$



This is the boundary
extracted by taking the set
difference of A and its
erosion