

Grayscale Erosion





Grayscale Dilation



Remark



Flat Erosion



$$F \oplus B(x) = \bigvee F(h)$$

Flat

Grayscale Morphology



ORIGINAL







Grayscale Opening









Can we automatically extract the largest **connected component** (the woman's body) in this image ?



CONNECTED OPERATORS !!

An Application - Target Detection











An Application: Target Detection



MORPHOLOGICAL RECONSTRUCTION



An Application: Target Detection



FINAL RESULT



Incorrectly detected target