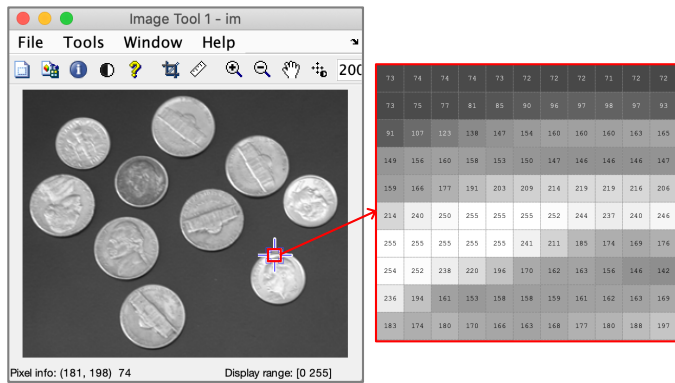
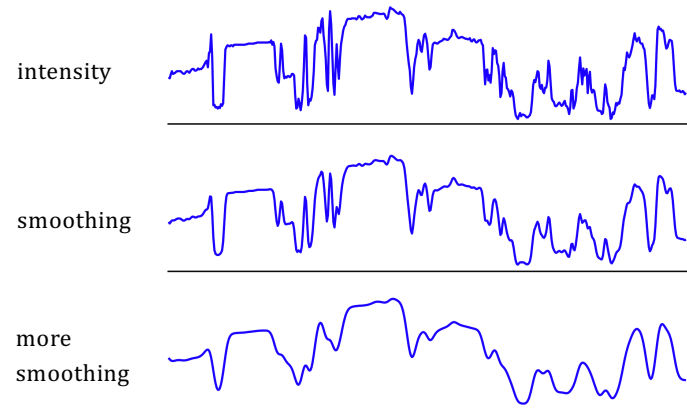


Detecting intensity changes in a digital image



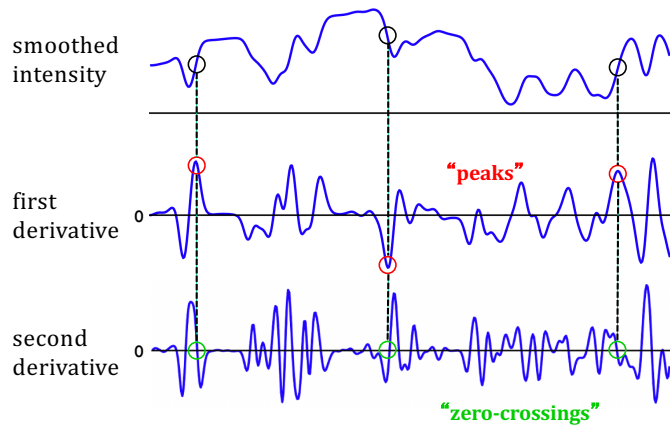
1

Smoothing image intensity to reduce noise + set scale



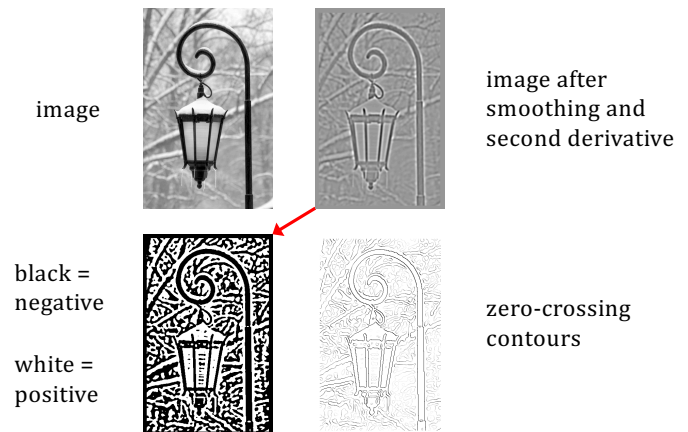
2

Derivatives of smoothed intensity



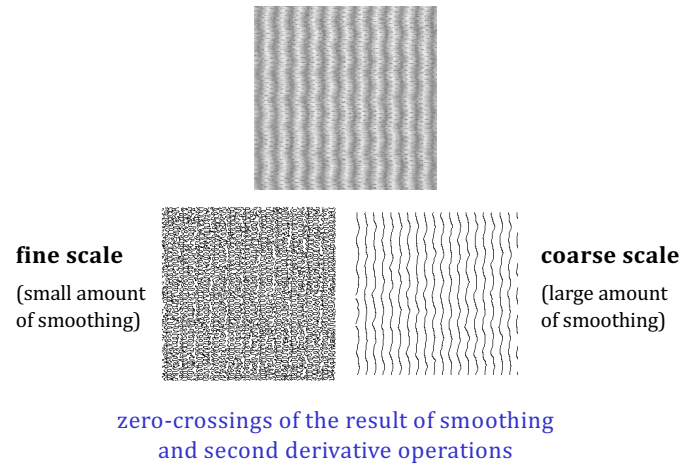
3

Analyzing a 2D image



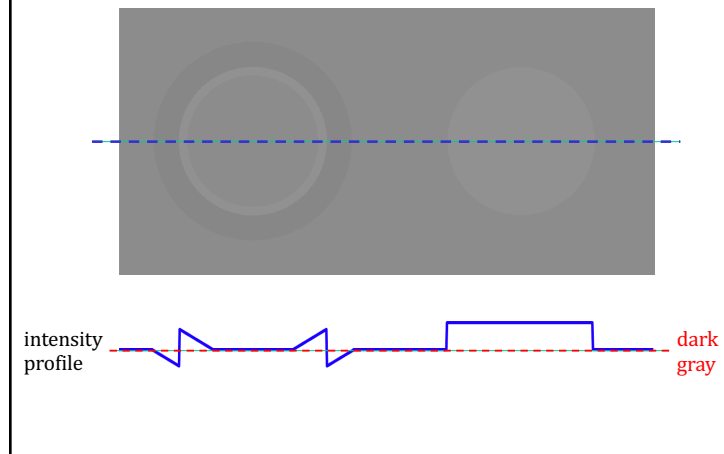
4

Detecting intensity changes at multiple scales



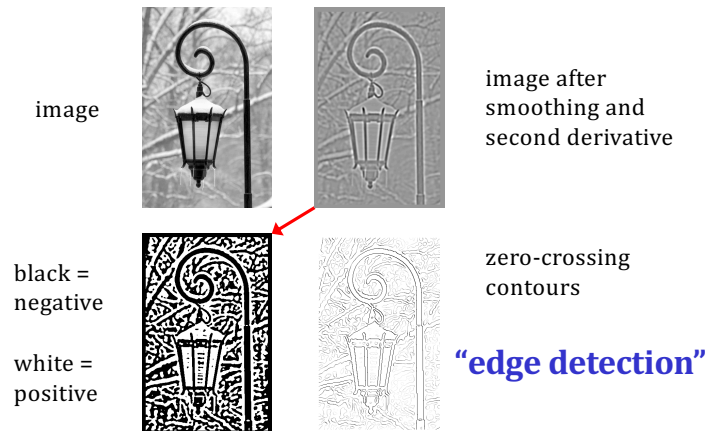
5

Craik-O'Brien-Cornsweet illusion



6

Analyzing intensity changes in a 2D image



7