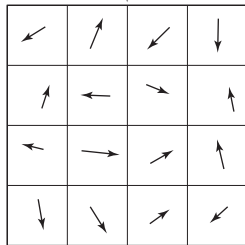


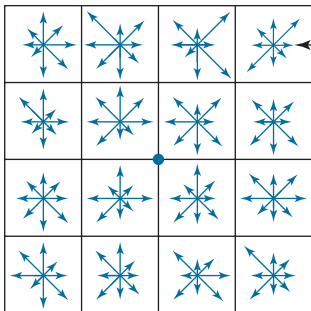
Gradients  
in  $16 \times 16$   
region

● = Keypoint

← Gaussian weighting function



8-directional histogram (the  
bins are multiples of  $45^\circ$ )



Keypoint descriptor = 128-dimensional vector