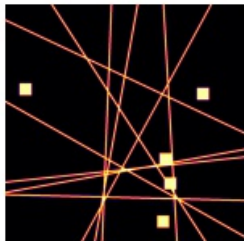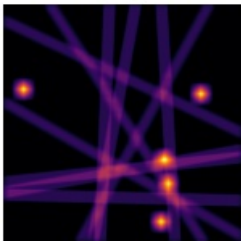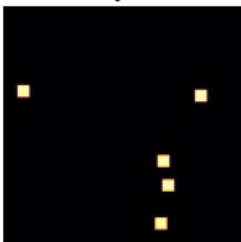# Deep learning
Part 2: Convolutional neural networks

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x

$x * k$

$\hat{y} = x * k > 0.5$

y

x

$|x * k_x| > 0.25$

$|x * k_y| > 0.25$

$|x * k_x| + |x * k_y| > 0.35$

k_x

k_y