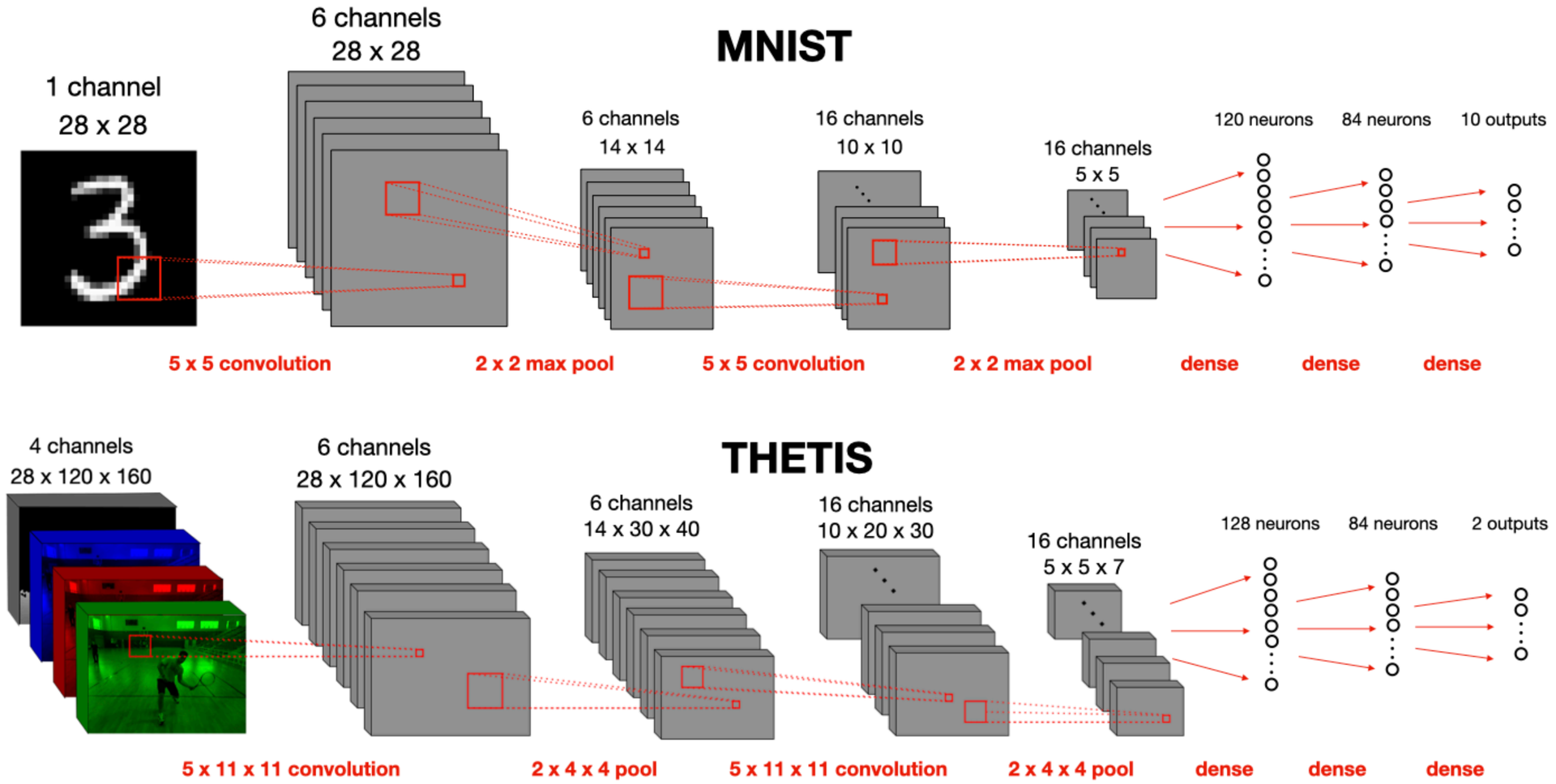
Method 2

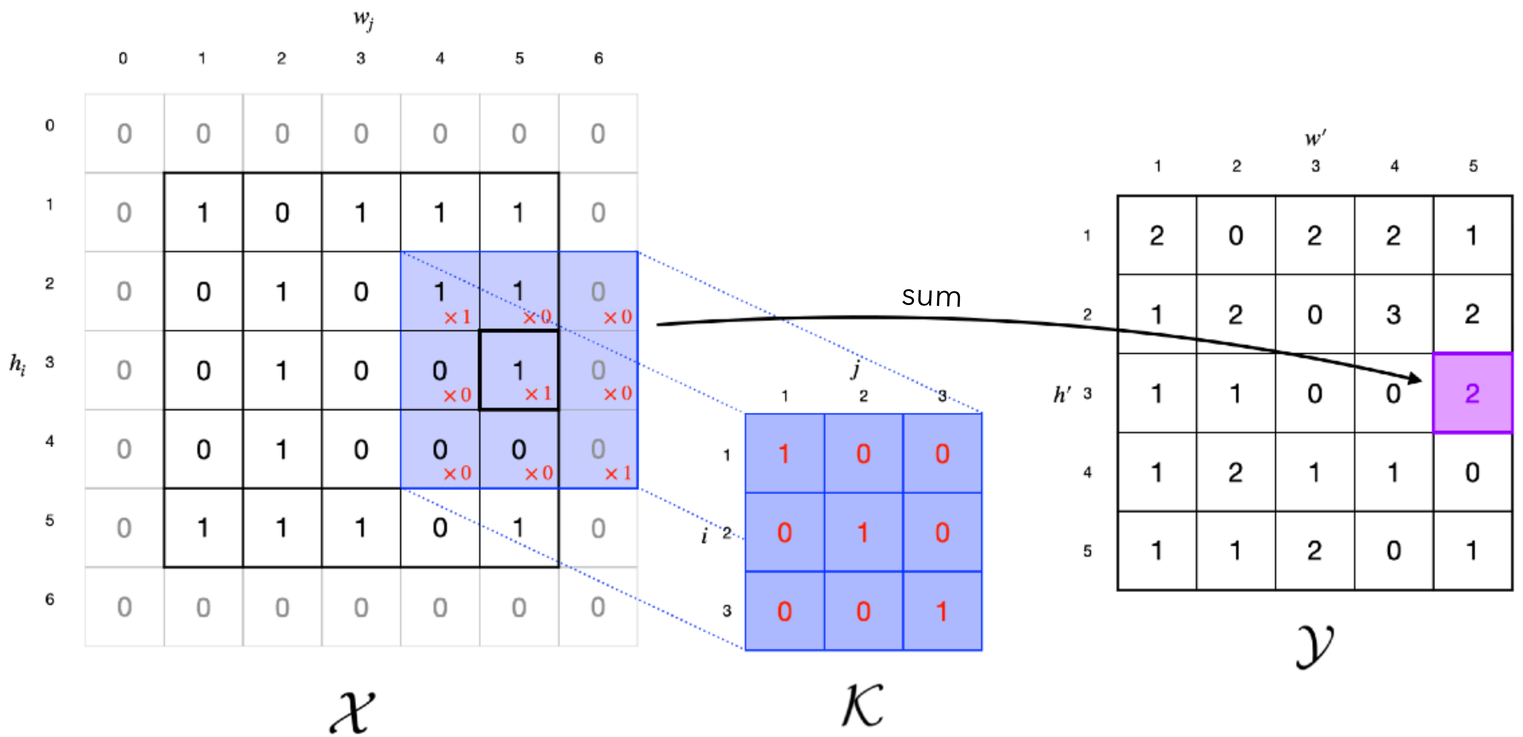
Compressing a Pre-Trained Network



Method 2

The Convolution

$$\mathcal{Y}(f', h', w', t) = \sum_{i=1}^{D_F} \sum_{j=1}^{D_H} \sum_{l=1}^{D_W} \sum_{s=1}^{S} \mathcal{K}(i, j, l, s, t)\ \mathcal{X}(f_i, h_j, w_l, s)$$



Very simple example for images with only 1 input channel (black / white)