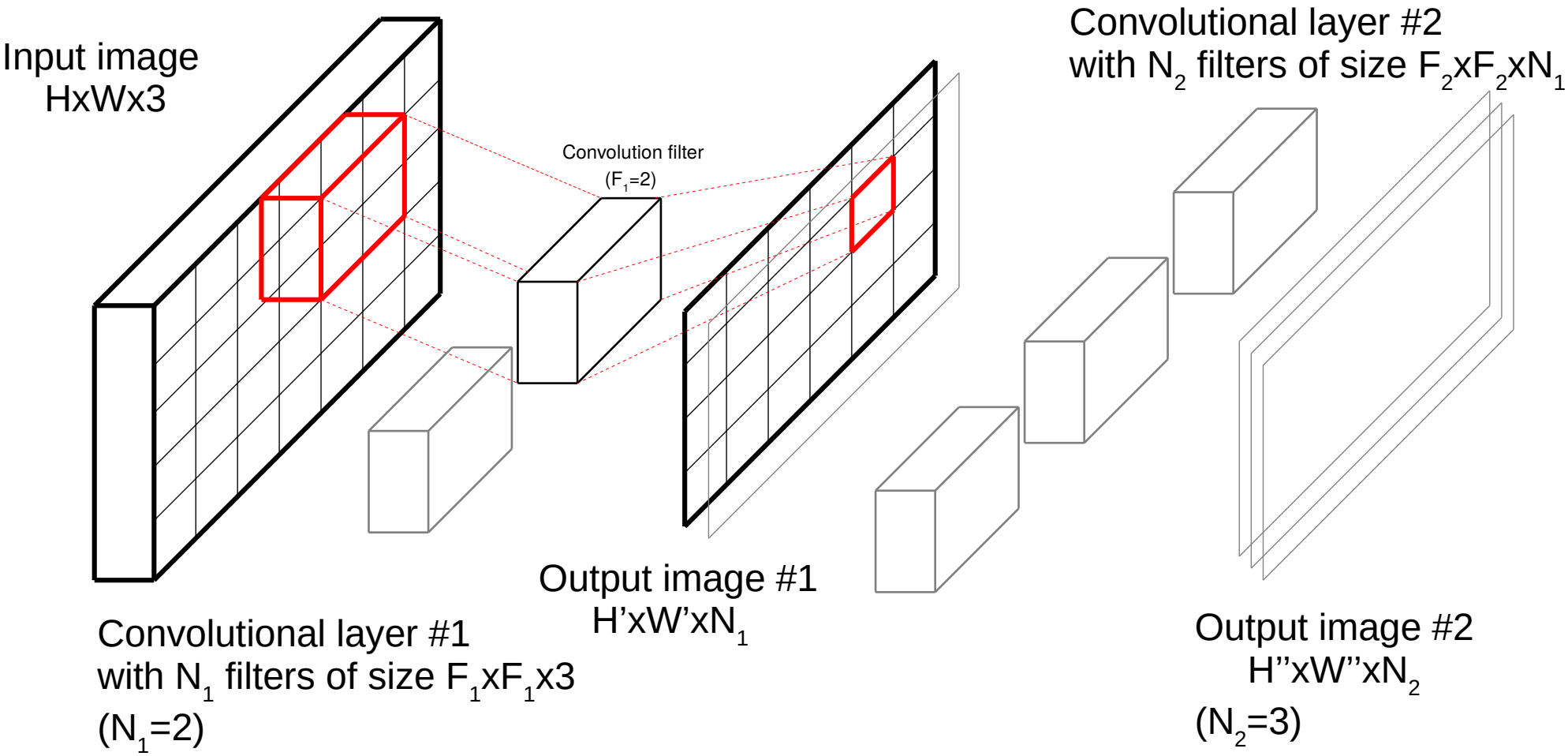
Input image
HxWx3
Convolution filter
(F_1=2)
Convolutional layer #2
with N_2 filters of size $F_2xF_2xN_1$
Output image #1
$H'xW'xN_1$
Convolutional layer #1
with N_1 filters of size F_1xF_1x3
(N_1=2)
Output image #2
$H''xW''xN_2$
(N_2=3)