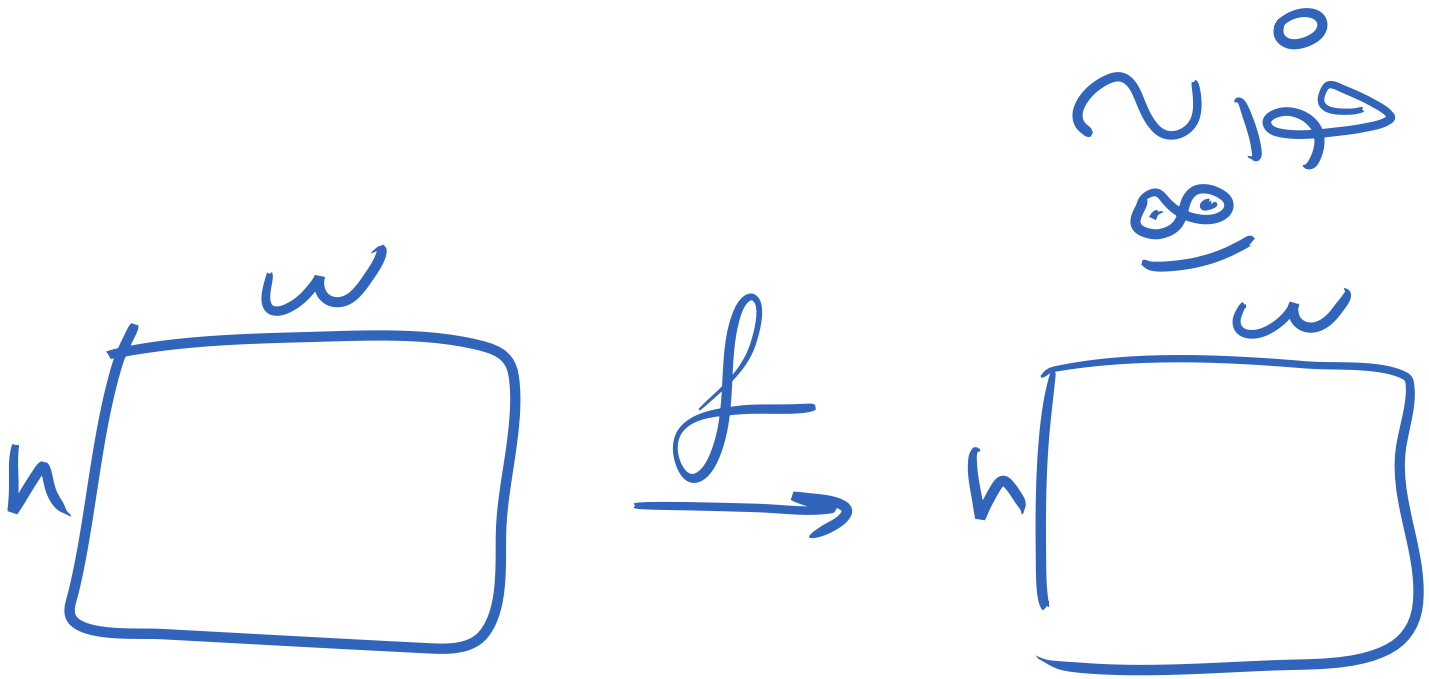

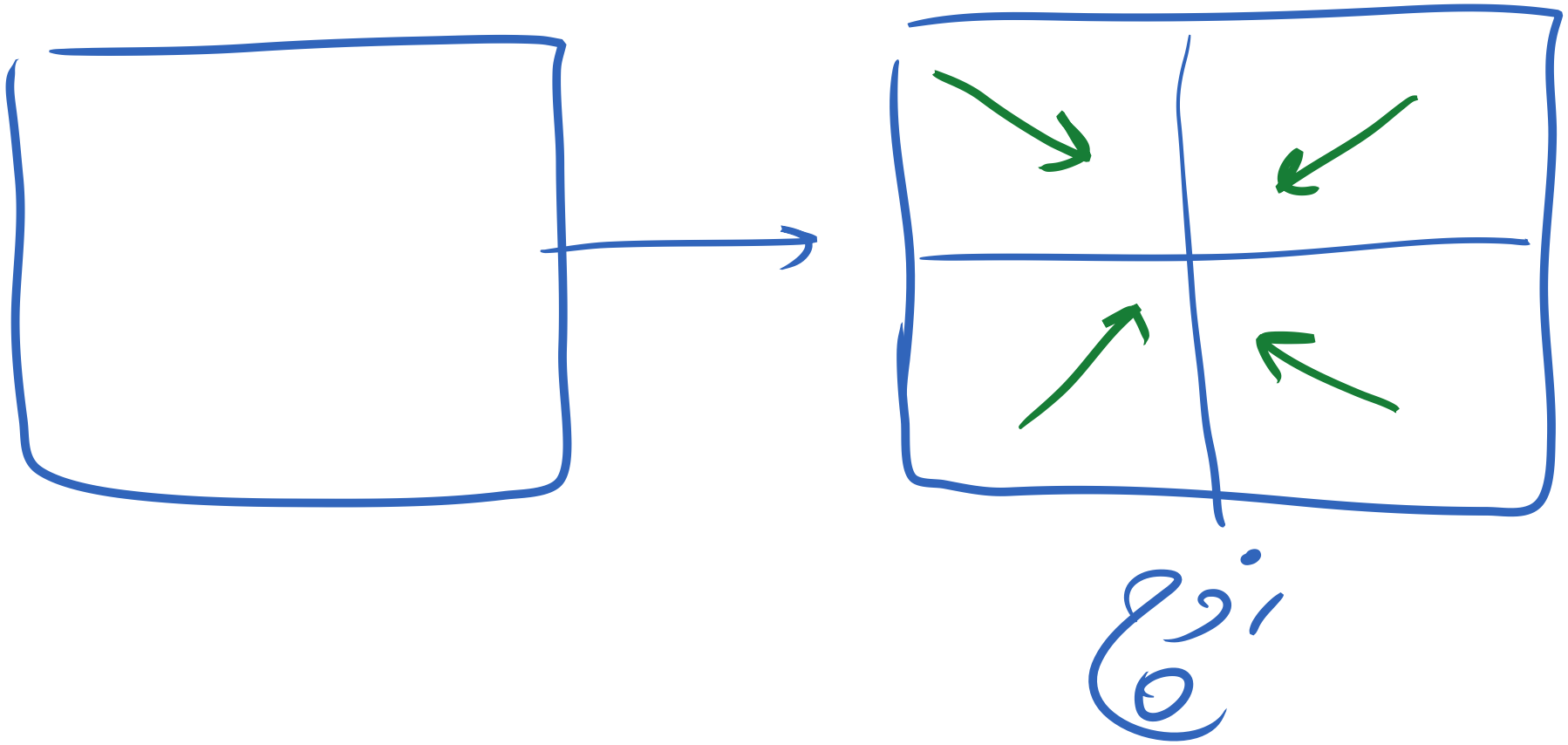

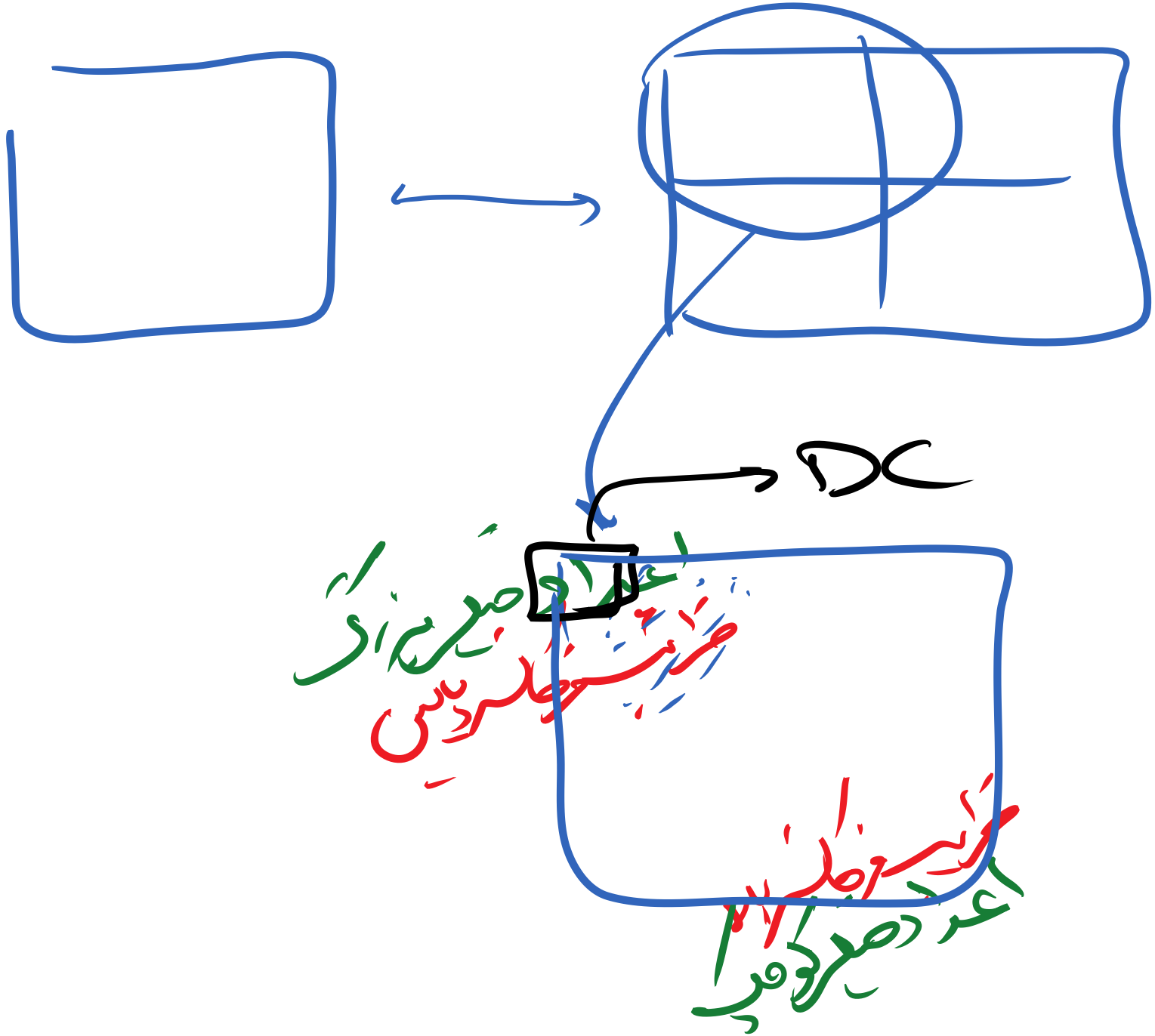
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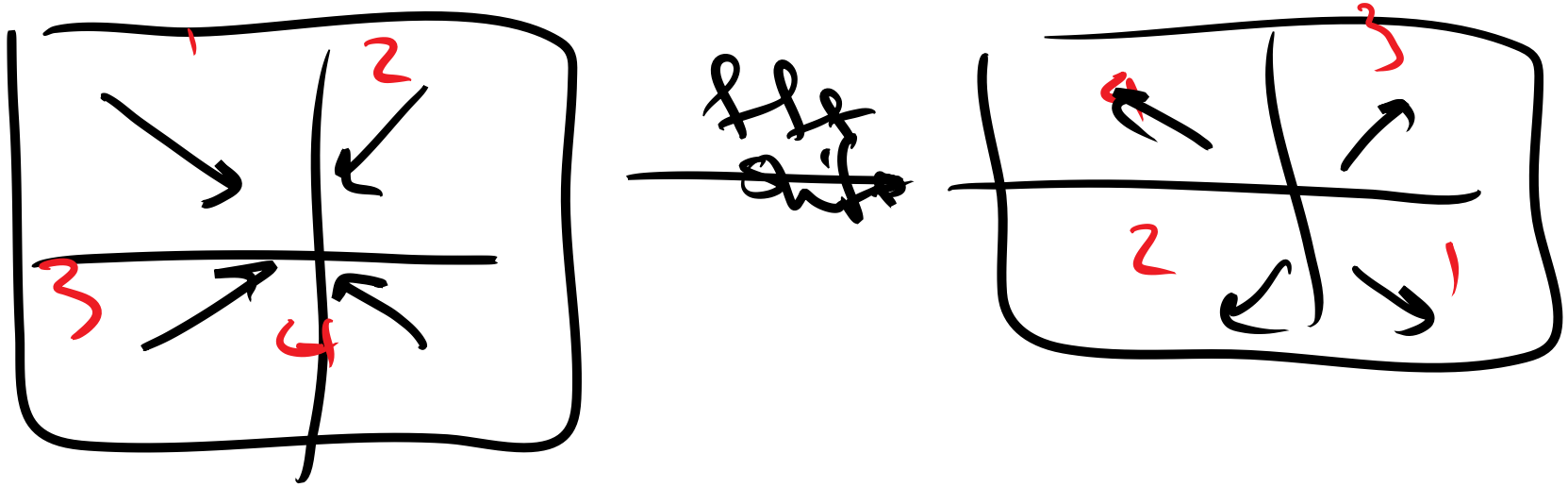
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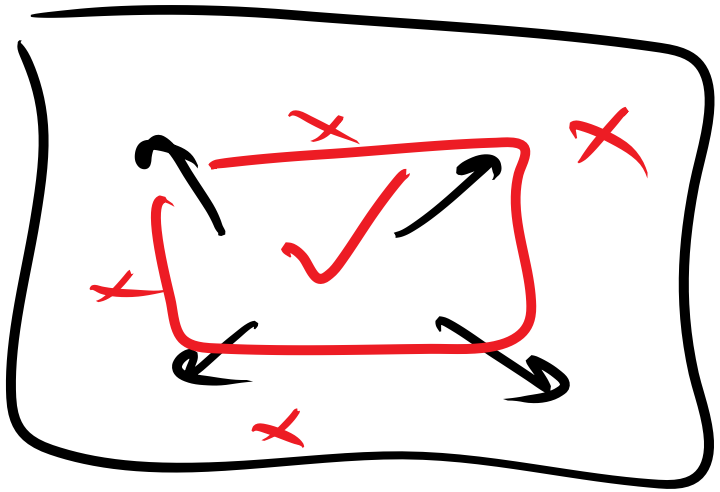
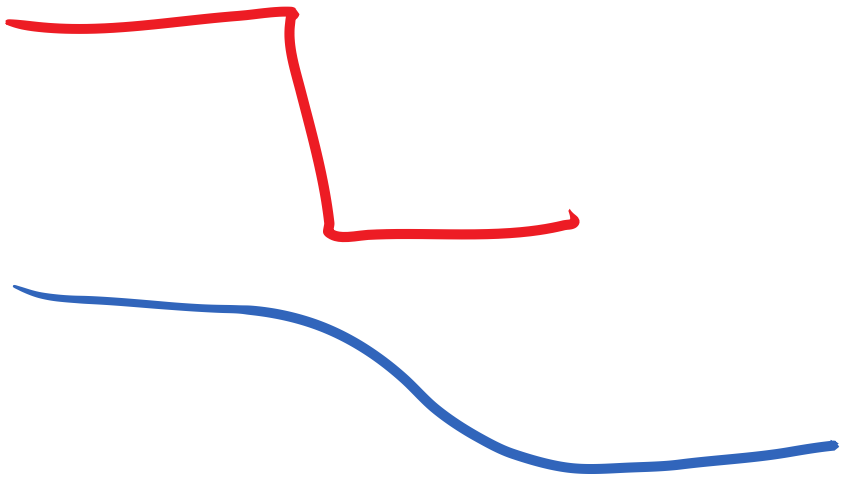
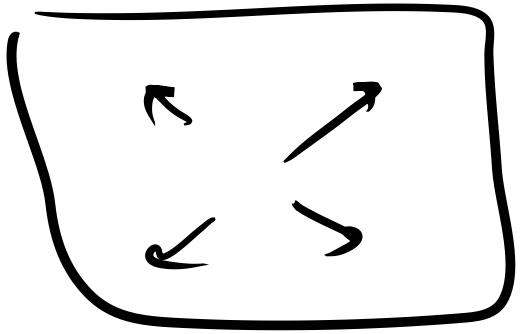
low pass







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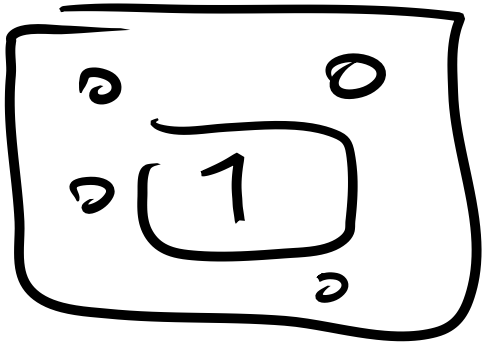
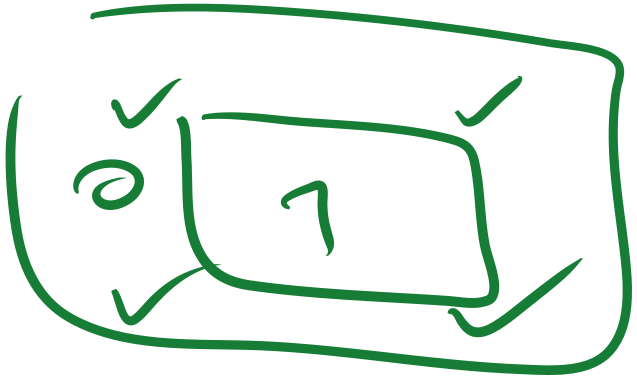
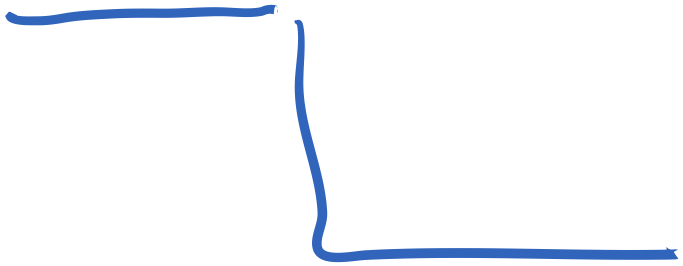


high pass

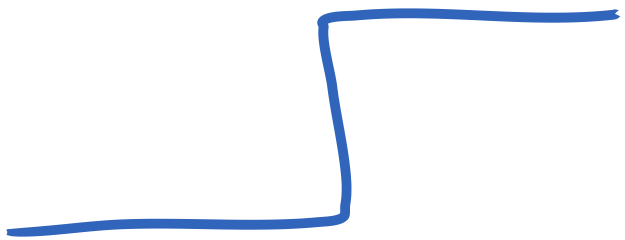


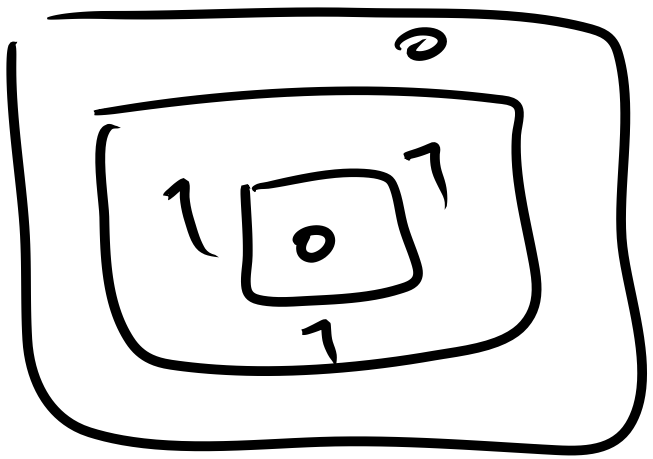
low pass



bandpass

highpass





bandpass

features

hog

fourier

hue histogram

gray histogram