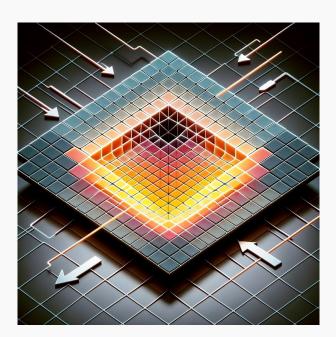
kokchun giang

image kernel – a building block for convolutional neural networks



Filters (kernely)

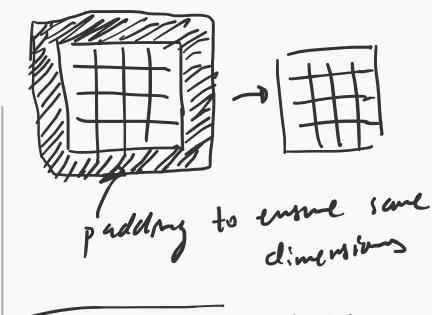
can filter out info from layer matrices (e.g. image)

Convolution

or images to sliding dot products

valid consultion

Same convolution



same image

same image

a extract many feature

maps

a network can adjust

weights in these filters to

find differt features

through backpropagation