

02_homework

Introduction to Computer Vision

Name: _____

Date: _____

2D Convolution Practice

Solve the 2D convolution problem below with symmetric padding and show your work.

Input

231	221	214	249
159	122	215	120
31	222	35	39
3	134	107	131

Kernel

$\frac{1}{9}$	0	0
$\frac{1}{3}$	$\frac{1}{9}$	$\frac{1}{3}$
0	0	$\frac{1}{9}$