

Lab work: MATLAB

- Consider same matrix I :

10	20	85	97	55
40	60	70	66	52
9	70	90	87	12
15	54	33	60	11
6	26	73	59	9

- Design a 3x3 mean filter and median filter; and slide it over matrix I .
- Design a gaussian filter by choosing $\sigma=\sqrt{3}$ and $n=3$; and slide it over matrix I .
- Use same filters for filtering both images given in “Noisy image: Sensing” folder.