

Digital Image Processing Laboratory. : (for year 2560)

Computer Science department
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Lab#6 : Image Enhancement in Spatial Domain#4

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1. Write program (M-files) for processing as following
 - 1.1 Use median filter MATLAB function for process image “img6_1.tif” and display output image.
 - 1.2 Write median filter function. (not use MATLAB function) for process image “img6_1.tif” and display output image.
2. Write program (M-files) for processing the image ”img6_2.tif”. Define masks of smoothing filter as following

	1	1	1
(1/9) *	1	1	1
	1	1	1

- 2.1 Use convolution function. (use MATLAB function)
 - 2.2 Write convolution function. (not use MATLAB function)
- Display input and output images (from 2.1, 2.2)
Display input and output histograms (from 2.1, 2.2)

- Remark :
1. Filename format : LAB6_XXXXXXXXX_x .zip
(xxxxx..._x is your ID)
 2. write ID, Name in your header files .
 3. write commend in your source code (program m file).
 4. write flow chart of your program.
 5. explain output from your program.
 6. your file must save in form “ MS word2007 (.docx) ” and “ Acrobat file (.pdf) ”.
 7. Zip file is compound of m file, docx file, pdf file and all output files.

%%%%%%%% Good Luck %%%%%%%%%