

Advanced Image Processing Lab.

Lab. 0. Getting Started

- 0.1. Registering for the Lab. on Unix work stations. Software package for the Labs. Test signal and image data base. Lab Webb site.
- 0.2. Basics of Matlab. Mastering main Matlab signal and image processing functions: Matlab data format, generating 1-D and 2-D arrays of numbers, Matlab functions: conv.m; conv2.m; fft.m; fft2m; image.m; kron.m.
- 0.3. Write programs (m-files) for generating test images: step-wedge image; 2-D sinusoidal images with arbitrary orientation (spatial frequency); images of simple geometrical figures (rectangle, triangle, hexagonal, circle, ring)

Submit: programs and printouts of generated images