

Cairo University

Faculty of Computers & Artificial
Intelligence

Information Technology
Department

Year 2022 – 2023



Digital Image Processing
Second Term

Assignment-2

Objective: Spatial Filters

Team of two students

Experiment-1

Use image ('eight.jpg')

-Apply Gnoise on the given image

-Apply different smoothing filters with different window size (Average and median filter)

Experiment-2

Use image ('circuit.jpg')

-Apply different sharpening filters. (Sobel and Laplacian Filters)