

## EN2550 Exercise 5 on Edges, Corners, and Blobs

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1. Show derivative of Gaussian filters as surface plots.
2. Detect Harris corners using the OpenCV's existing function. Use the image in Fig. 1.



Figure 1: Image for corner detection.

3. Detect Harris corners using your own implementation. Use the same image.
4. Detect Canny edges using the OpenCV's existing function.
5. Match SIFT features between two images in the Graffiti sequence <https://www.robots.ox.ac.uk/vg-g/data/affine/>.