School of Computer Science   17th March, 2022
CMP9135M, Computer Vision

Workshop 4: feature detection

IF you have not finished the workshop tasks from last week, please continue working on the tasks.

Corner detection

Please download the checkerbox image from Blackboard, and try the Matlab build-in function corner.m. Please refer to the MATLAB help for further details

>> corners = corner(I, 'Harris');

You can also look at the Matlab function: detectHarrisFeatures.m

SIFT (Scale invariant Feature Transform)

Please refer the link below and try to use/understand the SIFT algorithm for the keypoints detection.

http://uk.mathworks.com/matlabcentral/fileexchange/43723-sift--scale-invariant-feature-transform--algorithm