Department of Artificial Intelligence & Machine Learning Academic Year 2023-2024

Name: Abhay Mathur SAPID: 60017210016

Batch: A1

Experiment No. 5C

Aim: Feature Detection in Images

Objective: Develop a program to detect features in an Image (Corner)

Theory:

Harris Corner detection algorithm was developed to identify the internal corners of an image. The corners of an image are basically identified as the regions in which there are variations in large intensity of the gradient in all possible dimensions and directions. Corners extracted can be a part of the image features, which can be matched with features of other images, and can be used to extract accurate information. Harris Corner Detection is a method to extract the corners from the input image and to extract features from the input image

Problem Definition

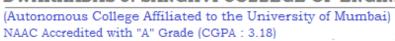
• Corner Detection using Harris Operator

Observations



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