University of Moratuwa

EN2550 - Fundamentals of Image Processing and Machine Vision

Assignment III

Name - Weerasinghe K.N.

Index No. - 190672T

GitHub link - https://github.com/KavinduWeerasinghe/Assignement-3

The Tasks given in the assignment leads to object detection in an array of frames. To do the job this has divided into two parts,

1. Connected Component Analysis – (Analysis of objects using contours in a single frame) and
2. Detecting Objects on a Synthetic Conveyor – (Detecting objects considering a frame at a time in the given video)

Explanation: The procedure to get the contours is as follows…