

CSE3018 CONTENT BASED IMAGE AND VIDEO RETRIEVAL LAB
EXERCISE - 6

DATE: 03.09.2019

Gray Level Cooccurrence Matrix

1. Derive the GLCM of the given image.
 - a. Read the colour image
 - b. Convert into grayscale
 - c. Quantize the image for 08, 16, 32, 64 levels.
 - d. Find out GLCM – Horizontal and Vertical, for each quantization level and obtain the following features :
 - i. Energy
 - ii. Entropy
 - iii. Contrast
 - iv. Inverse Difference Moment