

CSE3018 CONTENT BASED IMAGE AND VIDEO RETRIEVAL LAB
EXERCISE - 7

DATE: 22.09.2021

Tamura Features

1. Derive the Tamura Features of the given image.
 - a. Read the colour image
 - b. Convert into grayscale
 - c. Find out the following Tamura features :
 - Contrast
 - Directionality
 - Coarseness
 - Linelikeness
 - Regularity
 - Roughness
 - d. Implement a CBIR for Texture Images using these Tamura Features.

Note :

- You image set be purely texture images. Operate on gray scale images. If it is a color image, you can convert to gray or do color plane separation and do. For the latter case, you will have $6 * 3 = 18$ features for every color image.