CSE3018 CONTENT BASED IMAGE AND VIDEO RETRIEVAL LAB
EXERCISE - 7

DATE: 25.03.2021

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

      – Direc$onality

      – 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.