

# Medical Image Processing

## Introduction to the Exercises

Ex. No. 1

Due: 15.11.2017

# Tasks:

1. Download the Dermoscopic image database (PH<sup>2</sup>) from <http://www.fc.up.pt/addi/project.html> .
2. Read the original colorful files from nested subfolders and store them directly in a folder named 'RawImages'.
3. Convert the images to grayscale images.
4. Implement your self-built Floyd-Steinberg dithering algorithm (external function) with selectable threshold parameter (input arg.).
5. Store the images into a subfolder named 'DitheredImages'.