

Project #1

assign March 23, 2020 due March 27, 2020

Apply histogram-specification method to the image below, assume desired histogram: $n_k=1248$, $0 \leq k \leq 63$ and $192 \leq k \leq 255$, $n_k=800$, $64 \leq k \leq 191$.

Determine the transformation function $z = T(r)$ and the output image after applying the transformation function to the image below.

Your report (Word or pdf format) should contain:

- Source codes
- Figures of the original and output histograms
- Figure of the output image after applying the histogram-specification scheme
- Table of transformation function to show the mapping from the input gray level r to the output gray level z

Upload your report to new e3 before midnight of due date!

