

Librarie TIS

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1 applyLUT

Applies LUT to an image

Parameters:

f : image
lut : lookup table

Returns:

new image

2 computeCumulativeHisto

Computes cumulative histogram from base histogram

Arguments:

h : histogram

Return:

cumulative histogram ,
cumulative normalized histogram

3 find_nearest

Pas de docstring

4 halfToning

Applies halftoning algorithm to f and **returns** the results as 2D array

Arguments:

img : image

Return:

h : new image

5 imgLevelAdjust

Adjusts image's contrast

Arguments:

f : image
_mini : lower percentage limit (default 1)
_maxi : higher percentage limit (default 99)

Return:

adjusted image

6 showHistogram

Displays histograms and its cumulative

n <———

Arguments

h : histogramme

Return

fig : figure

axs : axis

7 showImage

Pas de docstring