

NEW

deLuca Fuzzy

- Fuzzy entropy equation
- Obtains membership
- Outputs entropy

membership

Discarded

NEW

nonProb

membership

- Non-Probabilistic entropy equation
- Obtains 3-trapezium membership
- Outputs entropy

MODIFIED

incrTrans

nonProb

"Improves likelihood of the image"

fastEntLookup

hybrid

Finds incremental change to the transformation

computeXfmImg

Takes in current mean, image count, image arrays + metric

Specifies which function to run when metric is chosen

NEW

Membership

- Read in image
- Greyscale
- Draws membership functions
- Computes membership functions
- Calculates highest membership (μ)
- Outputs membership

EXISTING

testCongeal

Loads in images
Resizes image

Runs binaryCongeal

{ Outputs mean images (congealed)
Outputs histograms of values

↑
both graphically

ShowSer
loadSeries
binaryCongeal

MODIFIED

binaryCongeal

Takes in series of images, iterations + metric

Returns congealed matrix

Returns arrays of changed input image values

Returns array of entropy values

Specifies which function to run when metric is chosen

nonProb

fastEntLookup

hybrid

incrTrans