
RhoScanner Documentation

Release v0.1

Marios Papachristou

March 25, 2015

1	computations.py	1
2	Transformations	3
3	pics.py	5

computations.py

USAGE: Numerical Computation functions

Transformations

Transformation 1: $T_1 : M(x_i, y_i) \rightarrow M' \left(\frac{1}{m} \sum_{j=k}^m x_{ij}, y_i \right)$

Transformation 2 (Rotary): $\text{Rot}(\theta) : M(x, y) \rightarrow M'(x \cos \theta, y \sin \theta)$

Transformation 3: $M(x, y) \xrightarrow{\text{Rot}(\theta)} M'(x_{min}, y, D - dx)$

USAGE: Image manipulation via PIL