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L164309



Here “i” is one to 4

Here x, y is the matrix having coordinates of 4 points of face image however, x2, y2 are the coordinates of target frames. There are multiple ways to compute this matrix however, I have used SVD function provided by MATLAB.

**For Audery Image**

x=[0,0,499,499];

y=[0,507,0,507];

x2=[187,184,346,345];

y2=[153,464,176,433];

Homograpy Matrix= [-0.0019 -0.0005 -0.0000

0.0000 -0.0025 0.0000

-0.7739 -0.6332 -0.0041]

**For White Knight**

x=[0,0,182,182];

y=[0,276,0,276];

x2=[706,709,871,874];

y2=[150,331,133,325];

Homograpy Matrix= [-0.0009 0.0002 0.0000

-0.0000 -0.0009 -0.0000

-0.9782 -0.2078 -0.0014]

**For Nelson Mandela Image**

x=[0,0,768,768];

y=[0,432,0,432];

x2=[129,128,377,382];

y2=[100,498,100,500];

Homograpy Matrix= [-0.0020 0.0000 0.0000

0.0001 -0.0055 0.0000

-0.7903 -0.6126 -0.0061]

How To excute Code

Unzip the file and open all the .m files in matlab. Just type the file name such as P1\_1L164309, P1\_2L164309, P1\_3L164309