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1. Five fundamental matrices F(2) for every stereo image pair: pair1

-0.000000171809752 0.000003094089612 0.000914793482346 -0.000003155287796 0.000000030402468 0.003011133505589 -0.000635778961154 -0.002996164432336 -0.122214119895489

pair2

pair3

pair4

pair5

-0.00000007382680 0.000001385567542 -0.001250481953172 -0.000001397461343 0.000000016679215 0.002024087906838 0.001277157783165 -0.002131010870463 0.076102333124724

2. Five figures of the stereo image pairs pair1

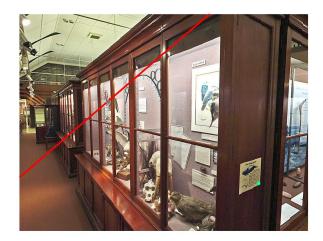
magenta point -> selected point in image1 -> [286.6,307.6] mapped point in image2 -> [313.8,309.9]

cyan point -> selected point in image2 -> [848.9,600] mapped point in image1 -> [841.5,596.8]

epipolar line for F2 in image2 (line(x,y) function in Matlab) vector x:
1.000000
1026.000000
vector y:
578.610455
-301.726708

epipolar line for F2 in image1 (line(x,y) function in Matlab) vector x:
1.000000
1026.000000
vector y:
6995.112277
-806.212426





pair2

magenta point -> selected point in image1 -> [293.2,213.6] mapped point in image2 -> [326.9,212.6]

cyan point -> selected point in image2 -> [274.7,360.7] mapped point in image1 -> [251.2,361.6]

epipolar line for F2 in image2 (line(x,y) function in Matlab)

vector x: 1.000000 721.000000 vector y: 253.703443 162.853026

epipolar line for F2 in image1 (line(x,y) function in Matlab)

vector x: 1.000000 721.000000 vector y: 408.863373 272.784093





pair3

magenta point -> selected point in image1 -> [165.1,35.43] mapped point in image2 -> [130,35.04

cyan point -> selected point in image2 -> [71.03,62.83] mapped point in image1 -> [108,63.09]

epipolar line for F2 in image2 (line(x,y) function in Matlab)

vector x: 1.000000 433.000000 vector y: 40.894900 21.310808

epipolar line for F2 in image1 (line(x,y) function in Matlab)

vector x: 1.000000 433.000000 vector y: 68.815880 45.344705





pair4

magenta point -> selected point in image1 -> [429.3,338.6] mapped point in image2 -> [488.4,348.2]

cyan point -> selected point in image2 -> [459.9,401.1] mapped point in image1 -> [399.9,386.5]

epipolar line for F2 in image2 (line(x,y) function in Matlab) vector x:
1.000000
578.000000
vector y:
-2451.192014
862.527702

epipolar line for F2 in image1 (line(x,y) function in Matlab) vector x:
1.000000
578.000000
vector y:
-4778.388772
2693.287272





pair5

magenta point -> selected point in image1 -> [781.6,204.4] mapped point in image2 -> [856.4,208.1]

cyan point -> selected point in image2 -> [610.6,1246] mapped point in image1 -> [555.1,1246]

epipolar line for F2 in image2 (line(x,y) function in Matlab) vector x:
1.000000
1375.000000
vector y:
-681.948484
747.595193

epipolar line for F2 in image1 (line(x,y) function in Matlab) vector x:
1.000000
1375.000000
vector y:
1451.086717
941.531836



