

# Assignment 4

EE 645 3D Computer Vision

Shubhranshu Singh

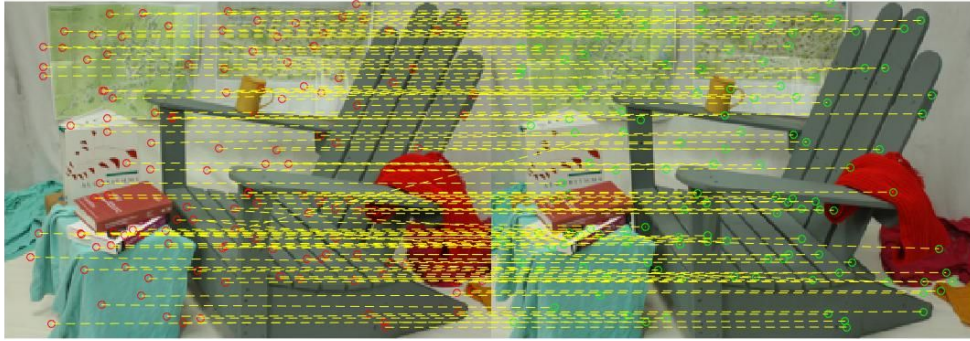
16110154



Stereo Pair



Reconstructed Left Image from Right Image



Matching Points

f			
3x3 double			
	1	2	3
1	2.1627e-06	-9.7105e-04	0.0495
2	9.7130e-04	1.1560e-05	0.6553
3	-0.0485	-0.6724	0.5567

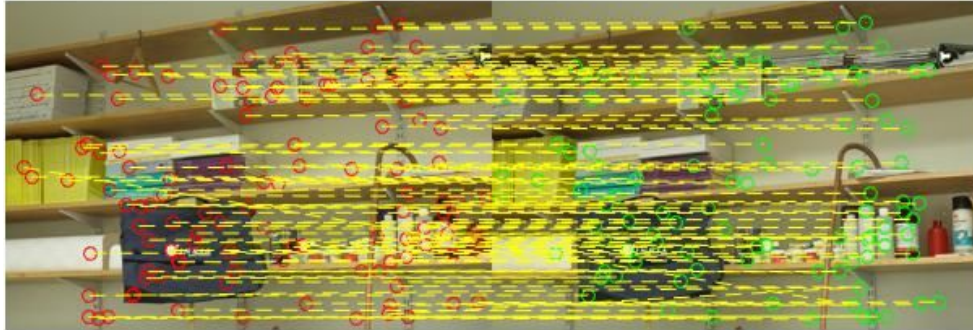
Fundamental Matrix



Stereo Pair



Reconstructed Left Image from Right Image



Matching Points

f x			
3x3 double			
	1	2	3
1	2.0387e-07	-6.2029e-04	0.0941
2	6.0396e-04	-2.4366e-05	0.6501
3	-0.0914	-0.6503	0.5686

Fundamental Matrix



Stereo Pair



Reconstructed Left Image from Right Image





Matching Points

f			
3x3 double			
	1	2	3
1	1.0630e-07	-0.0022	0.1917
2	0.0020	-2.1027e-04	0.9105
3	-0.1721	-0.8927	0.1524

Fundamental Matrix

Some epipolar lines shown below



Point in first image



Eplipolar Line in second image



Point in first image



Eplipolar Line in second image

