Practical Course: Vision-based Navigation (IN2106)

Exercise 3

Feature Detectors, Descriptors, Epipolar Geometry, RANSAC

By Md Jamiur Rahman 03697572 17.11.2018

Exercise 2: Epipolar Constraint

1. Derive the computation of the essential Matrix from the transformation between two cameras?

Answer:

$$x_1 = P_{nojection}$$
 of 30 point x into converse 1

 $x_2 = x_1 + x_2 = x_1 + x_2 = x_1 + x_2 = x_1 + x_2 = x_2 = x_1 + x_2 = x_1 + x_2 = x_1 + x_2 = x_2 = x_1 + x_2 = x_1$

The matrix & = IR is called essential matrix.

= 07