

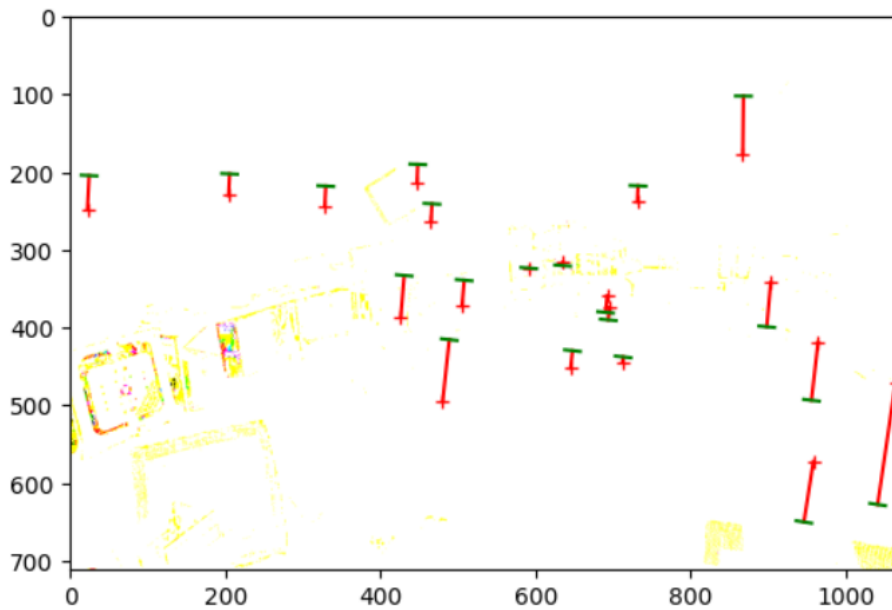
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## Fundamental Matrix Estimation and Camera Calibration

### Part 1: Fundamental matrix estimation

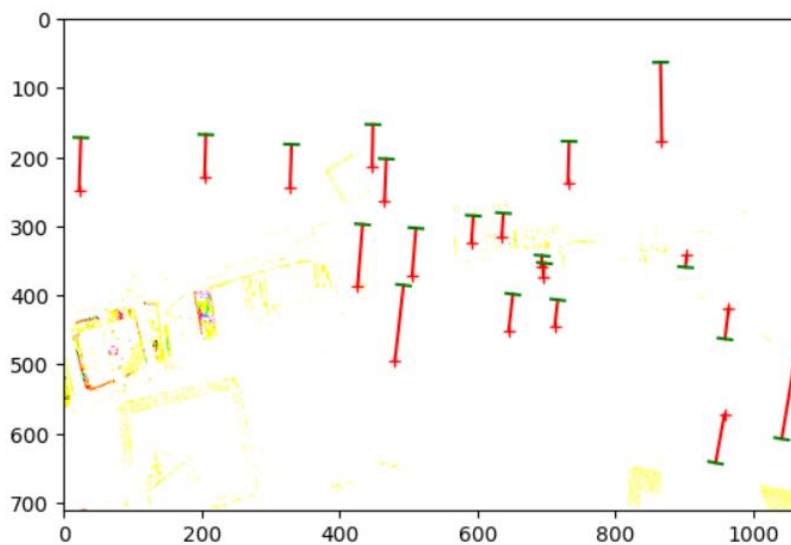
#### a) Normalized algorithm

Points and epi-polar lines for the fundamental matrix for normalized algorithms.



Residual for normalized: 3125.5062959537036

#### b) Unnormalized algorithm:



Residual for unnormalized: 4866.075470062337

## **Part 2: Camera calibration**

The projection matrix residual using the residuals:

Projection Matrix 1 Residual: 13.54583289329173

Projection Matrix 2 Residual: 15.544953452595896