Objective: Fundamental matrix computation with RANSAC

Practical session: RANSAC algorithm for F computation

- algorithm.
  ► Get initial program from the website.
- ► Write the core of function ComputeF. Use RANSAC algorithm
- (update  $N_{\text{iter}}$  dynamically), based on 8-point algorithm. Solve the linear system estimating F from 8 matches. Do not forget normalization! Hint: it is easier to use SVD with a square
  - matrix. For that, add the 9th equation  $0^T f = 0$ .

     After RANSAC, refine resulting F with least square
- minimization based on all inliers.

   Write the core of displayEpipolar: when user clicks, find in

which image (left or right). Display this point and show

associated epipolar line in other image.