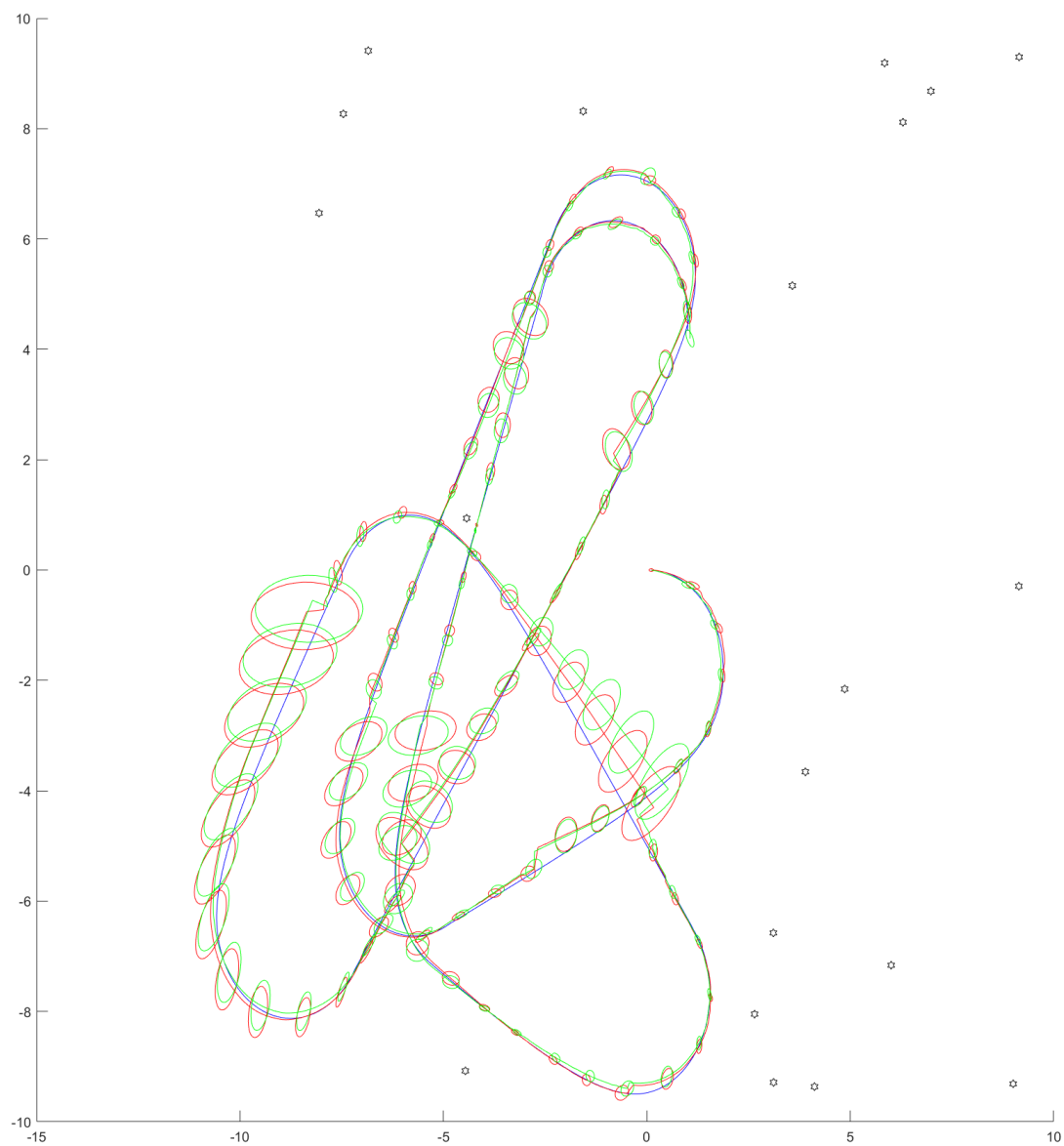
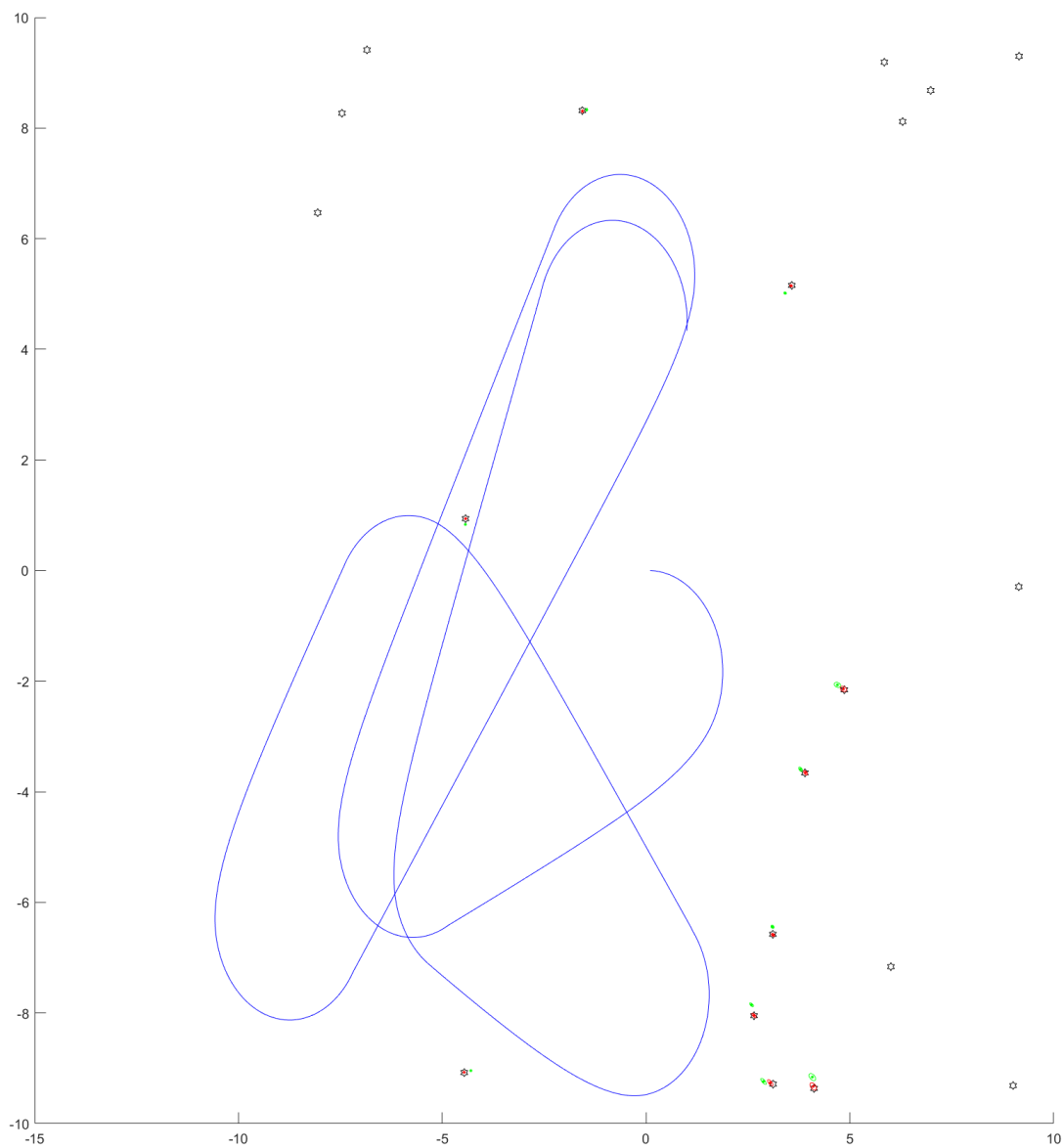


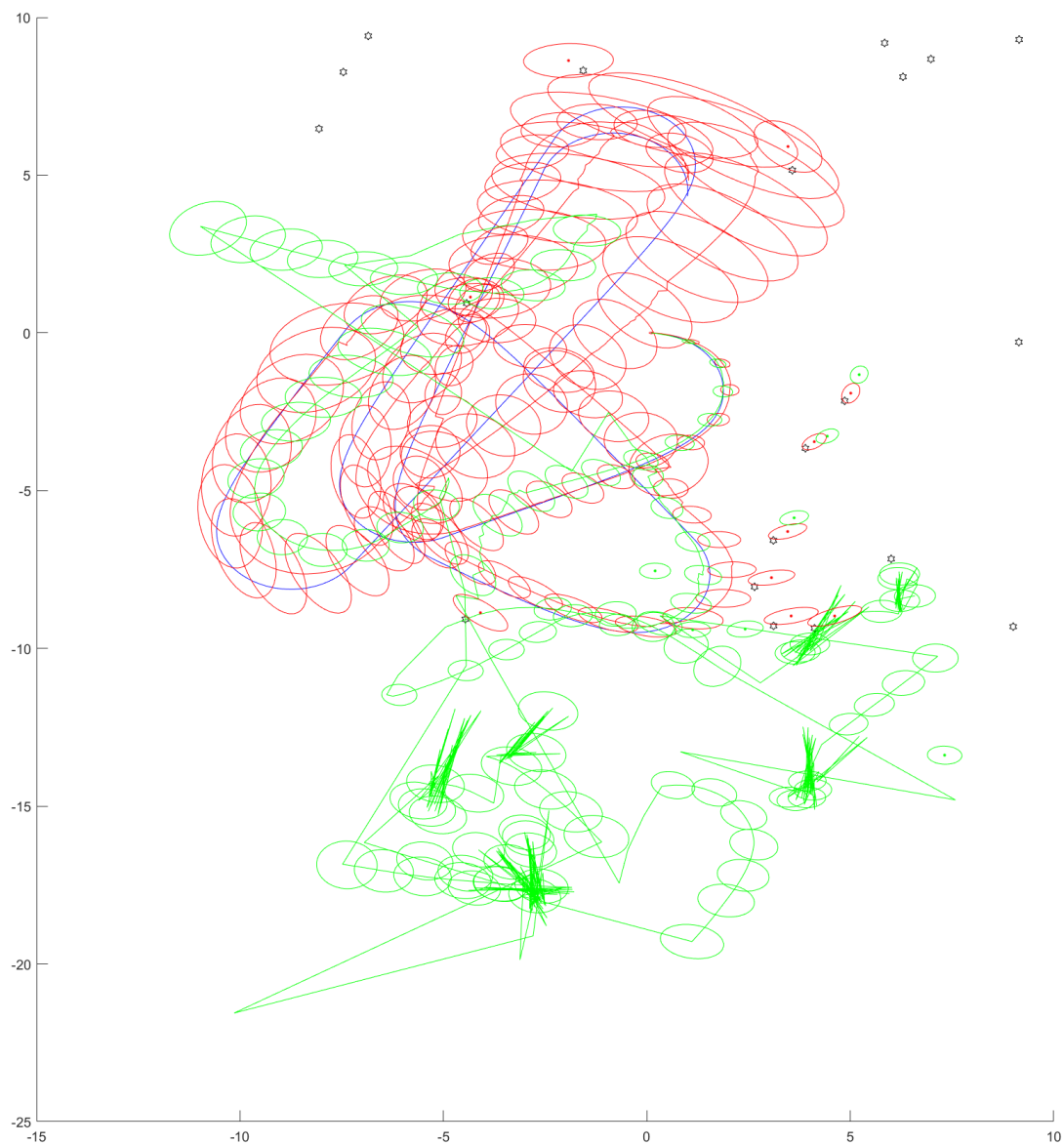
Exercise 4: SLAM – E1-E4 Reference Output



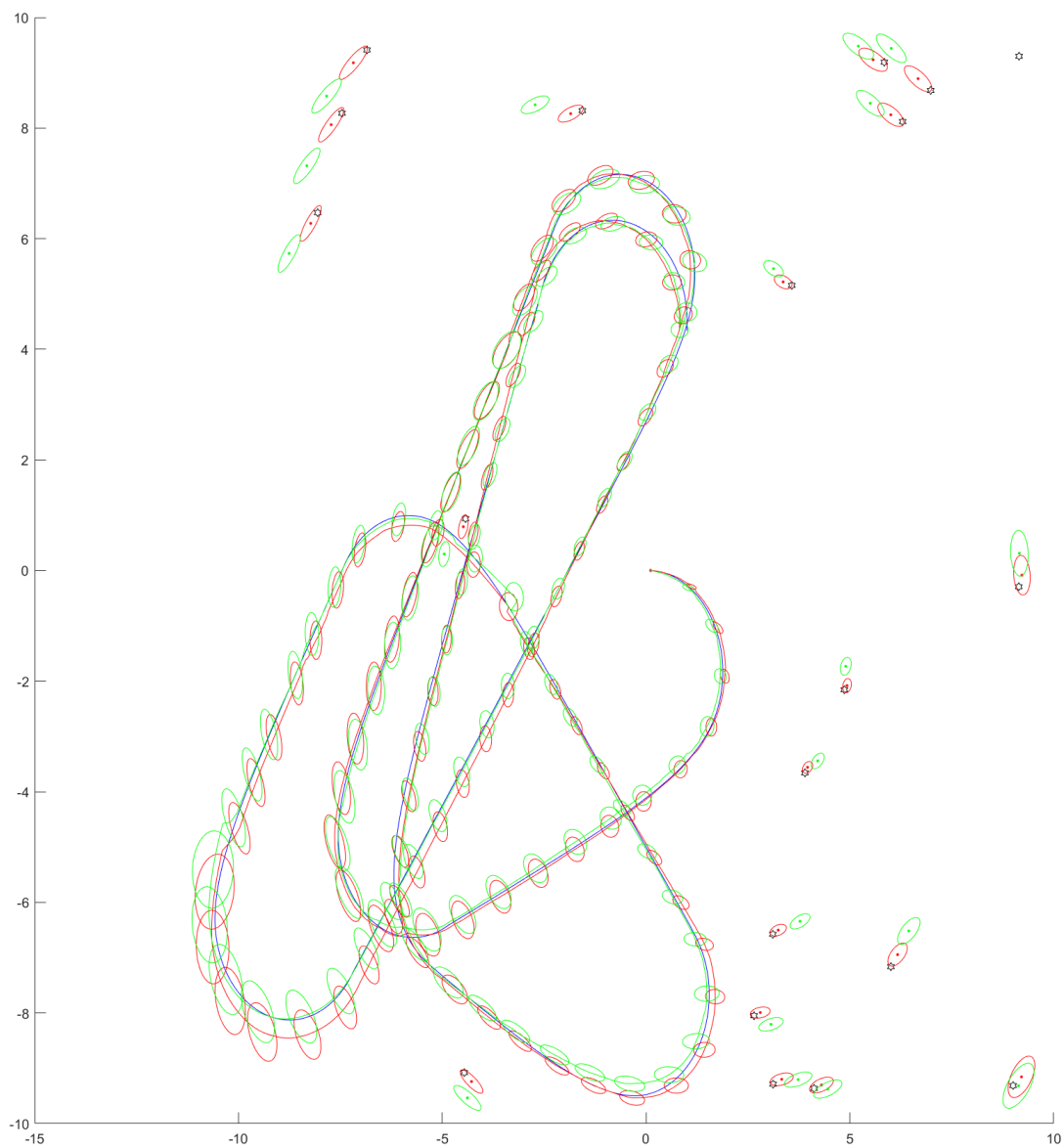
E1: Ground truth map (stars) and trajectory (blue), with EKF toolbox trajectory estimate (green) and E1 solution (red).



E2: Ground truth map (stars) and trajectory (blue), with EKF toolbox landmark estimate (green) and E2 solution (red).



E3: Ground truth map (stars) and trajectory (blue), with EKF toolbox SLAM estimate (green) and E3 solution (red). The toolbox solution is much worse even though we implemented the algorithm described in the textbook!



E4: Ground truth map (stars) and trajectory (blue), with EKF toolbox SLAM estimate (green) and E4 solution (red). Double the sensing range leads to a much better solution.