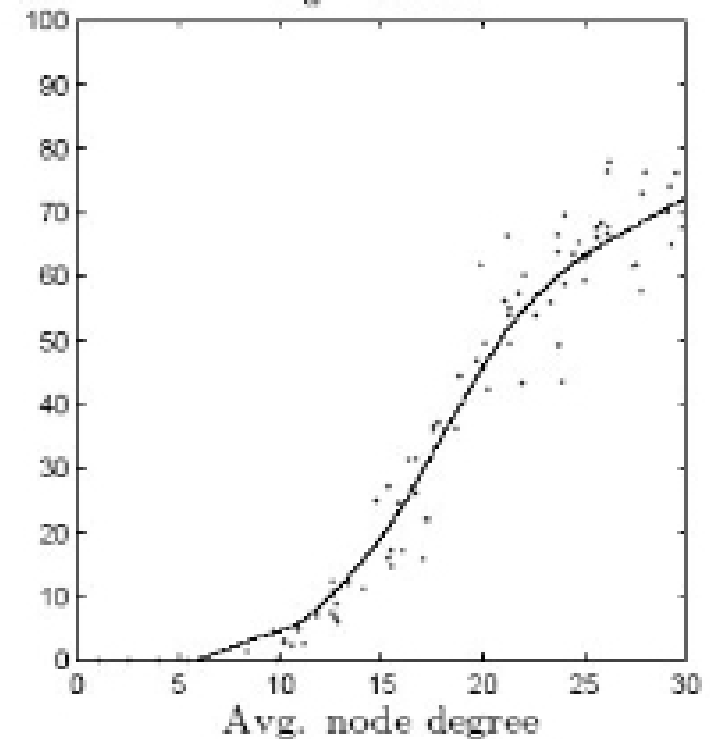
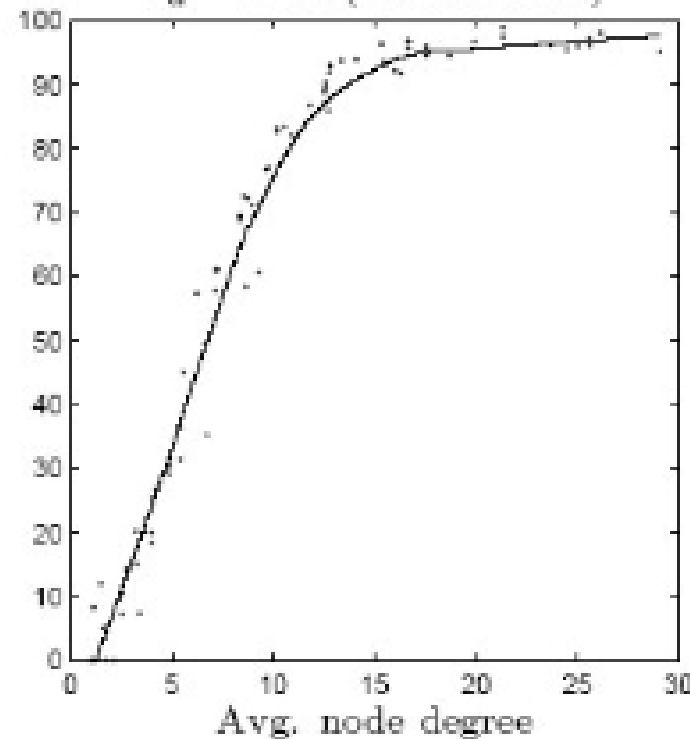
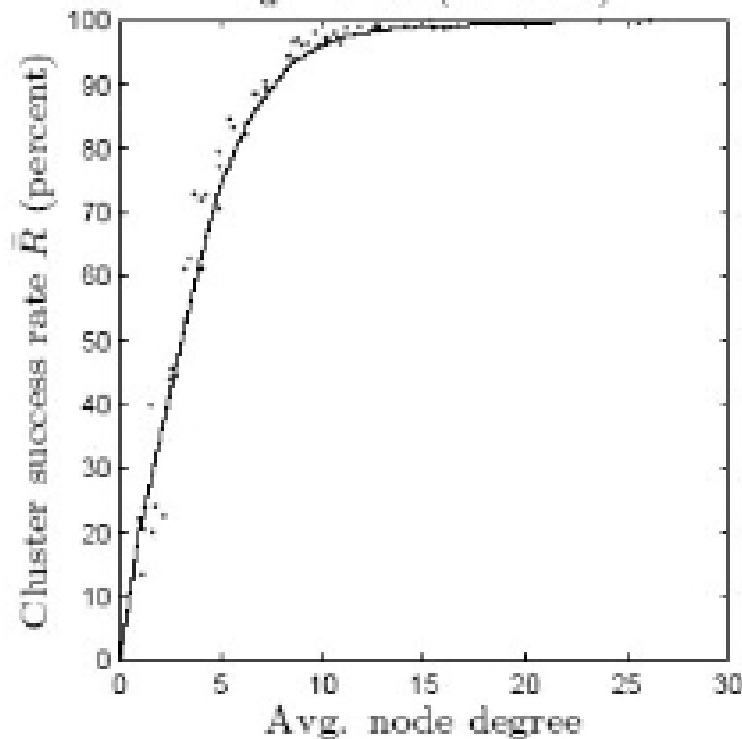


Simulations of the quadrilateral-based localization

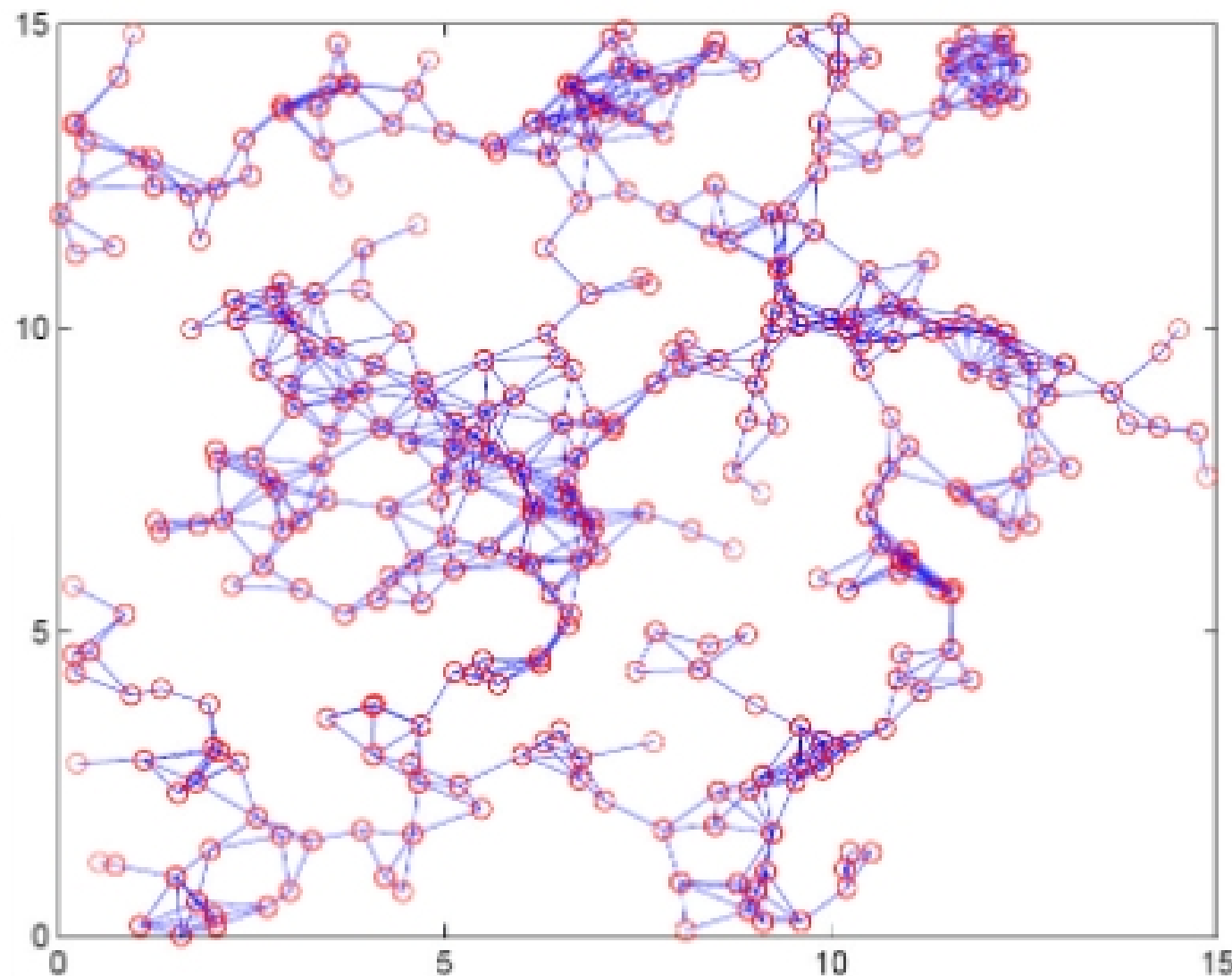
- Cluster success rate v.s. node degree.
- Each plot represents a simulation run.

(a) PLOTS OF CLUSTER SUCCESS RATE, \bar{R} , VERSUS NODE DEGREE FOR THE BUILDING ENVIRONMENT
 $\sigma_d = 0$ cm (no noise) $\sigma_d = 1$ cm (Cricket noise) $\sigma_d = 10$ cm



Random deployment

- Poisson distribution does not look uniform.
- ~400 nodes, average degree is about 5.



Random deployment

- Poisson distribution does not look uniform.
- ~800 nodes, average degree is about 10.

