-- Under construction --

Randomized planners

1. RRT-Connect: An Efficient Approach to Single-Query Path Planning
   James J. Kuffner, Steven M. LaValle
   ICRA 00

2. Randomized Kinodynamic Planning
   Steven M. LaValle , James J. Kuffner
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3. Dynamic-Domain RRTs: Efficient Exploration by Controlling the Sampling Domain
   Anna Yershova, Léonard Jaillet, T. Simelon, S. LaValle
   ICRA 05

4. An Efficient Retraction-based RRT Planner
   Liangjun Zhang, Dinesh Manocha
   ICRA 08

5. Anytime RRTs
   Ferguson, D. Stentz, A.
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Dynamic environments

6. Real-time randomized path planning for robot navigation
   Bruce, J. Veloso, M.
   IROS 02

7. Replanning with RRTs
   D. Ferguson, N. Kalra, A. Stentz
   ICRA06

8. Multipartite RRTs for Rapid Replanning in Dynamic Environments

Matthew Zucker, James Kuffner, and Michael Branicky
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9. Motion planning using dynamic roadmaps
   M Kallman, M Mataric
   ICRA 2004

10. A PRM-based motion planner for dynamically changing environments
    L Jaillet, T Simeon
    IROS 04

11. Roadmap-based motion planning in dynamic environments
    Jur P. van den Berg, Mark H. Overmars
    IEEE Transactions on Robotics, 05

12. Safe motion planning in dynamic environments
    S Petti, T Fraichard
    IROS 05

Multiple agents

13. Multiple robot path coordination using artificial potential fields
    CW Warren
    ICRA 90

14. Multiple path coordination for mobile robots: A geometric algorithm
    S Leroy, JP Laumond, T Siméon
    Int. Joint Conf. on AI, 99

15. Reactive deformation roadmaps: Motion planning of multiple robots in dynamic environments
    R Gayle, A Sud, M Lin, D Manocha
    IROS 07

16. Continuum crowds
    A Treuille, S Cooper, Z Popović –

SIGGRAPH 06

17. Big fast crowds on ps3
    C Reynolds
    Symp. on Videogames 06

18. Reciprocal Velocity Obstacles for real-time multi-agent navigation
    J Van den Berg, M Lin, D Manocha -
    ICRA 08

19. Multi-Robot Coordination using Generalized Social Potential Fields
    R. Gayle, W. Moss, M. C. Lin, D. Manocha
    ICRA 09