

Institut für Diskrete Mathematik

Vortrag im Seminar Kombinatorik und Optimierung

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Seminarraum AE06, Steyrergasse 30, Parterre

Motion planning and random graphs

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I will give an introduction to Motion Planning, a branch of computational robotics with many intersections to computational geometry. Recently, the study of random graphs became an extremely popular topic in this context. I will give an overview of the seminal paper “Sampling-based Algorithms for Optimal Motion Planning” by Karaman and Frazzoli (2011) and explain the connection in some detail.

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