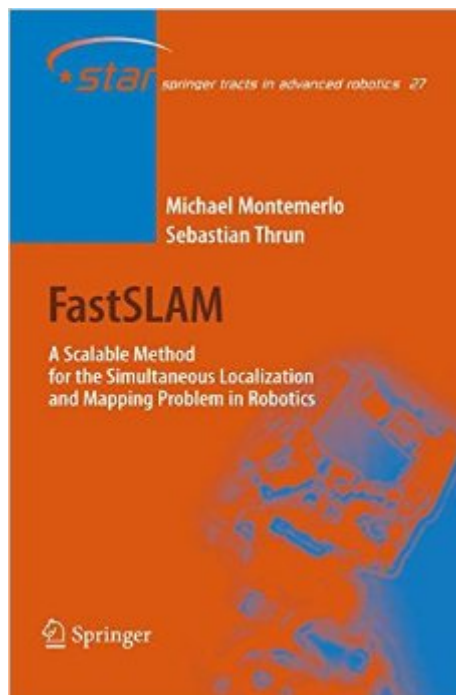# FastSLAM: A Scalable Method For The Simultaneous Localization And Mapping Problem In Robotics (Springer Tracts In Advanced Robotics)

Synopsis

This monograph describes a new family of algorithms for the simultaneous localization and mapping (SLAM) problem in robotics, called FastSLAM. The FastSLAM-type algorithms have enabled robots to acquire maps of unprecedented size and accuracy, in a number of robot application domains and have been successfully applied in different dynamic environments, including a solution to the problem of people tracking.

Book Information

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