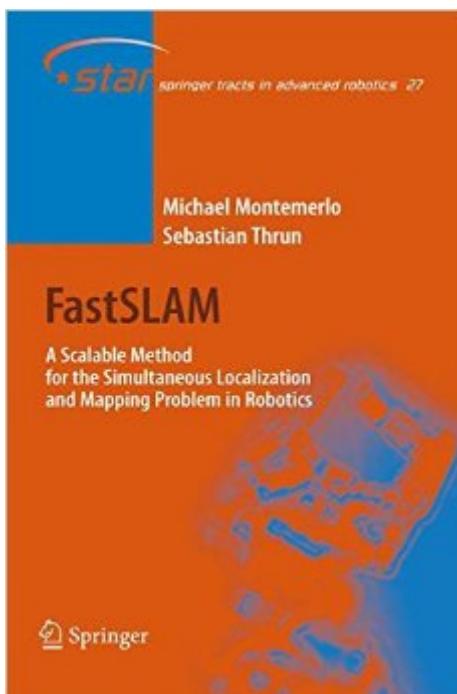


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This monograph describes a new family of algorithms for the simultaneous localization and mapping (SLAM) problem in robotics, called FastSLAM. The FastSLAM-type algorithms have enabled robots to acquire maps of unprecedented size and accuracy, in a 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

Series: Springer Tracts in Advanced Robotics (Book 27)

Hardcover: 120 pages

Publisher: Springer; 2007 edition (March 5, 2007)

Language: English

ISBN-10: 3540463992

ISBN-13: 978-3540463993

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