



Springer books available as

 Printed book

Available from springer.com/shop

 eBook

Available from your library or
► springer.com/shop

 MyCopy

Printed eBook for just

► € | \$ 24.99

► springer.com/mycopy

Springer Tracts in Advanced Robotics

Series Editors: B. Siciliano, O. Khatib

The Springer Tracts in Advanced Robotics (STAR) publish new developments and advances in the fields of robotics research, rapidly and informally but with a high quality. The intent is to cover all the technical contents, applications, and multidisciplinary aspects of robotics, embedded in the fields of Mechanical Engineering, Computer Science, Electrical Engineering, Mechatronics, Control, and Life Sciences, as well as the methodologies behind them. Within the scope of the series are monographs, lecture notes, selected contributions from specialized conferences and workshops, as well as selected PhD theses.

Special offer: For all clients with a print standing order we offer free access to the electronic volumes of the Series published in the current year.

Indexed by DBLP, Compendex, EI-Compendex, SCOPUS, Zentralblatt Math, Ulrich's, MathSciNet, Current Mathematical Publications, Mathematical Reviews, MetaPress and Springerlink.

Recently published:

R. Valencia, J. Andrade-Cetto

Mapping, Planning and Exploration with Pose SLAM

Vol. 119

P. Corke

Robotics, Vision and Control

Fundamental Algorithms In MATLAB® Second, Completely Revised, Extended And Updated Edition, Vol. 118

J.-P. Laumond, N. Mansard, J.-B. Lasserre (Eds.)

Geometric and Numerical Foundations of Movements

Vol. 117

Upcoming Volumes:

M. Spencko, S. Buerger, K. Iagnemma (Eds.)

The Darpa Robotics Challenge Finals: Humanoid Robots To The Rescue

Vol. 121

E. Garcia-Fidalgo, A. Ortiz

Methods for Appearance-based Loop Closure Detection

Applications to Topological Mapping and Image Mosaicking, Vol. 122



Submission information at the [series homepage](http://series.homepage) and springer.com/authors

Order online at springer.com ► or for the Americas call (toll free) 1-800-SPRINGER ► or email us at: customerservice@springer.com. ► For outside the Americas call +49 (0) 6221-345-4301 ► or email us at: customerservice@springer.com.