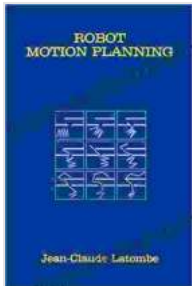# Robot Motion Planning

Robot Motion Planning (The Springer International Series in Engineering and Computer Science Book 124)

by Jean-Claude Latombe

★★★★☆ 4.6 out of 5

Language   : English
File size   : 9901 KB
Text-to-Speech : Enabled
Print length   : 651 pages
Screen Reader   : Supported

The Springer International Publishing in Engineering and Computer Science Book Series

This book series focuses on advances in the state of the art of robot motion planning, including theoretical and experimental results, as well as industrial applications. It covers a wide range of topics, from fundamental algorithms and techniques to applications in various domains, such as mobile robotics, industrial robotics, space robotics, and humanoid robotics.

The series is edited by Marco Hutter, Professor of Robotics and Intelligent Systems at the ETH Zurich. He is a leading expert in robot motion planning and has published over 100 papers on the topic. He is also the author of the textbook "Robot Motion Planning: A Tutorial."

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This book series is an essential resource for researchers and practitioners in the field of robot motion planning. It provides a comprehensive overview of the latest advances in the field and offers insights into the future directions of research.

About the Editor

Marco Hutter is Professor of Robotics and Intelligent Systems at the ETH Zurich. He is a leading expert in robot motion planning and has published over 100 papers on the topic. He is also the author of the textbook "Robot Motion Planning: A Tutorial."

Hutter's research interests include robot motion planning, humanoid robotics, legged robotics, and mobile robotics. He has developed a number of novel algorithms for robot motion planning, including the RRT-Connect algorithm and the CHOMP algorithm. He has also developed a number of humanoid robots, including the ANYmal robot and the ANYmal C robot.

Hutter is a Fellow of the IEEE and the European Robotics Society. He is also a member of the Swiss Academy of Engineering Sciences.
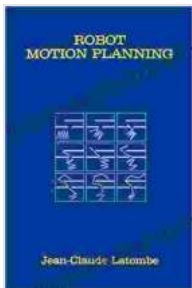
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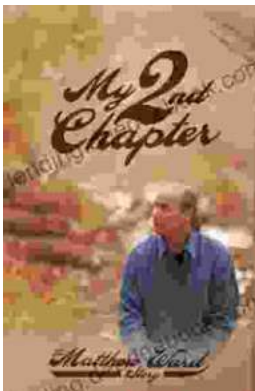
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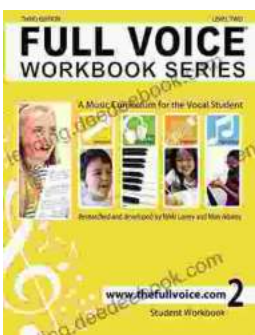File size   : 9901 KB
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