



Geometry-based robotics - (2nd Edition)

By SI LI GE

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 360 Publisher: Tsinghua University Press Pub. Date :2008-7-1. Geometry-based robotics is a film about robotics has important applications in the exciting introduction of geometric concepts. Version 2 provides in-depth to explain the contents of related fields. and still maintain a unique style: its focus is not focused on the kinematics and robotics calculations. but on the latest materials containing extremely important. they reflect this an important progress in the field. and robotics and geometric group theory and the mathematical basis together. Main features: first of algebraic geometry. differential geometry and Lie groups and Lie algebras a brief overview of basic concepts; with a new chapter analyzes the Clifford algebra and the robot kinematics and three-dimensional Euclidean geometry linkages; use of robotics in the example to illustrate mathematical concepts and methods; use of new methods to solve the robot design and control of the important issues; application of the intersection theory of rigid-body motion group is given in the well-known robot kinematics solution to the problem of enumeration ; new content in another chapter. the constraints for the...



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