DESCRIPTION

Now in its second edition, Introduction to Robotics is intended for senior and introductory graduate courses in robotics. Designed to meet the needs of different readers, this book covers a fair amount of mechanics and kinematics, including manipulator kinematics, differential motions, robot dynamics, and trajectory planning. It also covers microprocessor applications, control systems, vision systems, sensors, and actuators, making the book useful to mechanical engineers, electronic and electrical engineers, computer engineers and engineering technologists. A chapter on controls presents enough material to make the understanding of robotic controls and design accessible to those who have yet to take a course in control systems.

ABOUT THE AUTHOR


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