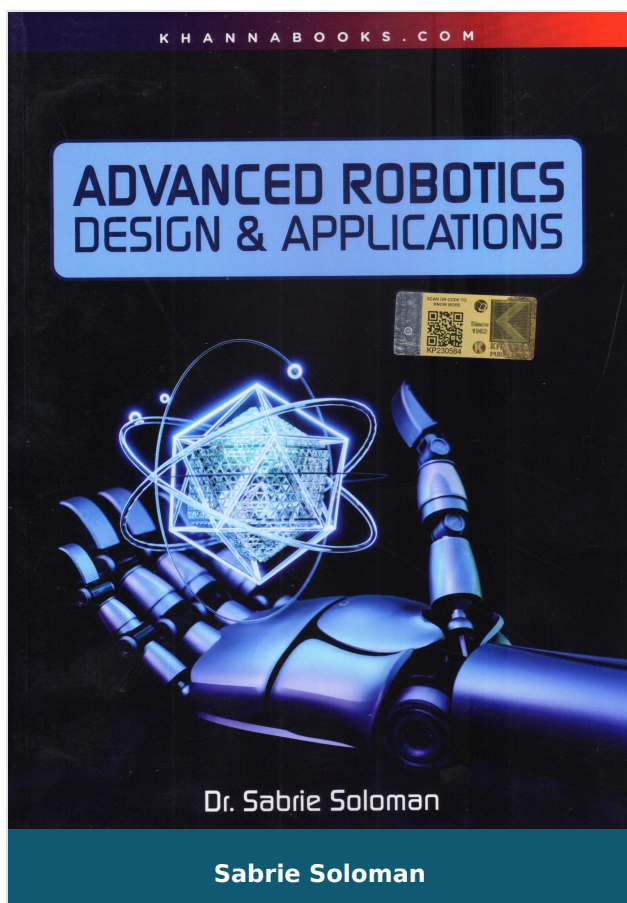




Advanced Robotics Design & Applications

Author :	Sabrie Soloman
ISBN 13 :	978-93-55382-00-9
ISBN 10 :	9355382006
E-ISBN 13 :	978-93-55382-00-9
Edition :	1
Pages :	280
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 498.00
Categories :	Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Product Description

This book delivers an outline of an introduction to articulated robot mechanisms. Dynamics, and intelligent controls. Applications and exercises are tailored to experience servo-drives implementation. real-time control. Exercises are particularly composed for students to design and fabricate practical working robotic systems in supervised group-setting environments.

* Artificial Intelligence (AI) in Humanoids-for Good not Evil.

* Medical & Surgical Robots.

* Nano Robots (Swarm) in Blood Cells Fighting Cancer.

* Robot in Hazard Environment.

* Military Robot-The Death Machine.

* Galactic Robots-Mars Rovers.

* Enhancing the National Economy of a Nation.

* Robotics World- Championship.

*Robots-Friend of Foe?

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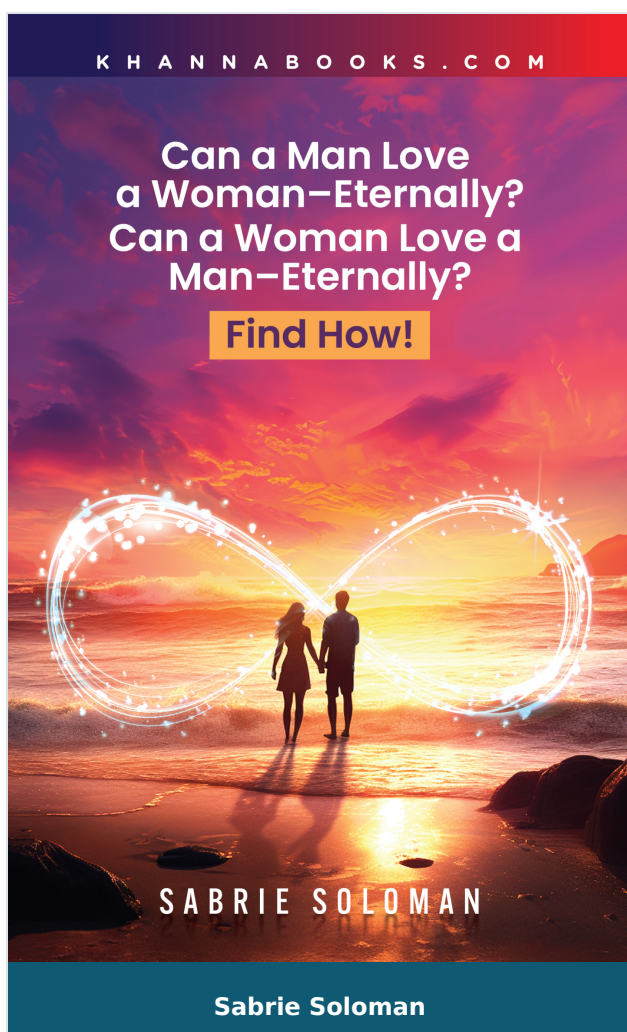
- CONTENTS:
- Advanced Robot Technology Application and Design
- Robot Manipulator Design
- Advanced Robotic Applications in Manufacturing
- Actuators and Control Systems
- Robot Mechanism
- Geometry of Motion
- Mathematical Differential Motion
- Robotic Force and Moments
- Applied Forces and Energy
- Humanoid Robots- Factory of the Future

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Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation, Introduction to Electromechanical Engineering, Modern Welding Technology, to name a

few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA



Can A Man Love a Woman - Eternally? Can a Woman Love a Man - Eternally? Find How

Author :	Sabrie Soloman
ISBN 13 :	978-93-55382-17-7
ISBN 10 :	9355382170
E-ISBN 13 :	978-93-55382-17-7
Edition :	First
Pages :	704
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
Categories :	New Arrivals, General Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Can a man love a woman - Eternally? Can a women love a men -Eternally? Find How!

This thoughtful book explores the timeless essence of romantic love between man and women through scriptural, moral, and emotional lenses. It highlights the roles of sacrificial love, mutual respect, and personal growth in relationships. Drawing from ancient wisdom and modern insights, it guides couples to nurture enduring, spiritually rooted bonds. This book encourages understanding, commitment, and transformation: making it meaningful companion for anyone seeking a deeper, lasting connection in today's evolving world.

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