



# Mechatronics (Engineering)

By G. Hegde

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Mechatronics integrates key systems from mechanical, electrical, electronic, and computer engineering to manufacture industrial products, processes, and operations. Intended as a textbook for courses in mechatronics or as an up-to-date reference for practicing engineers, the book uses extensive in-text, solved examples and computer simulations to cover the basic concepts. This book contains information from both the theoretical and application perspectives related to mechatronic systems. The self-explanatory block diagrams, examples, and numerous illustrations provide the reader with a self-study text to develop systems with motors, circuits, microprocessors, and controls. A CD-ROM with numerous simulations, software, and third-party applications accompanies the print version of the text.

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## **Mechatronics (Engineering) By G. Hegde Bibliography**

- Sales Rank: #1821912 in eBooks
- Published on: 2009-06-23
- Released on: 2009-06-23
- Format: Kindle eBook

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### **About the Author**

G. Hegde, (PhD) has written many books on electrical and computer engineering including Industrial Robotics. His areas of interest are design, optimization, CFD, FEM, robotics & control theory. He has published several articles for international conferences and journals.

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