



LAMBERT
Academic Publishing



Mechatronics Design And Robotics

Embedded Control, Wheeled & Insect
Robots

Ng Tian Seng

ISBN: 978-3-659-69522-3

Mechatronic systems are being applied in daily life. Household appliances like the washing machines, remote control TVs, vacuum cleaners, etc, all employ mechatronics. As such, improvements in the mechatronics design is inevitable. The book encompasses the usages of Basic Stamp microcontrollers in the process control system, mechatronics design and motor control techniques with applications in robotics. Remote control, as well as autonomous robot control systems, have been designed and programmed. This book explains the concept of the rotating wheels of the tricycle robots. Besides, two different types of the insect robot structure platforms are being constructed and studied. Readers can gain invaluable knowledge on the control of the six-legged robots. Numerous example programs and circuit diagrams provide better understandings for readers also. The book is suitable for academia, educators, students of 12th grades and above and those who are interested in the field of robotics and mechatronics.



www.get-morebooks.com

**More
Books!**



www.lap-publishing.com