



## Modeling, Control and Coordination of Helicopter Systems (Hardback)

By Beibei Ren, Shuzhi Sam Ge, Chang Chen

Springer-Verlag New York Inc., United States, 2011. Hardback. Condition: New. 2012. Language: English . Brand New Book. Modeling, Control and Coordination of Helicopter Systems provides a comprehensive treatment of helicopter systems, ranging from related nonlinear flight dynamic modeling and stability analysis to advanced control design for single helicopter systems, and also covers issues related to the coordination and formation control of multiple helicopter systems to achieve high performance tasks. Ensuring stability in helicopter flight is a challenging problem for nonlinear control design and development. This book is a valuable reference on modeling, control and coordination of helicopter systems, providing readers with practical solutions for the problems that still plague helicopter system design and implementation. Readers will gain a complete picture of helicopters at the systems level, as well as a better understanding of the technical intricacies involved.

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