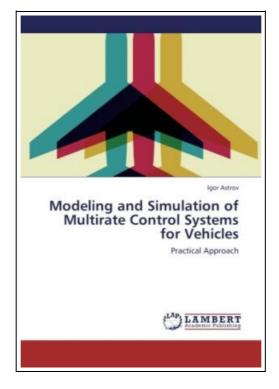
# Modeling and Simulation of Multirate Control Systems for Vehicles



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#### Reviews

Extensive manual! Its such a great read. It really is loaded with knowledge and wisdom You wont really feel monotony at at any time of your time (that's what catalogs are for regarding if you ask me).

(Myrl Hintz)

## MODELING AND SIMULATION OF MULTIRATE CONTROL SYSTEMS FOR VEHICLES



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Practical Approach | In today s world, the improved parameters of multirate control systems include the lasting impact on society such as energy economics. Multirate control system uses from two to many different rates of response based on various dynamic behaviors of decomposed subsystems. This book provides basic approaches for the modeling and simulation of multirate control systems with using the MATLAB/Simulink environment for such different systems as tracked vehicle, experimental aircraft, fighter aircraft, Lockheed L-1011 aircraft, supersonic missile, Boeing B767 aircraft and autonomous underwater vehicle. All the considered models demonstrated good performance for more fast stabilization of multirate control systems in comparison with single-rate control systems, consequently, economy in energy for multirate control systems in comparison with original single-rate control systems can be achieved. This turns the content of this book into a valuable resource for researchers, academics, graduate and postgraduate students and for those specialists in research establishments who are concerned with multirate control systems. | Format: Paperback | Language/Sprache: english | 116 pp.



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