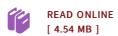




Implementation Challenges for Multivariable Control: What You Did Not Learn in School (Paperback)

By Sanjay Garg

Bibliogov, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book
****** Print on Demand ******. Multivariable control allows controller designs that can provide
decoupled command tracking and robust performance in the presence of modeling uncertainties.
Although the last two decades have seen extensive development of multivariable control theory and
example applications to complex systems in software/hardware simulations, there are no
production flying systems aircraft or spacecraft, that use multivariable control. This is because of
the tremendous challenges associated with implementation of such multivariable control designs.
Unfortunately, the curriculum in schools does not provide sufficient time to be able to provide an
exposure to the students in such implementation challenges. The objective of this paper is to share
the lessons learned by a practitioner of multivariable control in the process of applying some of the
modern control theory to the Integrated Flight Propulsion Control (IFPC) design for an advanced
Short Take-Off Vertical Landing (STOVL) aircraft simulation.



Reviews

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This ebook will not be simple to start on looking at but really enjoyable to read. It is one of the most awesome book we have study. Your life span is going to be transform when you complete looking over this pdf.

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