



Control Reconfiguration of Dynamical Systems: Linear Approaches and Structural Tests

By Thomas Steffen

Springer. Paperback. Book Condition: New. Paperback. 270 pages. Dimensions: 9.2in. x 6.1in. x 0.7in. Reconfiguration, an approach for fault-tolerant control, involves changing the control structure in response to the fault. This monograph extends this idea to actuator faults and studies in detail the so-called virtual actuator approach. Control Reconfiguration of Dynamical Systems also introduces structural analysis as a tool for reconfiguration. Because a fault changes the structure of the system, the reconfiguration solution is sought on a structural level. Novel algorithms are presented to test for reconfigurability and to find a reconfiguration solution. A MATLAB toolbox is supplied, which contains the main algorithms and examples. The book addresses advanced engineering students, developers and researchers that have a specific interest in control reconfiguration. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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Reviews

Very useful to any or all group of folks. It really is rally interesting throgh reading through period of time. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Mrs. Dorris Wintheiser

Just no terms to describe. This is for those who statte that there was not a worth studying. I am just easily can get a enjoyment of studying a written ebook.

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