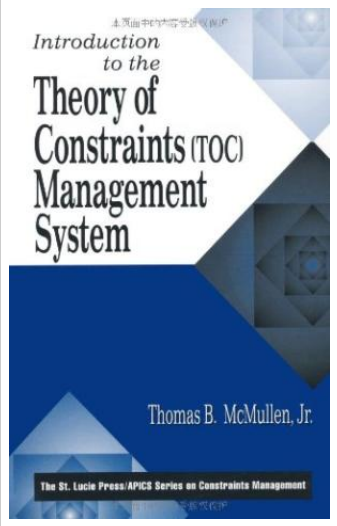

Introduction to the Theory of Constraints (Toc) Management System

By Guang-Hong Yang

CRC Press. Hardcover. Book Condition: New. Hardcover. 264 pages. Dimensions: 9.4in. x 6.4in. x 0.9in.More and more, the advanced technological systems of today rely on sophisticated control systems designed to assure greater levels of safe operation while optimizing performance. Rather than assuming always perfect conditions, these systems require adaptive approaches capable of coping with inevitable system component faults. Conventional feedback control designs do not offer that capability and can result in unsatisfactory performance or even instability, which is totally unacceptable in complex systems such as aircraft, spacecraft, and nuclear power plants where safety is a paramount concern. Reliable Control and Filtering of Linear Systems with Adaptive Mechanisms presents recent research results that are advancing the field. It shows how adaptive mechanisms can be successfully introduced into the traditional reliable controlfiltering, so that, based on the online estimation of eventual faults, the proposed adaptive reliable controllerfilter parameters are updated automatically to compensate for any fault effects. Presenting a new method for fault-tolerant control (FTC) in the context of existing research, this uniquely cohesive volume, coauthored by two leading researchers Focuses on the issues of reliable controlfiltering in the framework of indirect adaptive method and LMI techniques Starts from the development and...

Reviews

A brand new e book with a brand new standpoint. I have read through and that i am certain that i am going to gonna go through again once more in the future. Its been developed in an remarkably simple way in fact it is merely right after i finished reading through this book in which basically modified me, modify the way in my opinion.

-- ***Prof. Llewellyn Thiel***

This publication is indeed gripping and interesting. It is rally exciting throgh reading period of time. I am just happy to inform you that this is the very best publication i actually have go through during my individual existence and could be he finest pdf for ever.

-- ***Miss Lela VonRueden***