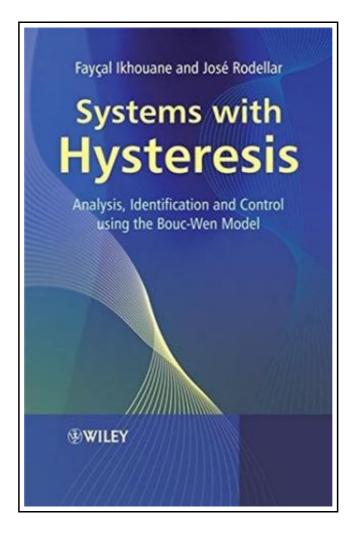
Systems with Hysteresis: Analysis, Identification and Control Using the Bouc-Wen Model



Filesize: 1.96 MB

Reviews

An exceptional ebook and also the typeface applied was intriguing to read through. I have got read and i also am sure that i am going to likely to go through yet again once more in the foreseeable future. I discovered this pdf from my dad and i advised this ebook to find out.

(Dr. Raven Ledner)

SYSTEMS WITH HYSTERESIS: ANALYSIS, IDENTIFICATION AND CONTROL USING THE BOUC-WEN MODEL



John Wiley and Sons Ltd. Hardback. Book Condition: new. BRAND NEW, Systems with Hysteresis: Analysis, Identification and Control Using the Bouc-Wen Model, Jose Rodellar, Faycal Ikhouane, Hysterisis is a system property that is fundamental to a range of engineering applications as the components of systems with hysterisis are able to react differently to different forces applied to them. Control theory is used to model these complex systems and cause them to behave in the desired manner; the Bouc-Wen model is a well-known semiphysical model that is used extensively to describe the hysterisis of systems in the areas of smart structures and civil engineering. The Bouc-Wen model for system hysterisis has increased in popularity due to its capability of capturing in an analytical form a range of shapes of hysteretic cycles that match the behaviour of a wide class of hysteretic systems. "Systems with Hysterisis: Analysis, Identification and Control using the Bouc-Wen Model" deals with the analysis, identification and control of these systems, and offers a comprehensive and selfcontained framework for the study of the Bouc-Wen model.* Includes the latest techniques for modelling smart structures and materials* Provides a rigorous mathematical treatment of the subject along with practical comments, numerical solutions and a case study of magentorheological (MR) dampers.* Begins by analysing the compatibility of the Bouc-Wen model with the laws of physics, and continues to cover the relationship between the model parameters and hysterisis loop, identification of the model parameters and control of systems that include a hysteretic part described by the Bouc-Wen model.* Includes case studies covering the identification and control of smart material transducers for use in automotive, aerospace and structural control Systems with Hysterisis: Analysis, Identification and Control using the Bouc-Wen Model offers an invaluable source of ideas, concepts and insights for engineers, researchers, lecturers and senior/...

- Read Systems with Hysteresis: Analysis, Identification and Control Using the Bouc-Wen Model Online
- Download PDF Systems with Hysteresis: Analysis, Identification and Control Using the Bouc-Wen Model

You May Also Like



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English. Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

Save PDF »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: The Backpack (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It...

Save PDF »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: The Sing Song (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 176 x 150 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It...

Save PDF »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: The Fizz-buzz (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It...

Save PDF »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Egg Fried Rice (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 \times 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It...

Save PDF »