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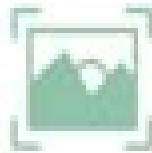


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Pattern Recognition Applications To Large Data Set Problems

Colonel Wm. T. McLyman



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Algorithms for Computer-Aided Design of Multivariable Control Systems S. Bingulac, 2018-10-08 This reference text discusses the structure and concepts of multivariable control systems offering a balanced presentation of theory algorithm development and methods of implementation The book contains a powerful software package L A S Linear Algebra and Systems which provides a tool for verifying an analysis technique or control design Reviewing the fundamentals of linear algebra and system theory Algorithms for Computer Aided Design of Multivariable Control Systems supplies a solid basis for understanding multivariable systems and their characteristics highlights the most relevant mathematical developments while keeping proofs and detailed derivations to a minimum emphasizes the use of computer algorithms provides special sections of application problems and their solutions to enhance learning presents a unified theory of linear multi input multi output MIMO system models and introduces new results based on pseudo controllability and pseudo observability indices furnishing algorithms for more accurate internodel conversions Illustrated with figures tables and display equations and containing many previously unpublished results Algorithms for Computer Aided Design of Multivariable Control Systems is a reference for electrical and electronics mechanical and control engineers and systems analysts as well as a text for upper level undergraduate graduate and continuing education courses in multivariable control

Two-Dimensional Digital Filters Wu-Sheng Lu, 2020-08-11 Presents basic theories techniques and procedures used to analyze design and implement two dimensional filters and surveys a number of applications in image and seismic data processing that demonstrate their use in real world signal processing For

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Dynamic Models and Discrete Event Simulation W. Delaney, 2020-11-25 This book aims to clarify exactly how simulation studies can be carried out in the system theory paradigm while providing a realistically complete coverage of discrete event simulation in its more traditional aspects It focuses on the subclass of predictive generative and dynamic system models

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