

Intelligent Computer Techniques in Applied Electromagnetics // 9783540784890 // Springer Science & Business Media, 2008 // 304 pages // Slawomir Wiak, Andrzej Krawczyk, Ivo Dolezel // 2008

Handbook of Digital Techniques for High-Speed Design: Design Examples, Signaling & Memory Technologies, Fiber Optics, Modeling & Simulation to Ensure Signal Integrity. Digital Signal Integrity: Modeling & Simulation with Interconnects & Packages. High-Speed Digital Design: A Handbook of Black Magic. Electrical Modeling & Design for 3D System Integration. Intelligent Computer Techniques in Applied Electromagnetics. Computational Electromagnetics. Fundamentals of Electromagnetics With MATLAB. See more ideas about electrical engineering books, electrical engineering, books. Electromagnetics | Download free books legally. This is an open educational resource intended to serve as a primary textbook for a one-semester first course in undergraduate engineering electromagnetics, and includes electric and magnetic fields; electromagnetic properties of materials; electromagnetic waves; and devices. Electrical Engineering Books Free Books Author How To Plan Writers. An introduction to the field of intelligent control with a broad treatment of topics by several authors (including hierarchical / distributed intelligent control, fuzzy control, expert control, neural networks, planning systems, and applications). Presents interesting applications of novel intelligent techniques to electromagnetic systems. Buy this book. eBook \$209.00. price for USA in USD. It is the tradition of ISEF meetings that they try to tangle quite a vast area of computational and applied electromagnetics. The methods of evaluation and control of electromagnetic field which base on Artificial Intelligence (AI) constitute the core of majority of the papers presented during ISEF'07 conference. The papers selected to this volume are linked with the AI theory and methodology, i.e. they do not use the numerical method automatically but they attempt to contribute some new AI tools to computer modelling. This book contains selected papers presented at the International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering ISEF'07 which was held in Prague, Czech Republic, September 13-15, 2007. It is the tradition of ISEF meetings that they try to tangle quite a vast area of computational and applied electromagnetics. The methods of evaluation and control of electromagnetic field which base on Artificial Intelligence (AI) constitute the core of majority of the papers presented during ISEF'07 conference. The papers selected to this volume are linked with the Slawomir Wiak Andrzej Krawczyk Ivo Dolezel (Eds.) Intelligent Computer Techniques in Applied Electromagnetics. With 201 Figures and 24 Tables. ABC. This book contains papers presented at the International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering ISEF'07 which was held in Prague, the Czech Republic, from September 13 to 15, 2007. ISEF conferences have been organized since 1985 and from the very beginning it was a common initiative of Polish and other European researchers who have dealt with electromagnetic field in electrical engineering.