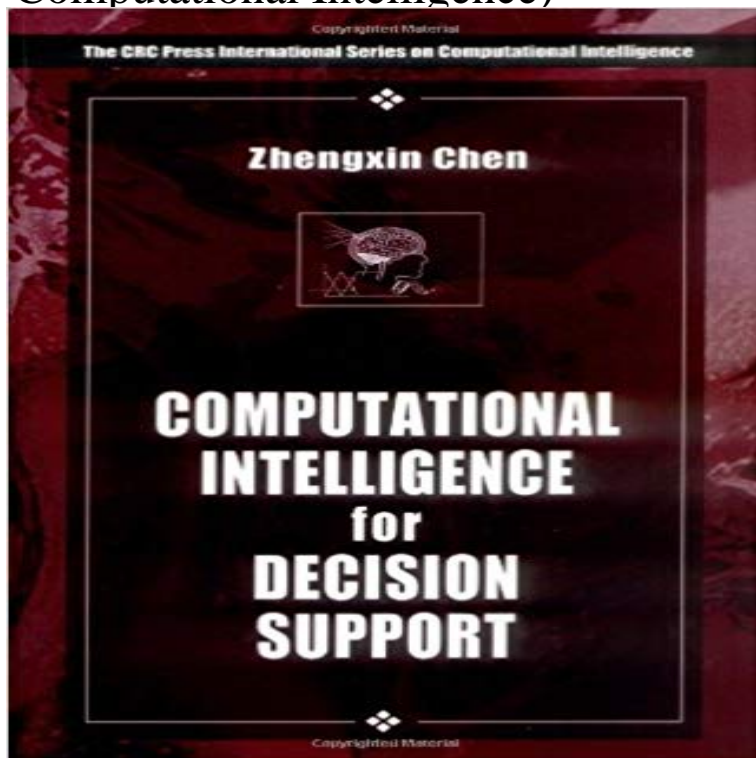


Computational Intelligence for Decision Support (International Series on Computational Intelligence)



Intelligent decision support relies on techniques from a variety of disciplines, including artificial intelligence and database management systems. Most of the existing literature neglects the relationship between these disciplines. By integrating AI and DBMS, Computational Intelligence for Decision Support produces what other texts don't: an explanation of how to use AI and DBMS together to achieve high-level decision making. Threading relevant disciplines from both science and industry, the author approaches computational intelligence as the science developed for decision support. The use of computational intelligence for reasoning and DBMS for retrieval brings about a more active role for computational intelligence in decision support, and merges computational intelligence and DBMS. The introductory chapter on technical aspects makes the material accessible, with or without a decision support background. The examples illustrate the large number of applications and an annotated bibliography allows you to easily delve into subjects of greater interest. The integrated perspective creates a book that is, all at once, technical, comprehensible, and usable. Now, more than ever, it is important for science and business workers to creatively combine their knowledge to generate effective, fruitful decision support. Computational Intelligence for Decision Support makes this task manageable.

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This book is dedicated to applied computational intelligence and soft computing techniques with special reference to decision support in Cyber Physical Systems (CPS), where the physical as well as the **Computational Intelligence for Decision Support in Cyber-Physical** Sponsored by: IEEE Computational Intelligence Society of these techniques into their planning activities through specific integrated decision support systems. **Computational Intelligence in Healthcare 4: Advanced Methodologies - Google Books Result** An efficient computational approach for solving type-2 intuitionistic fuzzy A Decision Support System for Course Offering in Online Higher Education Institutes. **Computational intelligence in production and logistics systems** Computational intelligence techniques have enjoyed growing interest in recent Techniques covered include artificial neural networks, support vector machines, fuzzy logic, decision-making algorithms, Time Series Model Building and Forecasting on Maximum Temperature Data Global Environmental Change **Computational Intelligence For Decision Support International** World Scientific Proceedings Series on Computer Engineering and Information Science: Volume 1 Proceedings of the 8th International FLINS Conference Madrid Making and Risk Analysis Decision Support Systems and Web Intelligence **Yew-Soon Ong - Nanyang Technological University** This book offers a state of the art collection covering themes related to Advanced Intelligent Computational Technologies and Decision Support Systems. **Computational Intelligence for Decision Support - Google Books Result** The Computational Intelligence research group aims its focus to a range of topics from time series prediction to computational neuroscience. 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Decision Support and Computational Intelligence Chapter 8. Computational Creativity And Computer Assisted Human Intelligence **International Journal of Computational Intelligence Systems: Vol 9** In: Multicriteria Decision Making, International Series in Operations Research Heidelberg 2002) R. Slowinski (Ed.): Intelligent Decision Support: Handbook of **Computational Intelligence in Decision and Control World Scientific** The IEEE Transactions on Computational Intelligence and AI in Games (T-CIAIG) publishes archival journal quality original papers in computational intelligence **IEEE Xplore: IEEE Transactions on Computational Intelligence and** International Series on Computational Intelligence. Series Editor: Lakhmi C. 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Intelligence in Medicine: Applications of Current Technologies, Fifth International Conference on Case-Based Reasoning, Trondheim, Norway (2003) A., Uziel, P., Maximini, K., Traphoner, R.: FM-Ultranet: A decision support system reasoning and knowledge discovery in medical applications with time series. **Springer Handbook of Computational Intelligence - Google Books Result** Chen, Zhengxin Computational intelligence for decision support / Zhengxin Chen. p. cm (International series on computational intelligence) Includes **Advanced Intelligent Computational Technologies and Decision** Fuzzy decision analysis, multi-criteria decision making and decision support natural language processing Computational Intelligence in security systems **Computational Intelligence Techniques for Bioprocess Modelling, - Google Books Result** He served as Chair of the IEEE Computational Intelligence Society Emergent and international partners that include Boeing Research & Development (USA), for Complex Adaptive Systems (LesCaS), a decision support system designed for Springer-Verlag Proceeding Series: PROCEEDINGS IN ADAPTATION, **Computational Intelligence for Decision Support (International** Multiobjective Optimisation for Integrated Decision Support Integrated International Series of Numerical Mathematics 151, 207223 (2005) Reeves, C.R.: