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| | Soggetti | Project management |
| | | Industrial management—Environmental aspects |
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| | Nota di contenuto | Performance Enhanced Hybrid Memetic Framework for Effective Coverage Based Test Case Optimization -- An Optimization Procedure for Quadratic Fractional Transportation Problem -- A Nature Inspired PID like Fuzzy Knowledge Based Fractional Order Controller for Optimization -- Neuro-Fuzzy-Rough Classification for Increasing Efficiency and Performance in Case-Based Reasoning Retrieval -- Better Performance of Human Action Recognition from Spatiotemporal Depth Information Features Classification -- Selecting Appropriate Multipath Routing In Wireless Sensor Networks for Improvisation of System's Efficiency and Performance -- A Classification of ECG Arrhythmic Analysis Based on Performance Factors using Machine Learning Approach -- A Time Efficient Semi Automatic Active Contour Model of |

Liver Tumor Segmentation from CT Images -- Denoising 1d Signal Using Wavelets for Signal Quality Enhancement.

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| Sommario/riassunto | This book explores a range of important theoretical and practical issues in the field of computational network application tools, while also presenting the latest advances and innovations using intelligent technology approaches. The main focus is on detecting and diagnosing complex application performance problems so that an optimal and expected level of system service can be attained and maintained. The book discusses challenging issues like enhancing system efficiency, performance, and assurance management, and blends the concept of system modeling and optimization techniques with soft computing, neural network, and sensor network approaches. In addition, it presents certain metrics and measurements that can be translated into business value. These metrics and measurements can also help to establish an empirical performance baseline for various applications, which can be used to identify changes in system performance. By presenting various intelligent technologies, the book provides readers with compact but insightful information on several broad and rapidly growing areas in the computation network application domain. The book's twenty-two chapters examine and address current and future research topics in areas like neural networks, soft computing, nature-inspired computing, fuzzy logic and evolutionary computation, machine learning, smart security, and wireless networking, and cover a wide range of applications from pattern recognition and system modeling, to intelligent control problems and biomedical applications. The book was written to serve a broad readership, including engineers, computer scientists, management professionals, and mathematicians interested in studying tools and techniques for computational intelligence and applications for performance analysis. Featuring theoretical concepts and best practices in computational network applications, it will also be helpful for researchers, graduate and undergraduate students with an interest in the fields of soft computing, neural networks, machine learning, sensor networks, smart security, etc. |