



# Intelligent Automation and Systems Engineering

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Condition: New. Publisher/Verlag: Springer, Berlin | Intelligent systems are required to facilitate the use of information provided by the internet and other computer based technologies. This comprehensive reference book describes the state-of-the-art in Intelligent Automation and Systems Engineering. | Evidence Fusion for Real Time Click Fraud Detection and Prevention.- Biped Locomotion with Arm Swing, Based on Truncated Fourier Series and Bees Algorithm Optimizer.- Bio-inspired Pneumatic Muscle Actuated Robotic System.- Evaluation of an Orthopedic Surgical Robotic System Orthoroby on Bone Cadaver.- Natural Intelligence Based Automatic Knowledge Discovery for Medical Practitioners.- Design and Optimal Control of a Linear Electromechanical Actuator for Motion Platforms.- Design and Optimal Control of a Linear Electromechanical Actuator for Motion Platforms with Six Degrees of Freedom.- Parametric Identification of a Power-system Emulator.- Enhanced Adaptive Controller Applied to SMA Wire Control.- A Standalone System to Train and Evaluate Operators of Power Plants.- Lube Oil Systems Models for Real Time Executions Used on a Training Power Plant Simulator.- Stochastic Analysis and Particle Filtering of the Volatility.- Numerical Simulation of Finite Slider Bearings Using Control Volume Method.- Automated Production Planning and Scheduling System for Composite Component Manufacture.- Assessment Scenarios of Virtual Prototypes of Mining Machines.- A Framework for the Selection of...



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