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Drawing Threaded Programs with AutoCAD Secondary Development

Chapter 3: Measure and Diagnosis, Algorithms and Methods for Processing Data and Signals Design and Implementation of DDFS Based on CORDIC in FPGA; Design and Implementation of Detection System Based on IC; Design and Implementation of Portable Intelligent LCF Measuring Instrument; Design of Digital Filter Based on Numerical Simulation; Multi-Channel SSVEP Pattern Recognition Based on MUSIC; Diagnostic Analysis of Ignition System Fault of Polaris Engine; Design of Reliable Serial Port Transmission Mechanism Based on Zigbee; Improved Statistical Algorithm in Digital Terrain

Electromagnetic Spider Web Application in Earthquake Prediction Tracking Target Identification Model Based on Multiple Algorithms; Comparison of Gas Chromatography and Liquid Chromatogram Detecting Pesticide Residue; Fingerprint Identification Scheme Based on Distribution Density; GPU Parallel Computing Algorithm in Target Tracking of Space; Image Processing Algorithm Based on Solitary Wave; Image Restoration of Depth of Field Extension Imaging System Based on Genetic Algorithm; Research of Speech Recognition Based on Neural Network; Research on Improvement Algorithm of Image Edge Detection Research on Recognition Technology of 2-Dimensional Barcode Study on the Iris Recognition Technology Based on 2D-Gabor Filter; Design and Implementation of Diamond Press'S Pressure Hammer Protection Based on Voiceprint Recognition; Study on 3D Seismic Data Field Hybrid Rendering Technique of Natural Gas Hydrate; Precise Measurement of Temperature Based on Self-Correcting Technique; Design of Quantum Communication Broadband Amplifier Based on Photoelectric Diode; Application and Research of Land Changes Based on GIS and RS Design of High Precision Temperature Sensor Based on Platinum Resistance

| Sommario/riassunto | Collection of selected, peer reviewed papers from the 4th International Conference on Intelligent Structure and Vibration Control (ISVC) 2014, July 25-28, 2014, Chongqing, China. The 199 papers are grouped as follows: Chapter 1: Dynamics of Mechanisms and Machines, Chapter 2: Application of CAD in Mechanical Engineering, Chapter 3: Measure and Diagnosis, Algorithms and Methods for Processing Data and Signals, Chapter 4: Communication and Networks, Chapter 5: Network Security and Digital Surveillance, Chapter 6: Applied Information Technologies, Chapter 7: Multimedia Technologies, Chapter 8: |