

Advantages and limitations of an approach to bioimpedance data acquisition and processing relying on fast low bit rate ADCs

Bilinskis, Ivars; Sudars, K.; **Min, Mart; Annus, Paul** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 245-248 : ill

Analysis of switching properties of different high voltage IGBTs operating under hard-switching conditions

Blinov, Andrei; Jalakas, Tanel; Vinnikov, Dmitri; Laugis, Juhan BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 323-326 : ill

Application of bidding automata for measuring the informativeness of hand motion characteristic features

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Arterial pulse waveform dependence on applied pressure

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Automated neural network model selection algorithm for feedback linearization based control

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Automatic asphalt pavement crack detection and classification using neural networks

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Chirp-based impedance spectroscopy pf piezo-sensors

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Comparative study of capacitor-assisted extended boost qZSIs operating in continuous conduction mode

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Comparison of individual SiC JBS chips and JBS stacks connected in series by diffusion welding

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Complementary multi guard ring JBS structures : numerical analysis

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Defect-oriented BIST quality analysis

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Design concepts for a hybrid diesel electric shunting locomotive powertrain

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Development of the model for the optical multiwavelength monitoring of creatinine in the spent dialysate

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Fabrication methods for microfluidic lab-on-chips

Giannitsis, Athanasios; Min, Mart BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 69-72

Low power CMOS current source for shortened square wave signals

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Macro level defect-oriented diagnosability of digital circuits

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Medical and context data acquisition system for patient home monitoring

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Model-based synthesis of reactive planning on-line testers for non-deterministic embedded systems

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Model-driven development method of the virtual data warehouse

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Neural network based system for real-time organ recognition by analysis of sequence of endoscopic images received during surgical operation

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On-line monitoring of dialysis adequacy using diasens optical sensor: accurate Kt/V estimation by smoothing algorithms

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Optimization of FPGA-based circuits for recursive data sorting

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Register-transfer level deductive fault simulation using decision diagrams

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Short-time chirp excitations for using in wideband characterization of objects: an overview

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Simple DSP interface for impedance spectroscopy of piezo-sensors

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Smart sensing and Time of Arrival based location detection in Parking Management Services

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Soft-switching capability analysis of a qZSI-based DC/DC converter

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Thomas Johann Seebeck and his contribution to the modern science and technology

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Timed automata based provably correct robot control

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Usage of microfluidic lab-on-chips in biomedicine

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Variable byte-length data compression algorithm

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