

Analysis of drawbacks and reconstruction problems of the R2-type train

Laugis, Juhan; Vinnikov, Dmitri; Boiko, Vitali The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 355-358 : ill

Analysis of peak current for current crowding effect in 4H- and 6H-SiC Schottky structures

Kurel, Raido; Rang, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 235-236 : ill

An analytical approach to low-power gated-clock finite-state machine solutions

Liiver, Aimar; Tammemäe, Kalle; Kruus, Margus The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 67-70 : ill

A brief survey of exciton concentration models for Si

Velme, Enn; Udal, Andres The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 19-22 : ill

The class of test signals for dynamic testing of AD converters

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CMOS SP chip for resistor type semiconductor gas sensors

Kasemaa, Argo; Rang, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 255-256 : ill

Combining learning, training and research in laboratory course for design and test

Ubar, Raimund-Johannes; Orasson, Elmet; Raik, Jaan; Wuttke, Heinz-Dietrich The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 221-224 : ill

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Commutation processes in the diode bridge of resonant converter with alternating parallel and series resonance

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 205-208 : ill

Comparative characteristics of diffusion welded Al contacts to 6H- and 4H-SiC substrates

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Design of three-rate continuous-time subcontrollers for the multidimensional stochastic state-space model of an experimental aircraft

Astrov, Igor; Pedai, Andrus; Rüstern, Ennu The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 277-280 : ill

Design of two-rate decentralized linear quadratic regulators for continuous-time stochastic multivariable control systems

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Design of two-rate stochastic multivariable discrete-time control systems

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Fault oriented test pattern generation for sequential circuits using Genetic Algorithms

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Fault prediction in power network

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Finite state machine synthesis for low power using input-disabling precomputation architectures

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Genetic algorithms in transparent fuzzy modeling

Riid, Andri; Jartsev, Pavel; Rüstern, Ennu The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 91-94 : ill

Greedy alternative for the static compaction of sequential circuit test sequences

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Hierarchical fault simulation for finite state machines

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High power factor single- and three-phase diode rectifiers using parallel re-rectification of the ripple power

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Increasing the speed of delay simulation in digital circuits

Ubar, Raimund-Johannes; Jutman, Artur The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 31-34 : ill

Kalman Tarnay (1929 - 1998)

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Low power SC structures with low threshold MOS switches

Männama, Vello; Sabolotny, Rein The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 75-78 : ill

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Mapping of VHDL structures for generic EDA database format IRSYD

Ivask, Eero; Ellervee, Peeter The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 317-320 : ill

Mechatronics in initial vocational training

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A modified frequency error estimator for the block adaptive Fourier analyzer

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Numerical calculations of electrotechnics

Liivik, Liisa; Jansikene, Raik The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 229-230 : ill

Phase-frequency detector modeling for the PLL applications

Männama, Vello; Paavle, Toivo The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 119-122 : ill

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Preliminary approach to the timing measurements for reverse recovery applied to the SiC Schottky diode model

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Signal distortions caused by multipath propagation in DAB transmission

Meister, Ants; Lossmann, Eerik; Martverk, Peep The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 337-340 : ill

Simulation of digital systems with high-level decision diagrams

Morawiec, Adam; **Raik, Jaan; Ubar, Raimund-Johannes** The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 35-38 : ill

A spectrum-based technique to analyze a pair of digitized signals

Lossmann, Eerik; Tuulik, Viiu; Meister, Ants; Raja, Aimur The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 177-178 : ill

Tram traction drives and comparison of their control methods

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Virtual laboratory for research in dependable microelectronics

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