

A new pipeline architecture for low power digital FIR filters

Paik, Woo-Hyun; Ki, Hoon-Jae; Yoo, Jang-Sik; Kim, Soo-Won BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 131-134: ill

AC measurements with digital signal processing

Märtens, Olev BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 121-122: ill

Adaptive transversal filter with adaptive non-linear feedback as a frequency-locked loop

Ronk, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 135-138: ill

Ambient temperature influence on current suppressing effect caused by self-heating phenomenon at 6H-SiC Schottky interfaces

Kurel, Raido; Rang, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 253-254: ill

An elliptic curve conference key distribution system

Petac, E.; Petac, D. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 359-362

An improved test generation approach for sequential circuits using decision diagrams

Brik, Marina; Ubar, Raimund-Johannes BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 155-158: ill

Analogue controller of rotation speed for AC motor drives

Bashkys, A.; Gobis, V. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 371-372: ill

Analyses of frequency dependencies of Q factor for planar inductors on silicon

Jankovskis, Janis; Yurshevich, Valentins; Rankis, Gunars BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 231-234

Analysis of defect tolerant crossbar network implementations

Leveugle, R.; Brahic, P. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 37-40: ill

Analysis of the helical structure with axial symmetry

Štaras, Stanislovas; Kleiza, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 349-352: ill

Architecture of high-throughput telecommunication network

Zagursky, V.; Zibnich, Dz.; Gertners, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 207-210: ill

ASIC for alcohol sensor

Kasemaa, Argo; Rang, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 283-286: ill

Behavior modeling of faulty complex VLSIs : why and how?

Leveugle, R. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 191-194: ill

Calculation of testability measures on structurally synthesized binary decision diagrams

Ubar, Raimund-Johannes; Heinlaid, J.; Raik, Jaan; Raun, L. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 179-182: ill

Carrier scattering models for particle dynamics semiconductor device simulation methods

Tarnay, K.; Gali, A.; Csaba, Gy. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 67-70: ill

CATV - architecture and simulation network

Volner, Rudolf; Boreš, Petr; Ticha, Daša BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 211-214: ill

CCD spectrometer for colour measurements

Sokolova, Elena; Silvi, Jacques; Cortes, Santiago Reyes; Santiago, Fatima BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 41-44: ill

Ceramic humidity sensors with intelligent tester of informative parameters

Dunets, B.; Kravtsiv, M.; Vynnyk, I.; Kovalskiy, A.; Shpotyuk, O. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 245-246: ill

A CMOS constant-gm rail-to-rail input stage using a new electronic zener diode

Yu, Chong-Gun; Park, Jong-Tae BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 79-82: ill

A CMOS quadrature baseband frequency synthesizer/modulator

Kosunen, Marko; Vankka, Jouko; Waltari, Mikko; Sumanen, Lauri; Koli, Kimmo; Halonen, Kari BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 219-222: ill

Coherent algorithm for estimation of delay time

Arro, Ilmar; Ruuto, Urmas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 203-206: ill

Compaction of decision diagrams for describing multi-process VHDL descriptions

Leveugle, R.; Saucier, Gabriele; **Ubar, Raimund-Johannes** BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 195-198: ill

Comparison of fuzzy function approximators

Riid, Andri; Rüstern, Ennu BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 139-142: ill

Comparison of genetic and random techniques for test pattern generation

lvask, Eero; Raik, Jaan; Ubar, Raimund-Johannes BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 163-166: ill

Computation of characteristic coefficients of Cuk converter

Niculescu, Elena; Cristea, Amelia-Maria BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 105-108: ill

Contact manufacturing technologies for wide band-gap semiconductor materials (invited)

Rang, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 17-28: ill

A critical study of semiconductor device simulation methods

Tarnay, K. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 9-16: ill

A decision diagram based hierarchical test pattern generator

Jervan, Gert; Markus, Antti; Raik, Jaan; Ubar, Raimund-Johannes BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 159-162: ill

Design model for turbulence induced random intensity distribution simulation in the laser beam cross-section

Taklaja, Andres BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 357-358: ill

Design of a configurable order statistic filter in CMOS VLSI

Hu, M.; Vainio, Olli BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 305-308: ill

Design of broad band excitations with multisines

Dobrowiecki, Tadeusz; Schoukens, Johan BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 151-154: ill

Design of three-rate stochastic multivariable continuous-time control systems

Astrov, Igor; Em, Juri; Rüstern, Ennu BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 325-328: ill

Design of two-rate stochastic multivariable continuous-time control systems: autonomous isolated subsystems with various rates of transients

Astrov, Igor; Em, Juri; Rüstern, Ennu BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 321-324: ill

DICE - an interactive approach to hardware/software co-design of heterogeneous real-time systems

Hollstein, Thomas; Becker, J.; Kirschbaum, A.; Renner, F.-M.; Glesner, M. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 97-100

Diffusion welding technology for 6H-SiC substrates

Korolkov, Oleg; Rang, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 251-252: ill

Digital measurement of periodic signals root-mean-square value

Citavicius, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 317-320: ill

A double-emitter silicon differential strain sensitive transistor with an accelerating field in its base

Babichev, G.G.; Kozlovskii, S.I.; Romanov, V.A.; Sharan, N.N. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 263-264: ill

Electrical engineering challenges for the 21st century

Alaküla, Mats BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 7

Electronic nose module

Misans, Peteris; Osmanis, Ilmars; Kleperis, Janis; Zubkans, Juris; Eglitis, Vilis; Lusiš, Andrejs BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 333-334: ill

Equivalence of circuit models of dc-dc PWM converters

Niculescu, Elena; Vinatoru, M. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 101-104: ill

Experimental sensory device used for touching an object

Purcaru, Dorina-Mioara BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 59-62: ill

Experimental study of the high speed ultrasonic time-of-flight to digit converter

Pamakšis, V.; Daubaris, G.; Kanapienis, A.; Viržonis, D.; Ragauskas, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 273-276: ill

Fiber-optic transducer having nanometric resolution

Verkeliš, J. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 45-48: ill

A 48 by 48 CMOS cellular neural network chip for image processing

Paasio, Ari; Kananen, Asko; Halonen, Kari; Porra, Veikko BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 87-88

Fuzzy classification algorithms for diagnosing the CNS vigilance levels

Raja, Aimur; Meister, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 315-316: ill

Gain-bandwidth independence from a transconductance feedback feedback amplifier

Wilson, Brett BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 83-86: ill

Humidity sensors based on vanadium-metal-oxygen layers deposited from gels

Bondarenka, V.; Grebinskij, S.; Mickevicius, S.; Tvardauskas, H.; Martunas, Z.; Volkov, V.; Zakharova, G. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 247-250: ill

Hyperchaotic oscillators for synchronization experiments

Mykolaitis, G.; Tamaševicius, A.; Cenys, A.; Namajunas, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 279-282: ill

IF filter design for satellite TV FM video modulator

Kinks, Prit; Laidvee, Andres; Taklaja, Andres BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 367-370: ill

Increasing the time-of-flight dynamic measurements' resolution

Ragauskas, A.; Daubaris, G.; Petkus, V.; Pamakstis, V. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 265-268: ill

Influence of non-stoichiometry on some electrical properties and structure of barium titanate for PTC thermistors

Hadzaman, I.; Shpotyuk, O.; Louzhetsky, J.; Mrooz, O.; Kovalskiy, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 243-244: ill

Investigation of phase coupling of harmonic signal components using third order statistics and classification based on learning vector quantization

Lossmann, Eerik; Meister, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 143-146: ill

Load adapting resonant converter for supplying deeply varying load

Janson, Kuno; Järvik, Jaan; Vinnal, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 227-230: ill

Management system for electronic virtual components

Saucier, Gabriele BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 1-6: ill

Microprogram automation : design for testability

Keevallik, Andres; Kruus, Margus; Lensen, Harri BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 171-174

Miller capacitance tuning for voltage controlled oscillators and active filters at radio frequencies

Stadius, Kari; Kaunisto, Risto; Porra, Veikko BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 215-218

Modeling of charge carrier non-isothermal transport parameters in silicon

Velme, Enn; Udal, Andres BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 71-74: ill

Multifrequency testing and diagnosis of analog and mixed signal circuits using neuromorphic classifier

Lantsov, V.; Rudakov, O.; Mosin, S. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 347-348

Multiprocessor control system for 10 kV frequency converter

Joller, Jüri BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 239-242: ill

New winding method for common mode choke

Sippola, Mika; Siren, Harri BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 49-52: ill

On correction of the results of a ternary simulation and a preliminary estimation of the correction results

Matrosova, Anjela; Golubeva, O.; Oshlakova, T. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 183-186: ill

On deviation restrictions in PLL frequency demodulators

Min, Mart; Männama, Vello; Paavle, Toivo BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 93-96: ill

On monotone behavior and basin of attraction in cellular neural networks

Mladenov, Valeri M.; Leenaerts, Domine M.W. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 89-92: ill

On-line and in-situ monitoring of cell concentrations with twin probe device

Wang, Yijun; Christensen, Knud Smed; Olsson, Lisbeth; Nielsen, Jens BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 335-338: ill

Optical heartbeat sensor

Rubins, U.; Spigulis, Janis BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 53-56: ill

Optical sensing of pressure and bending by side-glowing lightguides

Spigulis, Janis BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 269-270: ill

Optical-electronically system of control quality of embroidery

Citavicius, A.; Punys, J.; Stankaitis, G.; Vobolis, J. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 259-262: ill

Optimal process algorithm of postprocessors of V-surveillance radar's

Arro, Ilmar; Kulmar, Lembit BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 291-292

Pacemakers of insect olfactory organs

Huotari, M.; Mela, M.; Meyer-Rochow, S. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 57-58: ill

Performance evaluation of some adaptive algorithms

Trump, Tõnu; Lemendik, Laur BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 199-202: ill

Photoinjection of hydrogen in solids

Gavriljuk, A.I.; Lanskaya, T.G. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 33-36: ill

Power electronics and information technology - means for a sustainable future

Alaküla, Mats BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 381-386

Power factor correction of single-phase diode rectifiers by a second-harmonic series-resonant filter stage

Sakkos, Tiit; Sarv, Vello BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 223-226: ill

Power measurements of trams and trolleybuses in traffic conditions in Tallinn

Arukivi, Andres; Mälter, Meelis; Joller, Jüri; Laugis, Juhan BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 377-380: ill

PWM controlled three-phase induction machine working as a reversible motion motor

Atudorei, Irina; Gogu, Mircea; Atudorei, Gabriel BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 301-304: ill

RACON modernization by digital signal processing

Arro, Ilmar; Kinks, Priit; Koževnikov, Valeri; Laidvee, Andres; Taklaja, Andres BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 309-312: ill

Recursive Self-Correction Discrete Fourier Transform and application to impedance measurement

Liu, Ji-Gou; Schönecker, Andreas; Frühauf, Uwe BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 109-112: ill

Scanning radar signal postprocessing

Arro, Ilmar; Roosipuu, Priit BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 353-356: ill

Simulation of advanced super-speed BiCMOS static memory cells based on the reverse base current effect of avalanche transistors

Bubennikov, Alexander; Zykov, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 63-66: ill

Simulation of scattering from the grating of resistive microwires

Ziemelis, J.; Chertov, P. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 271-272: ill

Some signal processing ideas for ultrasound motion detectors

Kuusik, Alar BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 313-314: ill

Switch-mode power supplies for plasma-arc systems

Soojärvi, J.; Dragunov, V.; Tomson, Teolan BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 373-376: ill

Synthesis of higher harmonics surface acoustic wave transducers

Janeliauskas, Arturas; Neverauskas, Anatolijus; Rupkus, Stasys BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 293-296: ill

Systematic analysis of electronic devices reliability

Eidukas, D.; Balaišis, P.; Navikas, D. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 255-258: ill

Technonomics of manufacturing of silicon microsystems on WSI

Bubennikov, Alexander N.; Bubennikov, Alexander A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 29-32: ill

Test generation for sequential digital systems based on symbolic simulation

Skobtsov, Vadim; Skobtsov, Yu. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 341-344: ill

Test set minimization using bipartite graphs

Markus, Antti; Raik, Jaan; Ubar, Raimund-Johannes BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 175-178: ill

Test strategy for a 486 computer multichip module

Magnhagen, Bengt BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 339-340: ill

Testability-based parameter measurement of analog measuring circuits in the frequency domain

Liu, Ji-Gou; Frühauf, Uwe BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 329-332: ill

Testing technique for embedded ADC

Zagursky, V.; Gertners, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 167-170: ill

The determination of the high and of the low value of the data flow in ATM networks

Petac, E.; Petac, D. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 363-366

The Kalman filter for numerical processing of radar data

Kangilaski, Taivo BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 123-126: ill

The MATLAB and SIMULINK-based software environment for development of electronic nose

Misans, Peteris; **Jozapovitch, Renars**; Kleperis, Janis; Zubkans, Juris; Eglitis, Vilis; Lusiš, Andrejs BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 147-150: ill

The permeable base transistor

Koel, Ants; Nilsson, H.H.; Masszi, F.; **Rang, Toomas** BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 287-290: ill

The PWM command of two-phase double rotor induction machine

Atudorei, Irina; Gogu, Mircea; Teodoru, Emil Costel BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 297-300: ill

Transients in adaptive measuring channels

Kovacsazy, Tamas; Peceli, Gabor; Varkonyi-Koczy, Annamaria R. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 127-130: ill

Two methods for estimating the signal-to-noise ratio of distance sensors

Breitenbach, Arvid; **Land, Raul** BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 117-120: ill

Ultrasonic distance measurement in noisy environment

Fek, M.; Möckel, S.A.; Varkonyi-Koczy, A.R. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 113-116: ill

Unitary input power factor uninterruptible power supply

Florea, Mihail; Posa, Constantin BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 235-238: ill

Use of ultrasound reflection tomography for nondestructive testing

Jasiuniene, E.; Mažeika, L. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 345-346

User-guided hierarchical FPGA partitioning

Krupnova, Helena; Saucier, Gabriele BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 187-190: ill

Using of color centers transformation in tungsten oxide electrochromic films for hydrogen atoms detection

Ges, I.A.; Budkevich, B.A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 277-278: ill

X[hii]-diode for chaotic and hyperchaotic oscillators

Tamaševicius, A.; Lindberg, Erik; Mykolaitis, G.; Cenys, A.; Namajunas, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 75-78: ill