

**A trap detector for precise measurements of optical radiation power**

Kübarsepp, Toomas; Kärh , Petri BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 195-200: ill

**Actual research topics in mechatronics system design**

Glesner, M.; Herpel, H.-J.; Kirschbaum, A.; Windirsch, P. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 85-91: ill

**Alternative graphs as a mathematical tool and knowledge representation for diagnosis purposes in digital systems**

Ubar, Raimund-Johannes BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 285-292: ill

**An approach to model development for embedded testing**

Timohovich, E. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 353-358

**An interesting and effective code for error-correcting in mass-storage devices**

Szepessy, Andras BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 331-337

**Assurance of gain stability of spaceborne teleradiometers**

Veismann, Uno; Min, Mart BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 179-185: ill

**A CAD system for teaching digital test**

Ubar, Raimund-Johannes; Ivask, Eero; Paomets, Priidu; Raik, Jaan BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 369-372: ill

**Chaos in electronic circuits**

Lindberg, Erik BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 29-37: ill

**Complementary Darlington circuit**

M nnama, Vello BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 223-228: ill

**Constraints analysis in hierarchical test generation for digital systems**

Ubar, Raimund-Johannes; Krupnova, Helena BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 313-318: ill

**Design and application of lock-in instruments**

Min, Mart BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 95-104: ill

**Different ways for optimization of settling time of the 3rd order phase locked loop**

Tammem gi, Jaak BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 239-243: ill

**Direct sequence spread spectrum digital radio**

Kerek, Daniel; Saluvere, Teet; Tenhunen, Hannu BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 159-167: ill

**Elektroden bergangs impedanz bei bioelektrischen Messungen**

M rtin, Hannes BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / S. 147-150: Ill

**Elements of noise modeling in bipolar semiconductor devices**

Blum, Alfons BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 11-27

**Experimental study of ultrasonic microprocessor - based heat meters**

Ragauskas, A.; Pamakstis, V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 141-145: ill

**Fault aliasing of signature analyzers**

Kemnitz, Günter; Kärger, Reinhard BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 339-346: ill

#### **A global methodology for test program generation starting from high level specifications**

Storojev, Sergei; Leveugle, Regis; Saucier, Gabriele BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 305-311: ill [https://www.ester.ee/record=b2150914\\*est](https://www.ester.ee/record=b2150914*est)

#### **Hierarchical test generation for finite state machines**

Brik, Marina; Ubar, Raimund-Johannes BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 319-324: ill

#### **Identification of signal's sine-wave dominants using analysis of level crossings**

Ronk, Ants BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 233-238: ill

#### **Infrared and near-infrared Fourier spectrometer PFS 2000 for analytical research**

Tönnisson, T.; Lipping, Kalle; Pelt, Jaan; Raadi, G.; Randmets, R. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 169-172

#### **Information techniques for sensor- and microsystems**

Holmer, R.; Tränkler, Hans-Rolf BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 39-50: ill

#### **Intelligence system for design and investigation mechanical values sensors**

Shmakov, E.M.; Matveev, V.A.; Molotkov, S.V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 261-269: ill

#### **Intelligent diagnostic centers: a new way to distributed fault-tolerance**

Varkonyi-Koczy, Annamaria R.; Tilly, K.; Dobrowiecki, Tadeusz; Vadasz, B.; Kiss, I. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 365-368: ill

#### **Low-noise CMOS-charge amplifier for a silicon strip detector**

Grönlund, Marko BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 217-222: ill

#### **MCM-test**

Magnhagen, Bengt; Linden, Henric BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 297-304: ill

#### **Measuring electrical bio-impedance - some practical aspects**

Eek, Andres; Ollmar, S. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / lk. 117-124: ill

#### **A method for identification dynamic parameters of mixed signal circuits**

Zagursky, V.; Semyonova, N.; Gertners, A. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 211-215 [https://www.ester.ee/record=b2150914\\*est](https://www.ester.ee/record=b2150914*est)

#### **A method for testing dynamic characteristics of analog-digital converters in spectral domain**

Zagursky, V.; Semyonova, N.; Gertners, A. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 207-210 [https://www.ester.ee/record=b2150914\\*est](https://www.ester.ee/record=b2150914*est)

#### **Modeling of blood flow measurement system elements**

Adaškevičius, R.; Kopustinskas, A. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 125-131: ill

#### **Monitoring and problems of short-term prognosis in the field of plants protection**

Butkevicius, R.; Žilinskas, R. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 277-281

#### **New method and electronic system for the human brain hydrodynamic diagnosing**

Ragauskas, A.; Daubaris, G. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 133-139: ill

#### **Non-invasive measurement and determination of structural vibration modes of precision controlled motion systems**

Kaušinis, Saulius; Isoda, Antanas BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 271-272: ill

### **Parallel implementation of the recursive discrete Fourier transformation**

Varkonyi-Koczy, Annamaria R. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 111-115

### **PLL based scanner stabilizer**

Lipping, Kalle BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 173-177: ill

### **Sensors and systems for product data and product identification in CIM**

Henoch, Bengt BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 51-64 : ill

### **Simulation and automated test development system for digital devices**

Birger, Alexander BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 293-295

### **Software development for programmable instrumentation**

Usk, Aivar BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 255-260: ill

### **Standards for radiometric calibration of electro-optical devices in Estonia**

Veismann, Uno; Pehk, M.; Kübarsepp, Toomas BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 187-193: ill

### **Stepwise Lock-In Signal Conversion**

Parve, Toomas BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 245-254: ill

### **Synchronous detector with MOSFETs**

Kuusik, Alar BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 229-232: ill

### **Synthesis of hierarchically testable FSM networks**

Kasirova, Lilia; Keevallik, Andres; Kruus, Margus BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 347-352: ill

### **Test generation for control faults in digital systems**

Dušina, Julia; Brik, Marina BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 325-330: ill

### **The analysis of integrating sigma-delta ADC noise**

Gutnikov, V.S.; Krivchenko, T.I. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 201-206: ill

### **The contribution of the artificial intelligence to the measurement science**

Dobrowiecki, Tadeusz; Louage, Frank; Pataki, Bela BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 105-110: ill

### **The method of conformance testing for presentation data transfer syntax**

Shevelkov, V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 359-364: ill

### **The realization of the synchronous signal conditioning and demodulating system**

Land, Raul BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 151-158: ill

### **Trends in artificial intelligence applications for real-time control : (a speculative study)**

Mõtus, Leo BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 71-83

### **Ultrasonic sensors - an intelligent sensor principle for many applications**

Magori, V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 65-70: ill