

### **A SPICE pseudorandom signal generator**

Liberatore, A.; Luchetta, A.; Manetti, S.; Piccirilli, Maria Cristina BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 437-442: ill [https://www.ester.ee/record=b2150914\\*est](https://www.ester.ee/record=b2150914*est)

### **Adaptive algorithm to estimate varying parameters of the regression model**

Priisalu, Helen Tenth Estonian Winter School in Computer Science (EWSCS'05) : Lahemaa, Estonia, February 27-March 4, 2005 2005 / [1 p.]. (Student talks and posters 2005 (abstracts))

### **Alajaji, Fady; Chen, Po-Ning. An introduction to single-user information theory : [review]**

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=06855952>

### **Approximation of decision rules in probabilistic programming**

Lepp, Riho Research in stochastic programming : [Vancouver, Canada, August 8-16, 1998] 2001 / p. 82

### **Colored-noise-induced Hopf bifurcations in predator-prey communities**

Mankin, Romi; Laas, Tõnu; Sauga, Ako; Ainsaar, Ain; Reiter, Eerik Physical review E 2006 / p. 021101-1 - 021101-9 <https://journals.aps.org/pre/pdf/10.1103/PhysRevE.74.021101>

### **Double temperature-enhanced occupancy of metastable states in fluctuating bistable potentials**

Mankin, Romi; Soika, Erkki; Sauga, Ako Advanced Topics on Mathematical Biology and Ecology : Proceedings of the 4th WSEAS International Conference on Mathematical Biology and Ecology (MABE'08) 2008 / p. 24-28 [https://www.researchgate.net/profile/Romi-Mankin/publication/228671228\\_Double\\_Temperature-enhanced\\_Occupancy\\_of\\_Metastable\\_States\\_in\\_Fluctuating\\_Bistable\\_Potentials/links/0f3175354bf484141b000000/Double-Temperature-enhanced-Occupancy-of-Metastable-States-in-Fluctuating-Bistable-Potentials.pdf](https://www.researchgate.net/profile/Romi-Mankin/publication/228671228_Double_Temperature-enhanced_Occupancy_of_Metastable_States_in_Fluctuating_Bistable_Potentials/links/0f3175354bf484141b000000/Double-Temperature-enhanced-Occupancy-of-Metastable-States-in-Fluctuating-Bistable-Potentials.pdf)

### **Energy storage facilities impact on flexibility of active distribution networks: stochastic approach**

Alipour, Manijeh; Gharehpetian, Gevork B.; Ahmadihangar, Roya; Rosin, Argo; Kilter, Jako Electric power systems research 2022 / art. 108645 <https://doi.org/10.1016/j.epr.2022.108645> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Enhanced situational awareness for AUV's stochastic model by multirate neural control**

Astrov, Igor; Pedai, Andrus SysCon 2010 Proceedings : 2010 IEEE International Systems Conference (SysCon 2010), San Diego, California, USA, April 5-8, 2010 2010 / p. 66-70 : ill <https://ieeexplore.ieee.org/document/5482465>

### **Evidential decision theory via partial Markov categories**

Di Lavore, Elena; Roman Garcia, Mario 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 14 p. : ill <https://doi.org/10.1109/LICS56636.2023.10175776> Conference Proceedings at Scopus Article at Scopus Article at WOS

### **FlockHeadz: virtual flock in a room used as a controller**

Lints, Taivo IEEE Swarm Intelligence Symposium 2008 (SIS2008) : 21-23 September 2008, St.Louis, MO, USA 2008 / ? p <https://ieeexplore.ieee.org/document/4668279>

### **Generation of stable polytopes of Hurwitz polynomials via Routh parameters**

Nurges, Ülo; Artemtšuk, Igor; Belikov, Juri 53rd IEEE Conference on Decision and Control : December 15-17, 2014, Los Angeles, California, USA 2014 / p. 2390-2395 : ill <https://doi.org/10.1109/CDC.2014.7039753> Conference proceedings at Scopus Article at Scopus Article at WOS

### **Impact of built-in moisture on the design of hygrothermally safe cross-laminated timber external walls : a stochastic approach**

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; Ge, Hua Building and environment 2022 / art. 109736 <https://doi.org/10.1016/j.buildenv.2022.109736> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Improved sampling algorithm for stochastic modelling of random-wound electrical machines**

Lehikoinen, Antti; Chiodetto, Nicola; Arkio, Antero; Belahcen, Anouar The journal of engineering 2019 / p. 3976-3980 <https://doi.org/10.1049/joe.2018.8093>

### **Invariant detection of a signal with a random phase**

Arro, Ilmar; Mürsepp, Ivo Elektronika ir elektrotehnika = Electronics and electrical engineering 2003 / 3, p. 23-26 : ill

### **Juhuse loogikast teaduses**

Kaarepere, Rein Rahva Hääl 1985 / lk. [?] [https://www.ester.ee/record=b1072826\\*est](https://www.ester.ee/record=b1072826*est)

### **Juhuslike protsesside mõõtmise : õppevahend**

Meister, Ants 1978 [https://www.ester.ee/record=b1281529\\*est](https://www.ester.ee/record=b1281529*est)

### **Machine learning to tackle the challenges of transient and soft errors in complex circuits**

Lange, Thomas; **Balakrishnan, Aneesh**; Glorieux, Maximilien; Alexandrescu, Dan; Sterpone, Luca 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS), 1-3 July 2019, Greece 2019 / p. 7-14 : ill <https://doi.org/10.1109/IOLTS.2019.8854423>

### **Minimal realizations of nonlinear time-delay systems**

**Kaldmäe, Arvo**; Zbigniew, Bartosiewicz; **Kotta, Ülle**; Wyrwas, Malgorzata IEEE transactions on automatic control 2023 / p. 6766 - 6772 <https://doi.org/10.1109/TAC.2023.3240124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Monoidal streams for dataflow programming**

**Di Lavore, Elena**; De Felice, Giovanni; **Roman Garcia, Mario** 37th Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2022, Haifa, 2 August 2022 - 5 August 2022 2022 / art. 3533365, p. 1-14 : ill <https://doi.org/10.1145/3531130.3533365> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Multiple noise-enhanced stability versus temperature in asymmetric bistable potentials**

Mankin, Romi; Soika, Erkki; **Sauga, Ako** WSEAS transactions on systems 2008 / 3, p. 239-250 [https://www.researchgate.net/publication/228708004\\_Multiple\\_noise-enhanced\\_stability\\_versus\\_temperature\\_in\\_asymmetric\\_bistable\\_potentials](https://www.researchgate.net/publication/228708004_Multiple_noise-enhanced_stability_versus_temperature_in_asymmetric_bistable_potentials)

### **Multi-variate block polar quantization and applications to audio**

Pobloth, H.; **Vafin, Renat**; Kleijn, W.B. Proc IEEE Int. Conf. Acoustics, Speech, Signal Processing : ICASSP 2004 : Montreal, Canada, 2004. Vol. 4 2004 / p. 197-200 <https://ieeexplore.ieee.org/document/1326797>

### **Mängija laostumise probleem**

**Pihlak, Margus** Aastaraamat 2005 / Eesti Matemaatika Selts 2006 / lk. 60-64

### **Nonequilibrium transport phenomena in a tilted ratchet model subjected to a multiplicative trichotomous noise**

**Sauga, Ako**; Mankin, Romi Application of Mathematics in Technical and Natural Sciences : 5th International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences - AMiTaNS 13 : Albena, Bulgaria, 24-29 June 2013 2013 / p. 232-239 <https://doi.org/10.1063/1.4827233> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Nonequilibrium transport phenomena in a tilted ratchet model subjected to a multiplicative trichotomous noise**

**Sauga, Ako**; Mankin, Romi Book of abstracts : Fifth International Conference on Application of Mathematics in Technical and Natural Sciences, 24-29 June 2013, Albena, Bulgaria 2013 / p. 60

### **On approximation of stochastic programming**

**Lepp, Riho** Abstracts of 17th International Symposium on Mathematical Programming 2000 / p. 89-90

### **On statistical topography of self-affine sets = Eneseafinsete hulkade statistilise topograafia**

**Mandre, Marek** 2019 <https://digi.lib.ttu.ee/11232>

### **Performance comparison of some techniques for detection of stochastic process nonstationarities**

**Meister, Ants**; **Ots, Avo**; **Veevo, Enn** Proceedings of 7th Symposium "Maritime Elektronik" 1991

### **Pime juhust kipub nägijaks**

**Krustok, Jüri** Uus Meedia : Eesti Päevalehe lisa 1997 / 30. okt., lk. 6

### **Resonant behavior of a fractional oscillator with fluctuating mass**

**Sauga, Ako**; Mankin, Romi; Ainsaar, Ain Application of Mathematics in Technical and Natural Sciences : 4th International Conference - AMiTaNS'12 : memorial volume devoted to Prof. Christo I. Christov : St. Constantine and Helena, Bulgaria 11-16 June 2012 2012 / p. 224-232 <https://pubs.aip.org/aip/acp/article-abstract/1487/1/224/855288/Resonant-behavior-of-a-fractional-oscillator-with?redirectedFrom=PDF>

### **Resonant behavior of a fractional oscillator with fluctuating mass**

**Sauga, Ako**; Mankin, Romi; Ainsaar, Ain Fourth International Conference on Application of Mathematics in Technical and Natural Sciences 11-16 June 2012, St. St. Constantine and Helena, Bulgaria : book of abstracts 2012 / p. 42-43 <https://pubs.aip.org/aip/acp/article-abstract/1487/1/224/855288/Resonant-behavior-of-a-fractional-oscillator-with?redirectedFrom=PDF>

### **Simulation of two-rate neural network control for stochastic model of missile autopilot**

**Astrov, Igor**; Tatarly, S.; Tatarly, S. Proceedings of the 6th WSEAS International Conference on Systems Theory and Scientific Computation : ISTASC'06 : Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20, 2006 2006 / p. 169-174 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=33c1d222839a8b7ec32792cb70adc3812139332a>

### **Stochastic modelling in Estonian oil shale mining economics**

**Reinsalu, Enno** Oil shale 1999 / 4, p. 377-382 [https://artiklid.elnet.ee/record=b1002757\\*est](https://artiklid.elnet.ee/record=b1002757*est)

### **Stochastic models of generating units**

**Valdma, Mati; Šuvalova, Jelena** Oil shale 2005 / 2S, p. 143-151 : ill <https://go.gale.com/ps/i.do?id=GALE%7CA199194842&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=0208189X&p=AONE&sw=w&userGroupName=anon%7Edfe9f7a&aty=open-web-entry>

**Stochastic resonance in the case of a generalized langevin equation with a Mittag-Leffler friction kernel**

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** Advances in Mathematical and Computational Methods : proceedings of the 12th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE`10) 2010 / p. 313-318

[https://www.researchgate.net/publication/228633262\\_Stochastic\\_resonance\\_in\\_the\\_case\\_of\\_a\\_Generalized\\_Langevin\\_equation\\_with\\_a\\_Mittag-Leffler\\_friction\\_kernel](https://www.researchgate.net/publication/228633262_Stochastic_resonance_in_the_case_of_a_Generalized_Langevin_equation_with_a_Mittag-Leffler_friction_kernel)

**Stohhastilised protsessid**

Mankin, Romi; **Reiter, Eerik** 1995 [https://www.ester.ee/record=b1068210\\*est](https://www.ester.ee/record=b1068210*est)

**Stohhastilised protsessid**

Mankin, Romi; **Reiter, Eerik** 1995 [https://www.ester.ee/record=b1068809\\*est](https://www.ester.ee/record=b1068809*est)

**Surjective cellular automata far from the Garden of Eden**

**Capobianco, Silvio**; Guillon, Pierre; Kari, Jarkko Discrete mathematics and theoretical computer science 2013 / p. 41-60 : ill

[https://www.researchgate.net/publication/264932675\\_Surjective\\_cellular\\_automata\\_far\\_from\\_the\\_Garden\\_of\\_Eden](https://www.researchgate.net/publication/264932675_Surjective_cellular_automata_far_from_the_Garden_of_Eden)

<https://doi.org/10.46298/dmtcs.618> Journal metrics at Scopus Article at Scopus

**Two-rate neuro-fuzzy hybrid control for model of an experimental aircraft**

**Astrov, Igor; Rüstern, Ennu** Automation, Control and Information Technology : proceedings of the IASTED International Conference : June 10-13, 2002, Novosibirsk, Russia 2002 / p. 180-185

**Web-based tool for FSM encoding targeting low-power FPGA implementation**

**Mihhailov, Dmitri; Sudnitsõn, Aleksander**; Tarletski, Konstantin 2010 27th International Conference on Microelectronics : MIEL

2010 : Niš, Serbia, 16-19 May 2010 : proceedings 2010 / p. 349-352 <https://ieeexplore.ieee.org/document/5490468>

**Вопросы стохастического управления режимами энергетических систем**

1982 [https://www.ester.ee/record=b1303314\\*est](https://www.ester.ee/record=b1303314*est) <https://digikogu.taltech.ee/et/Item/617e3ed8-f4b2-44d4-bb85-9e34947be143>

**Вопросы стохастического управления режимами энергетических систем**

1983 [https://www.ester.ee/record=b1286752\\*est](https://www.ester.ee/record=b1286752*est) <https://digikogu.taltech.ee/et/Item/b141cd1d-47a3-4711-8322-8d98db01d64a>

**Комплексная методика статистического анализа управляемых и неуправляемых процессов**

**Valdma, Mati; Keel, Matti; Möller, Kalju; Tammoja, Heiki** Статистические методы исследования функционирования сложных технических систем (качество, надежность, эффективность) : тезисы докладов всесоюзного научно-практического семинара, 24-26 мая 1983 г. Ч. 1 1983 / с. [43-46?]

**Некоторые задачи управления стохастическими системами при неполной информации : автореферат ... кандидата технических наук (05.13.01)**

Mõtus, Leo 1973 [https://www.ester.ee/record=b1389433\\*est](https://www.ester.ee/record=b1389433*est)

**Некоторые задачи управления стохастическими системами при неполной информации : диссертация на соискание ученой степени кандидата технических наук по специальности 05.13.01 - техническая кибернетика и теория информации**

Mõtus, Leo 1973 [https://www.ester.ee/record=b3055124\\*est](https://www.ester.ee/record=b3055124*est)

**О детерминистических эквивалентах задач квадратичного стохастического программирования**

**Lepp, Riho** Республиканский симпозиум по методам решения нелинейных уравнений и задач оптимизации : Пярну, 5-10 июня 1978 года, тезисы докладов 1978 / с. 49-50 [https://www.ester.ee/record=b1272504\\*est](https://www.ester.ee/record=b1272504*est)

**О некоторых задачах стохастического программирования : автореферат ... кандидата физико-математических наук (01.01.09)**

Übi, Evald 1978 [https://www.ester.ee/record=b1564277\\*est](https://www.ester.ee/record=b1564277*est)

**Обзор методов обнаружения изменений в статистических свойствах случайных процессов**

Müller, E. Методы цифровой обработки и хранения радиотехнических сигналов 1987 / с. 24-34

**Определение плотности вероятности случайного процесса**

**Vaikmäe, R.; Järvalt, Aldur** XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 25 [https://www.ester.ee/record=b1379483\\*est](https://www.ester.ee/record=b1379483*est)

**Предельное поведение распределения решения стохастического дифференциального уравнения с коэффициентами, зависящими от всего прошлого процесса**

**Roos, Jelena** Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1972 / lk. 347-359  
[https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

**Предельные теоремы для решений стохастических дифференциальных уравнений со случайными коэффициентами : автореферат ... кандидата физико-математических наук (01.01.05)**

**Roos, Jelena** 1977 [https://www.ester.ee/record=b1526910\\*est](https://www.ester.ee/record=b1526910*est)

**Предельные теоремы для серии последовательности случайных величин с произвольным характером зависимости**

**Roos, Jelena** Вторая Вильнюсская конференция по теории вероятностей и математической статистике = Second Vilnius conference on probability theory and mathematical statistics, Вильнюс, 28 июня - 3 июля 1977. Т. 2, М - Ю : тезисы докладов : [в 3-х т.] 1977 / с. 47-49 [https://www.ester.ee/record=b3953284\\*est](https://www.ester.ee/record=b3953284*est)

**Представление случайной передачи**

**Kukk, Vello** Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио, Таллин, 1977 1977 / с. 75 [https://www.ester.ee/record=b1313776\\*est](https://www.ester.ee/record=b1313776*est)

**Применение стохастической теории обучения и корпусных технологий в компьютерной лингводидактике**

Nõmm, Voldemar; Piotrowska, Xenia; **Nõmm, Sven** PR\_LEAL 2017 : R. Piotrowski's Readings in Language Engineering and Applied Linguistics : proceedings 2018 / с. 166-176 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062462827&partnerID=40&md5=57c32238e7d7ad51adecf09a65b8e102> [http://ceur-ws.org/Vol-2233/Conference\\_proceedings\\_at\\_Scopus\\_Article\\_at\\_Scopus](http://ceur-ws.org/Vol-2233/Conference_proceedings_at_Scopus_Article_at_Scopus)

**Принцип выбора распределения вероятностей для стохастического моделирования**

**Koort, Ants** Тезисы докладов Республиканской научно-технической конференции, посвященной Дню радио. Секция "Проблемы измерительного приборостроения" 1979 / с. 14-15 [https://www.ester.ee/record=b1281116\\*est](https://www.ester.ee/record=b1281116*est)

**Принципы оптимизации процессов в развивающихся стохастических системах**

**Valdma, Mati** II Всесоюзная конференция по проблемам управления развитием систем (курс-II) : Таллин, 26-28 апреля 1982 г. : тезисы докладов конференции 1982 / с. 116-118 [https://www.ester.ee/record=b2681243\\*est](https://www.ester.ee/record=b2681243*est)

**Расчет и свойства авторегрессионной оценки спектральной плотности**

**Meister, Ants** Методы цифровой обработки и хранения радиотехнических сигналов 1987 / с. 47-53 : илл  
[https://www.ester.ee/record=b1273977\\*est](https://www.ester.ee/record=b1273977*est)

**Стохастическая модель задачи проектирования оптимальных систем**

**Jõgi, Emma** [Проблемы оптимизации : тезисы докладов всесоюзной конференции "Проблемы оптимизации и надежности в строительной механике"] 1979 / с. 17-18

**Теорема о предельном поведении решения стохастического дифференциального уравнения диффузионного типа**

**Roos, Jelena** Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1974 / lk. 353-361  
[https://www.ester.ee/record=b1264310\\*est](https://www.ester.ee/record=b1264310*est)

**Энергетические системы**

**Oidram, Rein; Valdma, Mati; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Liik, Olev; Lelumees, Heino; Vanamölder, K.; Perkman, I.; Raesaar, Peeter; Sild, Ants; Meldorf, Mati; Jokk, Viivi; Lepp, Marge; Poltavtseva, L.N.; Valtin, Juhan; Treufeldt, Ülo** 1984 [https://www.ester.ee/record=b1522851\\*est](https://www.ester.ee/record=b1522851*est)

**Энергетические системы**

**Tapupere, Olev; Valdma, Mati; Keel, Matti; Liik, Olev; Leisalu, Aarne; Tammoja, Heiki; Möller, Kalju; Sild, Ants; Tiigimägi, Eeli; Meldorf, Mati; Valtin, Juhan; Raesaar, Peeter; Treufeldt, E.; Surgutšik, R.D.** 1985 [https://www.ester.ee/record=b1302407\\*est](https://www.ester.ee/record=b1302407*est)

**Энергетические системы**

**Tapupere, Olev; Valdma, Mati; Meldorf, Mati; Tiigimägi, Eeli; Täht, Toomas; Sild, Ants; Keel, Matti; Kaju, Andres; Liik, Olev; Gorohh, L.N.; Leisalu, Aarne; Möller, Kalju; Tammoja, Heiki; Raesaar, Peeter** 1987 [https://www.ester.ee/record=b1224602\\*est](https://www.ester.ee/record=b1224602*est)