

Anomalous mobility of Brownian particles in a tilted symmetric sawtooth potential

Haljas, Astrid; Mankin, Romi; Sauga, Ako; **Reiter, Eerik** Physical review E 2004 / p. 041107-1 - 041107-12 : ill
<https://journals.aps.org/pre/abstract/10.1103/PhysRevE.70.041107>

Autocorrelation function for a noisy fractional oscillator

Sauga, Ako; Mankin, Romi; Ainsaar, Ain Latest trends on systems. Volume 2 2010 / p. 585-589

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>

Colored-noise-induced slow-fast cycles of the predator-prey communities with the Beddington-DeAngelis functional response

Soika, Erkki; Mankin, Romi; **Sauga, Ako** ECMTB08 European Conference on Mathematical and Theoretical Biology : Edinburgh, 29th June - 4th July 2008 2008

Coloured-noise-induced transitions in nonlinear structures

Mankin, Romi; Laas, Tõnu; Soika, Erkki; **Sauga, Ako**; Rekker, Astrid; Ainsaar, Ain; Ugaste, Ülo Nukleonika 2008 / 3, p. 127-134 : ill
<https://bibliotekanauki.pl/articles/147752>

Constructive role of temperature in ratchets driven by trichotomous noise

Mankin, Romi; Ainsaar, Ain; Haljas, Astrid; **Reiter, Eerik** Physical review E 2001 / p. 041110-1 - 041110-12
<https://pubmed.ncbi.nlm.nih.gov/11308822/>

Current reversals in ratchets driven by trichotomous noise

Mankin, Romi; Ainsaar, Ain; **Reiter, Eerik** Physical review E 2000 / 6, p. 6359-6367 : ill

Die Ausbreitung der skalaren Kugelwellen bis zur 2. Näherungsordnung im Gravitationsfeld mit Quadrupolstruktur

Mankin, Romi Astronomische Nachrichten 1982 / S. 201-210 https://www.ester.ee/record=b4721313*est

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

Elu võimalikkus mittelineaarses ja mittetasakaalulises juhumuutlikus maailmas

Kalda, Jaan; Mankin, Romi; Tammelo, Risto Teadusmõtte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 53-62 : ill
https://www.ester.ee/record=b2230239*est

Energy transfer in ratchets driven by additive trichotomous noise

Sauga, Ako; Martila, Dmitri; Mankin, Romi AIP conference proceedings 2011 / p. 139-146

Energy transfer in ratchets driven by additive trichotomous noise

Sauga, Ako; Martila, Dmitri; Mankin, Romi Book of abstracts : Third International Conference on Application of Mathematics in Technical and Natural Sciences : 20-25 June 2011, Albena, Bulgaria 2011 / p. 81

Environmental-fluctuations-induced slow-fast cycles in ratio-dependent predator-prey systems

Mankin, Romi; **Sauga, Ako**; Laas, Tõnu; Soika, Erkki WSEAS transactions on systems 2007 / 5, p. 934-941 : ill
https://www.researchgate.net/publication/289308978_Environmental-fluctuations-induced_slow-fast_cycles_in_ratio-dependent_predator-prey_systems

Fundamental solution of the wave equation in case of a curved space-time

Mankin, Romi 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 1983 / lk. 351-357
https://www.ester.ee/record=b1264310*est

Füüsika praktikumi metoodiline juhend

1978 https://www.ester.ee/record=b1266392*est

Generalized Langevin equation with multiplicative noise : temporal behavior of the autocorrelation functions

Mankin, Romi; Laas, Katrin; **Sauga, Ako** Physical review E 2011 / p. 061131 [10 p.]
<https://journals.aps.org/pre/abstract/10.1103/PhysRevE.83.061131>

Influence of memory time on the resonant behavior of an oscillatory system described by a generalized Langevin equation

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** International journal of mathematical models and methods in applied sciences 2011 / p. 280-289 : ill <https://www.semanticscholar.org/paper/Influence-of-memory-time-on-the-resonant-behavior-a-Laas-Mankin/12ead334af758d7d5472e77b3506604463202030>

Matemaatika üldfüüsika kursuses : metoodiline materjal. I, Diferentsiaal- ja integraalarvutus. Vektoralgebra. Väljateooria põhimõisted

1987 https://www.ester.ee/record=b1259726*est

Matemaatika üldfüüsika kursuses : metoodiline materjal. II], Harilikud diferentsiaalvõrrandid. Tõenäosusteooria ja statistika elemente. Operaatorid kvantmehaanikas

1987 https://www.ester.ee/record=b1259742*est

Mittetasakaaluliste protsesside statistiline termodünaamika

Mankin, Romi; **Reiter, Eerik** 1997 https://www.ester.ee/record=b1053807*est

Mittetasakaaluliste protsesside statistiline termodünaamika

Mankin, Romi; **Reiter, Eerik** 1998 https://www.ester.ee/record=b1053812*est

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

Noisy fractional oscillator : Temporal behavior of the autocorrelation function

Sauga, Ako; Mankin, Romi; Ainsaar, Ain WSEAS Transactions on Systems 2010 / 10, p. 1019-1028 : ill

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 retarded Green's function for covariant Klein-Gordon equation

Mankin, Romi; **Sauga, Ako** Tallinna Tehnikaülikooli Toimetised 1992 / lk. 59-70: ill

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>

Scalar wave equation in a weak static gravitational field

Mankin, Romi; Piir, Ivar 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 1983 / lk. 157-164 https://www.ester.ee/record=b1264310*est

Statistiline füüsika

Reiter, Eerik; Mankin, Romi 2014 https://www.ester.ee/record=b4443536*est

Statistiline termodünaamika

Mankin, Romi; **Reiter, Eerik** 1993 https://www.ester.ee/record=b1063631*est

Statistiline termodünaamika

Mankin, Romi; **Reiter, Eerik** 1992 https://www.ester.ee/record=b1063352*est

Statistiline termodünaamika. 1

Mankin, Romi; **Reiter, Eerik** 2005 http://www.ester.ee/record=b2029941*est

Statistiline termodünaamika. 3

Mankin, Romi; Reiter, Eerik 2010 http://www.ester.ee/record=b2594042*est

Statistiline termodünaamika. 2

Mankin, Romi; Reiter, Eerik 2007 https://www.ester.ee/record=b2246053*est

Stochastic multiresonance and correlation-time-controlled stability for a harmonic oscillator with fluctuating frequency

Mankin, Romi; Laas, Katrin; Laas, Tõnu; Reiter, Eerik Physical review E 2008 / 3, p. 031120 [11 p.]

<https://journals.aps.org/pre/abstract/10.1103/PhysRevE.78.031120>

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

Stohhastilised protsessid

Mankin, Romi; Reiter, Eerik 1995 https://www.ester.ee/record=b1068210*est

Stohhastilised protsessid

Mankin, Romi; Reiter, Eerik 1995 https://www.ester.ee/record=b1068809*est

Thermally enhanced stability in fluctuating bistable potentials

Mankin, Romi; Soika, Erkki; Sauga, Ako; Ainsaar, Ain Physical review E 2008 / p. 051113-1 - 051113-9 : ill

<https://pubmed.ncbi.nlm.nih.gov/18643032/>

Trichotomous noise-induced transitions

Mankin, Romi; Ainsaar, Ain; Reiter, Eerik Physical review E, Statistic physics plasma fluids related interdisciplinary topics ... 1999 / 2, p. 1374-1380

Trichotomous-noise-induced catastrophic shifts in symbiotic ecosystems

Mankin, Romi; Ainsaar, Ain; Haljas, Astrid; Reiter, Eerik Physical review E 2002 / p. 051108-1 - 051108-9

<https://journals.aps.org/pre/abstract/10.1103/PhysRevE.65.051108>

Некоторые возможности изложения элементов общей теории относительности и астрофизики в курсе общей физики

Veimer, Vladimir; Mankin, Romi Тезисы докладов X Зонального совещания заведующих кафедрами и ведущих преподавателей по физике вузов Белоруссии, Латвии, Литвы, Эстонии и Калининградской области РСФСР, 1989 года 1989 / с. 183-184

О нарушении принципа Гюйгенса в слабом гравитационном поле : автореферат... кандидата физико-математических наук (01.04.02)

Mankin, Romi 1974 http://www.ester.ee/record=b1306423*est

О нарушении принципа Гюйгенса в слабом гравитационном поле : дис. ... кандидата физико-математических наук

Mankin, Romi 1974 http://www.ester.ee/record=b3784234*est

Об изложении параметрического резонанса в курсе общей физики

Reiter, Eerik; Mankin, Romi Методика преподавания физики в вузе 1991 / с. 7-12

Определение концентрационного профиля с помощью двух выпрямляющих контактов

Mankin, Romi; Paat, Aadu Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 29-33 :

ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Осцилляции магнитосопротивления в размерно-квантованной проволоке

Mankin, Romi Физика твердого тела 1977 / с. 1444-1445 https://www.ester.ee/record=b1258896*est

Перераспределение вещества в поле внешних сил

Aarna, Heiti; Mankin, Romi; Reiter, Erik Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 39-41

Полупроводниковые материалы

Rusalep, Ervin; Kukk, Peeter-Enn; Krustok, Jüri; Mädaßon, Jaan; Altosaar, Mare; Ruus, Tõnu; Aarna, Heiti; Mankin, Romi; Reiter, Eerik; Krunks, Malle; Mellikov, Enn; Seilenthal, Mats; Vallaste, Heikki; Tuvike, Tiit; Palmre, Oie; Bender, Villem; Veimer, Vladimir; Mere, Arvo; Roninson, Aleksander; Silas, Aarne; Gavrilov, Aleksei; Paat, Aadu; Meiler, Boriss 1986

https://www.ester.ee/record=b1296001*est

Фундаментальное решение векторного волнового уравнения в искривленном пространстве - времени

Mankin, Romi Тезисы докладов всесоюзной конференции "Современные теоретические и экспериментальные проблемы теории относительности и гравитации" : [VI Советская гравитационная конференция, ИТФ АН СССР, МГПИ, УДН, Москва, июль 1984 г.] 1984 / с. 136-137 https://www.ester.ee/record=b5339755*est