

Can self-organizing world be understood through mathematics?

Näpinen, Leo Historiae scientiarum Baltica : abstracts of XX Baltic Conference [i.e. Conference] on the History of Science : Tartu, January 30-31, 2001 2001 / p. 42-43 https://artiklid.elnet.ee/record=b2123298*est

Estonian studies in the history and philosophy of science : book review

Näpinen, Leo; Kaevats, Ülo Trames 2002 / p. 202-208

Exact sciences and the problem of integral understanding of the social reality

Näpinen, Leo Problemos : mokslo darbai = Problemos : research papers 2004 / p. 32-41
<https://www.journals.vu.lt/problemos/article/view/6647>

Filosoofia ja täppisteaduse vahetõke Ilya Prigogine'i programmi tulevikuvaates

Näpinen, Leo Akadeemia 1997 / 6, lk. 1227-1239

Grasping nature as a whole : (on Ilya Prigogine's theoretical works)

Näpinen, Leo Ontology studies : (International Ontology Congress) 2001 / 1/2, Physis, p. 458-459

Historical considerations in present - day mathematical natural science

Näpinen, Leo LMPS07 : [13th International Congress of Logic, Methodology and Philosophy of Science : August 9-15, 2007 Beijing (China)] : volume of abstracts 2007 / p. 267-269 https://www.researchgate.net/publication/320451017_Historical_considerations_in_present-day_mathematical_natural_science

Ilya Prigogine'i ideede kriitika Jean Bricmont'i poolt

Näpinen, Leo Teaduse uuringud : eesmärgid ja meetodid 2007 / lk. 151-167 https://artiklid.elnet.ee/record=b1058908*est

Ilya Prigogine's program for the remaking of traditional physics and the resulting conclusions for understanding social problems

Näpinen, Leo Trames 2002 / 2, p. 115-140 https://kirj.ee/wp-content/plugins/kirj/pub/Trames-2-2002-115-140_20230313134949.pdf

Ilya Prigogine's theories and the "two cultures" problem

Näpinen, Leo Science, Higher Education, Technologies, Medicine, Humanities in the Baltics - Past and Present : abstracts of the 21st International Baltic Conference on the History of Science, Riga, 13-15 October, 2003 2003 / p. 140-141

Inimese ja maailma kahekõne ehk inimese ja looduse suhe sünergeetilises maailmamõistmises

Näpinen, Leo Eesti Loodus 1996 / 11/12, lk. 356-360: ill https://artiklid.elnet.ee/record=b2002173*est

Kas loodus on mõistetav matemaatikast lähtudes? Aristoteleslik versus Platonlik maailmakäsitus [Elektroniline teavik]

Näpinen, Leo Eesti filosoofia IV aastakonverents 2008 : Eesti filosoofia juured, võrsed ja õied 2008 / [1] lk
https://www.researchgate.net/publication/320548607_Kas_loodus_on_mõistetav_matemaatikast_lähtudes_Aristoteleslik_versus_Platonlik_maailmakäsitus

Mõistuse suutlikkuse piiridest

Näpinen, Leo Studia Philosophica Estonica [Võrguteavik] 2008 / 3, p. 81-92

The need for the historical understanding of nature in physics and chemistry

Näpinen, Leo Foundation of chemistry 2007 / 1, p. 65-84 <https://link.springer.com/article/10.1007/s10698-006-9018-6>

On the limits of exact science

Näpinen, Leo Modelling, logical and philosophical aspects of foundations of science. Vol. I 2016 / p. 160-182 <https://www.lap-publishing.com>

On the unfitness of the exact science for the understanding of nature

Näpinen, Leo Baltic journal of European studies 2011 / p. 74-82 https://artiklid.elnet.ee/record=b2429031*est

On the unfitness of the exact sciences for the understanding of nature

Näpinen, Leo Historiae Scientiarum Baltica 2010 : Tallinn, October 8-9, 2010 : abstracts of the XXIV International Baltic Conference on the History of Science 2010 / p. 19-21 https://artiklid.elnet.ee/record=b2182141*est

A philosophical description of some features of the paradigm shift done by Ilya Prigogine

Näpinen, Leo Historiae Scientiarum Baltica 2014 : Helsinki, August 21-22, 2014 : abstracts of the XXVI International Baltic Conference on the History of Science 2014 / p. 31-32

The premises and limits of science : the ideas of Rein Vihaelemm

Näpinen, Leo Acta Baltica historiae et philosophiae scientiarum 2015 / p. 108-114 https://doi.org/10.11590/abhs.2015.2.06_Journal_metrics_at_Scopus [Article at Scopus](#)

Professor Peeter Mürsepp 50

Näpinen, Leo Mente et Manu 2011 / lk. 3 : portr https://www.ester.ee/record=b1242496*est

Tervikliku maailmamõistmise probleem sünergeetikas

Näpinen, Leo Tallinna Pedagoogikaülikooli toimetised. A, Humaniora 1998 / lk. 49-63

The concept of chaos in contemporary science : on Jean Bricmont's critique of Ilya Prigogine's ideas

Näpinen, Leo; Mürsepp, Peeter Foundations of science 2002 / 4, December, p. 465-479 <https://philpapers.org/rec/NPITCO>

The conceptual orientation of the philosophy of chemistry

Näpinen, Leo International Society for the Philosophy of Chemistry Ninth Summer Symposium : August 7-11, 2005, University of Tennessee, Knoxville, TN 2005 / p. 5

The need for co-operation between the human and physical understanding of the world

Näpinen, Leo 12th International Congress of Logic, Methodology and Philosophy of Science (Oviedo, August 7-13, 2003) : LMPS03 : volume of abstracts 2003 / p. 222-223

The need for historical understanding of nature in physics and chemistry [Electronic resource]

Näpinen, Leo International Society for the Philosophy of Chemistry 8th Summer Symposium : 15th-18th August 2004 : abstracts of papers [2004] / [1] p <http://www.dur.ac.uk/philosophy.department/general/events/ISPC.html>

The need for the historical understanding of nature in physics and chemistry

Näpinen, Leo Foundation of chemistry 2006 / [20] p. [online] <https://link.springer.com/article/10.1007/s10698-006-9018-6>

The need for the philosophy of nature in contemporary science

Näpinen, Leo Historiae Scientiarum Baltica'06 : abstracts of XXII Baltic Conference on the History of Science : Vilnius, October 5-6, 2006. I 2006 / p. 115-116

The premises and limits of science : ideas of Rein Vihaelemm

Näpinen, Leo IX Annual Estonian Philosophy Conference "Philosophy in Interdisciplinary Contexts" : 13-14.12.2013, Tallinn University of Technology, Chair of Philosophy : abstracts 2013 / p. 16-17

The problem of application of mathematics to the understanding of nature

Näpinen, Leo Nova Miscellanea Historiae Scientiarum Baltica - 50 : abstracts and programme of the 23rd International Baltic Conference on the History of Science (Riga, 9-10 October, 2008) 2008 / p. 30

The problem of the relationship between human and physical realities in Ilya Prigogine's paradigm of self-organisation

Näpinen, Leo Estonian studies in the history and philosophy of science 2001 / p. 151-164 https://link.springer.com/chapter/10.1007/978-94-010-0672-9_11#Abs1

The problem of the understanding of nature in contemporary science

Näpinen, Leo XXII International Congress of History of Science : Globalization and Diversity : Diffusion of Science and Technology Throughout History : Beijing, 24-30 July, [2005] : book of abstracts 2005 / p. 576

The problem of the understanding of nature in the exact science

Näpinen, Leo Acta Baltica historiae et philosophiae scientiarum 2014 / p. 117-122 <https://doi.org/10.11590/abhps.2014.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#)

The problem of the understanding of nature in the exact science

Näpinen, Leo ICHSTM Manchester 2013 : 24th International Congress of History of Science, Technology and Medicine : knowledge at work : 21-28 July 2013 : programme and abstracts 2013 / p. 36

Two approaches to systems theory : an analysis in the context of Ken Wilber's and Alfred North Whitehead's philosophical cosmologies

Näpinen, Leo 6th International Whitehead Conference : the Importance of Process - System and Adventure : Universität Salzburg, July 3-6, 2006 : program: sections & abstracts 2006 / p. 162

Understanding of the world and the scientific paradigm of self-organization

Näpinen, Leo Proceedings of the 7th Summer Symposium of the International Society for the Philosophy of Chemistry : (Tartu, 16-20 August, 2003) 2004 / lk. 156-177 https://artiklid.elnet.ee/record=b2349774*est

Whitehead and the problem of the connection between the physical and the mathematical

Näpinen, Leo 6th International Whitehead Conference : the Importance of Process - System and Adventure : Universität Salzburg, July 3-6, 2006 : program: sections & abstracts 2006 / p. 12 <https://www.researchgate.net/publication/320444536> [Whitehead and the problem of the connection between the physical and the mathem](#)

[atical](#)

Whiteheadi konverents Salzburgis

Näpinen, Leo Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 342-343

Программа Ильи Пригожина перестройки традиционной физики и вытекающие из нее заключения для понимания социальных проблем

Näpinen, Leo Синергетическая парадигма : когнитивно-коммуникативные стратегии современного научного познания 2004 / с. 24-51

Философский анализ понятий "организация" и "самоорганизация" в современном научном познании : автореферат ... кандидата философских наук (09.00.01)

Näpinen, Leo 1984 https://www.ester.ee/record=b1262061*est