

About the complexity evaluation of large structured objects

Lausmaa, Tõnu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 3, p. 181-192

Algebraic formalism of differential one-forms for nonlinear control systems on time scales

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 3, p. 264-282

An embedding theorem for finite groups

Puusemp, Peeter Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 4, p. 235-240

Application of integrated photoelasticity to the determination of viscous flow velocity in closed conduits

Ainola, Leo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / 1, p. 48-55

Application of orthogonal transformations in the revised simplex method

Übi, Evald Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2001 / 1, p. 34-41

An approximate solution to linear and quadratic programming problems by the method of least squares

Übi, Evald Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / 1, p. 19-28

Beautiful dynamics

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 1, p. 108-119: ill

Book reviews : Semigroups and automata. SelectaUno Kaljulaid (1941-1999). Edited by Jaak Peetre (Lund, Sweden) and Jaan Penjam (Tallinn, Estonia), 2006, IOS Press, Amsterdam. ISBN 1-58603-582-7

Lumiste, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / p. 189-191

A characterization of the semidirect product of cyclic groups by its endomorphism semigroup

Puusemp, Peeter Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1996 / p. 134-144

Comparability graphs and the structure of finite graphs

Buldas, Ahto Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1996 / 2/3, p. 117-127

Congruence lattice of a graph

Buldas, Ahto Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 3, p. 155-170: ill

Controller and controllability canonical forms for discrete-time nonlinear systems

Kotta, Ülle Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 1, p. 55-62

A convergence theorem for approximate methods of tangent hyperbolas

Kaldo, Indrek; Vaarmann, Otu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2004 / p. 165-176

https://kirj.ee/wp-content/plugins/kirj/pub/phys-3-2004-165-176_20211016224659.pdf

Decomposition of discrete-time nonlinear control systems

Kotta, Ülle Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 3, p. 154-161

Determination of degenerate relaxation functions in three-dimensional viscoelasticity

Janno, Jaan Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 2, p. 171-185

Eddy-driven flows over varying bottom topography in natural water bodies

Heinloo, Jaak Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 4, p. 235-245 : ill

Eddy-to-mean energy transfer in geophysical turbulent jet flows

Heinloo, Jaak; Toompuu, Aleksander Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 3, p. 283-294 : ill

Editorial

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 1, p. 1-2

Endel Lippmaa 70

Pehk, Tõnis Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / p. 193-195

Enn Tõugu 60

Penjam, Jaan Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / p. 505-509

Equivalence of linear control systems on time scales

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 1, p. 43-52

Equivalence of realizability conditions for nonlinear control systems

Kotta, Ülle; Mullari, Tanel Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 1, p. 24-42

Entropy-based quantitative evaluation of finite functions

Lausmaa, Tõnu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 2, p. 67-78

Foreword

Vain, Jüri; **Uustalu, Tarmo** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 4, p. 334

https://artiklid.elnet.ee/record=b1014450*est

Front dynamics in inhomogeneous solids

Berezovski, Arkadi; **Engelbrecht, Jüri**; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / p. 155-161 https://www.ester.ee/record=b1072098*est

Geodesic loops and BRST-like cohomology

Kuusk, Piret; **Paal, Eugen** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1996 / 2/3, p. 128-133

Geodesic multiplication and geometrical BRST-like operators

Kuusk, Piret; Örd, Jüri; **Paal, Eugen** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 4, p. 437-449

Graphs and lattice varieties

Buldas, Ahto Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / 2, p. 100-109

Improvement of determination of tidal gravity parameters at station no. 1102, Tallinn

Paesalu, Joel Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / 4, p. 290-298

An inverse problem arising in compression of poro-viscoelastic medium

Janno, Jaan Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 2, p. 75-89

Lattice distortion by impurities in MgB₂

Klopov, Mihhail Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 1, p. 53-57 : ill

<https://www.semanticscholar.org/paper/Lattice-distortion-by-impurities-in-MgB2-Klopov/984ee788c900f470944d06adefafa6c5426da577>

[müü]-faster convergence and [müü]-acceleration of convergence by regular matrices

Aasma, Ants Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 4, p. 195-209

Non-equilibrium contact quantities and compound deficiency at interfaces between discrete systems

Muschik, Wolfgang; **Berezovski, Arkadi** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 133-145

Nonlinear wave phenomena and nonlocality

Engelbrecht, Jüri; Braun, Manfred Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 1/2, p. 41-47

Numerical simulation of waves and fronts in structured materials : a thermodynamic approach

Berezovski, Arkadi; **Engelbrecht, Jüri**; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 30-42 : ill https://artiklid.elnet.ee/record=b1011964*est

On additive generalization of Voronoi's theory to algebraic number fields

Leibak, Alar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 4, p. 195-211

On computing a stable least squares solution to the linear programming problem

Übi, Evald Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / p. 251-259

https://www.ester.ee/record=b1072098*est

On information properties of covers

Lausmaa, Tõnu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 1, p. 3-25 : ill

https://artiklid.elnet.ee/record=b2342068*est

On real and imaginary algorithms of optical tensor field tomography

Aben, Hillar; Errapart, Andrei; **Ainola, Leo** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 2, p. 112-127

On robust control and nice stability via reflection coefficients

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1999 / 1, p. 31-47: ill

On sampling series based on some combinations of sinc functions

Kivinukk, Andi; Tamberg, Gert Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2002 / 4, p. 203-220

On the application of the pseudospectral method for solving the Korteweg-de Vries equation

Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 1, p. 73-87: ill

On the approximate calculation of double integrals with weight function

Arro, Voldemar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 2, p. 67-74

https://artiklid.elnet.ee/record=b1004121*est

On the comparison of Tauberian remainder theorems

Tammeraid, Ivar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1996 / 2/3, p. 234-241

On the exploitation of the Eshelby stress in isothermal and adiabatic conditions

Maugin, Gerard A.; Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 126-132

On the formation of solitons in media with higher-order dispersive effects

Ilison, Olari; Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 135-144 : ill

https://artiklid.elnet.ee/record=b1011948*est

On the interaction of deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 93-99 : ill

On the N=1 linearized supergravity

Suurvarik, Pavel Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / p. 450-458

On the propagation of localized perturbations in media with microstructure

Ilison, Lauri; Salupere, Andrus; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 84-92 : ill

Optimality of theoretical error estimates for spline collocation methods for linear weakly singular Volterra integro-differential equations

Parts, Inga Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 3, p. 162-180

Periodically forced solitonic structures in dispersive media

Salupere, Andrus; Kuk, Martti Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 145-156 : ill

https://artiklid.elnet.ee/record=b1011991*est

Preface

Engelbrecht, Jüri; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / p. 73-74

https://www.ester.ee/record=b1072098*est

Preface

Engelbrecht, Jüri; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / p. 3-4

https://www.ester.ee/record=b1072098*est

Problems of optimization : an exact algorithm for finding a maximum clique optimized for dense graphs

Kumlander, Deniss Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 2, p. 79-86

A quadratic programming approach to robust controller design

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2001 / 2, p. 98-111

Resonance phenomenon of wave interaction in inhomogeneous solids

Braunbrück, Andres; Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 108-115 : ill

Robust pole assignment via stable polytopes of reflection vectors

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2006 / 2, p. 75-95 : ill

Solitons in a perturbed Korteweg-de Vries system

Peterson, Pearu; Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 1/2, p. 102-110

Solitons in hierarchical Korteweg-de Vries type systems

Ilison, Lauri; **Salupere, Andrus** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 125-134 : ill
https://artiklid.elnet.ee/record=b1011947*est

Solitons in systems with a quartic potential and higher-order dispersion

Salupere, Andrus; Maugin, Gerard; **Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 1/2, p. 118-127

Some approximate methods for solving nonlinear ill-posed problems

Vaarmann, Otu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1999 / 2, p. 146-151

Some new stability margins for discrete-time systems

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 2, p. 186-197

Some summability methods b-equivalent to the Cesaro methods

Meronen, Olga; Tali, Anne Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2002 / 3, p. 137-148
https://artiklid.elnet.ee/record=b2326070*est

Tauberian reimander theorems for two families of summability methods

Tammeraid, Ivar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 3, p. 183-189
https://artiklid.elnet.ee/record=b1004856*est

The analysis of the KdV-type evolution equations : a brief review

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 1, p. 3-8

The complete enumeration of binary perfect forms over the algebraic number field $\mathbb{Q}(\sqrt[6]{-1})$

Leibak, Alar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 4, p. 212-234

The discrete control of two-rate nonlinear multivariable continuous-time systems

Astrov, Igor; Rüstern, Ennu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 3, p. 197-208

The discrete Kharitonov theorem revisited

Nurges, Ülo Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1998 / 2, p. 90-99: ill

The state-space description of two-rate nonlinear multivariable discrete systems

Astrov, Igor; Rüstern, Ennu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1997 / 3, p. 187-196

Tracking control of nonlinear pneumatic actuator systems using static state feedback linearization of the input-output map

Wang, Jihong; **Kotta, Ülle**; Ke, Jia Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 1, p. 47-66 : ill

Transfer functions of discrete-time nonlinear control systems

Halas, Miroslav; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 4, p. 322-335

Two Tauberian reimander theorems for the Cesaro method of summability

Tammeraid, Ivar Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 4, p. 225-232
https://artiklid.elnet.ee/record=b1005444*est

Wave propagation in dissipative microstructured materials

Sillat, Tarvo; **Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 103-114 : ill

Waves in microstructured solids with nonlinearities in microscale

Engelbrecht, Jüri; Pastrone, Franco Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 12-20

Vibronic theory of heteroligand systems applied to structural phase transitions in some H-bonded materials

Levin, Aleksander; Dolin, Sergei Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 1995 / 2/3, p. 144-152