

Lista publicațiilor - Hannelore Inge Lisei (Breckner)

Articole publicate în reviste cotate ISI

- 1) **H. Breckner**, Approximation of the Solution of the Stochastic Navier-Stokes Equation. Optimization 49, 15-38 (2001).
- 2) **H. Lisei**, Conjugation of Flows for Stochastic and Random Functional Differential Equations. Stochastics and Dynamics 1 (2), 283-298 (2001).
- 3) **H. Lisei**, M. Scheutzow, Linear Bounds and Gaussian Tails in a Stochastic Dispersion Model. Stochastics and Dynamics 1 (3), 389-403 (2001).
- 4) **H. Lisei**, Existence of Optimal and Epsilon-Optimal Controls for the Stochastic Navier-Stokes Equation. Nonlinear Analysis 51, 95-118 (2002).
- 5) **H. Lisei**, G. Guatteri, The Stochastic Characteristics Method Applied to a Stochastic Schrödinger Equation. Journal of Stochastic Analysis and Applications 21, 801-817 (2003).
- 6) **H. Lisei**, F. Flandoli, Stationary Conjugation of Flows for Parabolic SPDE's with Multiplicative Noise and Some Applications. Journal of Stochastic Analysis and Applications 22 (6), 1385 – 1420 (2004).
- 7) **H. Lisei**, P. Bates, K. Lu, Attractors for Stochastic Lattice Dynamical Systems. Stochastics and Dynamics 6 (1) 1-21 (2006).
- 8) **H. Lisei**, Cs. Varga, Some Applications to Variational-Hemivariational Inequalities of the Principle of Symmetric Criticality for Motreanu-Panagiotopoulos Type Functionals. Journal of Global Optimization 36 (2), 283-305 (2006).
- 9) **H. Lisei**, F. Faraci, A. Iannizzotto, Cs. Varga, A Multiplicity Result for Hemivariational Inequalities. Journal of Mathematical Analysis and Applications 330, 683-698 (2007).
- 10) A. Kristály, **H. Lisei**, Cs. Varga, Multiple Solutions for p-Laplacian Type Equations. Nonlinear Analysis TMA 68, 1375-1381 (2008).
- 11) **H. Lisei**, Cs. Varga, A. Horvath, Multiplicity Results for a Class of Quasilinear Eigenvalue Problems on Unbounded Domains, Archiv der Mathematik 90, 256-266 (2008).
- 12) **H. Lisei**, Cs. Varga, Multiple Solutions for a Differential Inclusion Problem with Nonhomogeneous Boundary Conditions. Numerical Functional Analysis and Optimization 30 (5–6), 566–581 (2009).
- 13) **H. Lisei**, Gh. Morosanu, Cs. Varga, Multiplicity Results for Double Eigenvalue Problems Involving the p-Laplacian. Taiwanese Journal of Mathematics 13 (3) 1095-1110 (2009).
- 14) **H. Lisei**, Cs. Varga, Multiple Solutions for Gradient Elliptic Systems with Nonsmooth Boundary Conditions, Mediterranean Journal of Mathematics 8, 69-79 (2011).
- 15) **H. Lisei**, A.E. Molnár, Csaba Varga, On a class of inequality problems with lack of compactness, Journal of Mathematical Analysis and Applications 378 (2), 741-748 (2011).
- 16) W. Grecksch, **H. Lisei**, Stochastic Nonlinear Equations of Schrödinger Type. Stochastic Analysis Applications 29 (4), 631-653 (2011).
- 17) W. Grecksch, **H. Lisei**, Approximation of Stochastic Nonlinear Equations of

- Schrödinger Type by the Splitting Method. Stochastic Analysis and Applications 31 (2), 314-335 (2013).
- 18) **H. Lisei**, Cs. Varga, A Multiplicity Result for a Class of Elliptic Problems on a Compact Riemannian Manifold. Journal of Optimization Theory and Applications 167 (3), 912-927 (2015).
 - 19) **H. Lisei**, R. Precup, Cs. Varga, A Schechter Type Critical Point Result in Annular Conical Domains of a Banach Space and Applications. Discrete and Continuous Dynamical Systems – Series A (DCDS-A) 36 (7), 3775-3789 (2016).
 - 20) **H. Lisei**, O. Vas, Critical Point Result of Schechter Type in a Banach Space. Electronic Journal of Qualitative Theory of Differential Equations No. 14, 1-16 (2016).
 - 21) **H. Lisei**, D. Keller, A Stochastic Nonlinear Schrödinger Problem in Variational Formulation, Nonlinear Differential Equations and Applications NODEA 23 (2), 1-27 (2016).

2. Articole publicate în reviste internaționale

Articole de specialitate indexate în baze de date internaționale (Zentralblatt MATH, Mathematical Reviews)

- 1) **H. Breckner**, Approximation of the Solution of a Stochastic Evolution Equation. Studia Univ. Babeș-Bolyai, Ser. Mathematica 42 (1), 45-58 (1997).
- 2) **H. Breckner**, An Extension of the Spline Functions of Fourier Type. Studia Univ. Babeș-Bolyai, Ser. Mathematica 42 (4), 19-33 (1997).
- 3) **H. Lisei**, The Markov Property for the Solution of the Stochastic Navier-Stokes Equation. Studia Univ. Babes-Bolyai, Ser. Mathematica 44 (4), 55-71 (1999).
- 4) **H. Lisei**, A Minimum Principle for the Stochastic Navier-Stokes Equation. Studia Univ. Babes-Bolyai, Ser. Mathematica 45 (2), 37-65 (2000).
- 5) **H. Breckner**, Galerkin Approximation and the Strong Solution of the Stochastic Navier-Stokes Equation. Journal of Applied Mathematics and Stochastic Analysis 13 (3), 239-259 (2000).
- 6) **H. Lisei**, A Special Evolution Equation Used in the Analysis of the Stochastic Navier-Stokes Equation. Random Operators and Stochastic Equations 9 (1), 63-86 (2001).
- 7) **H. Lisei**, Approximation by Time Discretization of Special Stochastic Evolution Equations. Mathematica Pannonica 12, 245-268 (2001).
- 8) **H. Lisei**, Flows for the stochastic Navier-Stokes Equation. Mathematica Pannonica 13 (2), 223-240 (2002).
- 9) **H. Lisei**, A. Soós, Wavelet Approximation of the Solutions of Some Stochastic Differential Equations. PUMA (Pure Mathematics and Applications) 15, 213-223 (2005).
- 10) **H. Lisei**, I. Marchiș, Numerical Simulations for Stochastic Lattice Equations. Mathematica Pannonica 16, 249-262 (2005).
- 11) **H. Lisei**, D. Julitz, A Stochastic Model for the Growth of Cancer Tumors. Studia Univ. Babeș-Bolyai, Ser. Mathematica 53 (4), 39-56 (2008).
- 12) **H. Lisei**, Multiple Solutions for Double Eigenvalue Problems Involving Dirichlet

- Forms. Festschrift in Celebration of Prof. Dr. Wilfried Grecksch's 60th Birthday. Shaker Verlag, Aachen, ISBN 978-3-8322-7500-6, p.133-148 (2008).
- 13) **H. Lisei**, Cs. Varga, Multiple Solutions for Nonlinear Equations Involving Dirichlet Forms. Topics in Mathematics, Computer Science and Philosophy. St. Cobzas (Ed.), Presa Universitară Clujeană, Cluj-Napoca, ISBN: 978-973-610-672-9, p. 135-145 (2008).
 - 14) **H. Lisei**, I. Lazăr, Application of a Three Critical Point Theorem for a Class of Inclusion Problems. Mathematica (Academia Română) 53 (76), No. 2, 157-164 (2011)
 - 15) W. Grecksch, **H. Lisei**, Stochastic Schrödinger Equation Driven by Cylindrical Wiener Process and Fractional Brownian Motion, Studia Universitatis Babeş - Bolyai, Series Mathematica, Volume LVI (2), 381-391 (2011)

3. Articole publicate în volume ale unor conferințe internaționale cu referenți

- 1) **H. Lisei**, M. Scheutzow, On the Dispersion of Sets under the Action of an Isotropic Brownian Flow. Proceedings of the Swansea 2002 Workshop Probabilistic Methods in Fluids, Swansea, World Scientific 224-239 (2003).
- 2) K.-I. Benta, M. Cremene, **H. Lisei**, Towards a Unified 3D Affective Model. Doctoral Consortium Proceedings of International Conference on Affective Computing and Intelligent Interaction (ACII2007), Lisbon, Portugal, 12-14 September 2007, p. 75-85 ISBN 978-989-20-0798-4 (2007).
- 3) **H. Lisei**, A. Soós, Approximation of SDE Driven by Fractional Brownian Motion. Articol acceptat spre publicare Proceedings of the Conference "Fifth Seminar on Stochastic Analysis, Random Fields and Applications", Ascona 2005. Progress in Probability 59, p. 229-244, ISBN 978-3-7643-8457-9, Birkhäuser Verlag (2007).

4. Cărți publicate în edituri naționale acreditate

- 1) **H. Lisei**, Approximation and Optimal Control of Stochastic Navier-Stokes Equations, Editura EFES, Cluj-Napoca, 2006, ISBN 10 973-7677-53-6, ISBN 13 978-973-7677-53-2, 155 pagini.
- 2) **H. Lisei**, Probability Theory, Editura Casa Cărții de Știință, Cluj-Napoca, 2004, ISBN 973-686-596-7, 239 pagini.

5. Manuale și alte publicații de aceeași natură

- 1) **H. Lisei**, S. Micula, A. Soós, Probability Theory Through Problems and Applications, Editura Presa Universitară Clujeană, Cluj-Napoca, 2006, ISBN-10 973-610-492-3, ISBN-13 978-973-610-492-3, 210 pagini.

Semnătura:

27.06.2016

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