

Anul 2009

## Books

1. **Bjorn Sundt, Raluca Vernic**, *Recursions for convolutions and compound distributions with insurance applications*, EAA Lecture Notes, 345 pp., Springer 2009.
2. **Denis Enăchescu**, *Data Mining. Metode și aplicații*, Editura Academiei Române, 373 pg., 2009, ISBN 978-973-27-1798-1;
3. Gheorghe Cenușă, Bogdan Iftimie, Constantin Raischi,, Iulian Mircea, **Luiza Bădin**, Ovidiu Vegheș, Marius Giuclea, Mihaela Covrig, *Admitere 2009 Teste Grilă și de autoevaluare*, Editura Cison București, 241 pg, 2009, ISBN 978-973-8301-18-4.
4. **Anca Marina Marinov**, V.Nistreanu, L.I.Vuta, *Dispersia poluantilor in sol si in apele subterane. Indrumar de laborator si aplicatii*, Ed. Politehnica Press,ISBN 978-606-515-047-8, 277 pg. 2009.
5. **Anca Marina Marinov**, G. Dunca, C. Ghergu, A. Neagoe, D. Bucur, *Mecanica fluidelor. Indrumar de laborator. Determinarea disipatiilor energetice in conducte*, Ed. Politehnica Press, Buc., 100 pg. 2009.
6. **Dumitru Popescu**, Maria Luisa Flonta, *Teoria retelelor neuronale artificiale*, vol. I., Ed. Universitatii din Bucuresti, 2009.
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8. **Aida Toma**, *Metode robuste de estimare multidimensională*, Editura MatrixRom, 150 pg., 2009, ISBN 978-973-755-469-7
9. **Viorel Gh. Vodă**, *Clopotul lui Gauss răsună vesnic*, Editura Universitară, 2009
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12. **Viorel Gh. Vodă**, Emil Petrescu, *Managementul diagnozei statistice a proceselor de fabricație*, Editura Universitară, 2009
13. **Viorel Gh. Vodă**, Emil Petrescu, *Dictionar englez roman de control statistic al calitatii si fiabilitate*, Editura Printech, 2009
14. **Viorel Gh. Vodă**, Mihai Radu, *Statistica pentru fizicieni și nu numai pentru ei*, Editura Printech, 2009

## Chapters in books

1. **Cornelia Enăchescu, Denis Enăchescu**, *Autoregressive systems with double-exponentially distributed noise*, in “Systems Theory Modeling, Analysis and Control”, eds. A.El Jai, L.Afifi, E.Zerrik, Fes, Morocco, p.433-440, Presses Universitaires de Perpignan, ISBN 978-2-35412-043-6, 2009
2. **Denis Enăchescu, Cornelia Enăchescu**, *A new approach for outlying records in bioequivalence trials*, in Selected papers of „The XIIIth International Conference-Applied Stochastic Models and Data Analysis”, eds. L. Sakalauskas, C.Skiadas, E.K.Zavadskas, Vilnius, Lithuania, p. 250-257, VGTU Press „Technika”, ISBN 978-9955-28-463-5, 2009

## Articles

### International Journals

1. **Luiza Bădin**, Leopold Simar, *A bias-corrected nonparametric envelopment estimator of frontiers*,

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  3. N. Peride, E. M. Craciun, **Adrian Carabineanu**, *Mathematical modelling of the interface crack propagation in a pre-stressed fiber reinforced elastic composite*, Computational Materials Science, vol. 45, nr. 3, pp. 684-692, 2009.
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  7. E.Allgower, **Stefan G.Cruceanu**, and S.Tavener, *Turning Points and Bifurcatuions for Homotopies of Analytic Maps*, Contermporary Mathematics – Interactions of Classical and Numerical Algebraic Geometry, AMS, vol. 496, pp. 1-10, 2009.
  8. **Gheorghe Dinca** and F. Isaia *Generalized Pohosžaev identity and a non-existence result for p-Laplacian: weak solutions*, Advances in Diff. Equations, Vol. 14, Numbers 5-6 (2009), 497-540.
  9. **Gheorghe Dinca** and P. Matei *On the geometry of Sobolev spaces with variable exponent: smoothness and uniform convexity*, C.R. Acad. Sci. Paris, Ser.I 347 (2009).
  10. **Gheorghe Dinca** *A fixed point method for the p-Laplacian*, C.R. Acad. Sci. Paris, Ser.I 347 (2009), 757-762.
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  12. **Gheorghe Dinca** and P. Matei *Geometry of Sobolev spaces with variable exponent and a generalization of the p-Laplacian*, Analysis and Applications, Vol. 7, No. 4 (2009), 1-18. **Horia Dumitrescu** and **Vladimir Cardos**, Inboard boundary layer state on wind turbine blades, ZAMM-Z.Angew.math.mech, vol. 89, no. 3, pp. 163-173, 2009.
  13. **Denis Enăchescu**, **Cornelia Enăchescu**, *Clustering and Spatial Variation in Risk*, Biocybernetics and Biomedical Engineering, 29(2), p. 19-30, 2009 [ISI, factor de impact 0,333].
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  15. Liliana Vasiliu-Oromulu, Daniela Barbuceanu, and **Stelian Ion**, *The Ecological Study of Thrips Populations in a Southern Romanian Vineyard (Insecta: Thysanoptera)*, Acta entomologica serbica, vol. 14, nr. 1, pp. 1--11, 2009.
  16. **Gabriela Marinoschi**, Periodic solutions to fast diffusion equations with non Lipschitz convective terms, Nonlinear Analysis Real World Applications, 10, 1048–1067, 2009 (FI = 1.778).
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  24. **Mihai Popescu**, *Fundamental solution for two-point boundary value problem*, Journal Appl. Math. Computing, vol. 31, pp. 385-394, 2009.
  25. C. Fulga, **Vasile Preda**, *Nonlinear programming with E-preinvex and local E-preinvex functions*, Europ. J. Op. Res., 192 (2009), 737-743.
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  33. **Andreea Mădălina Stancu, Gheorghe Dogaru, Ioan M. Stancu-Minasian**, *Duality for multiobjective nonlinear fractional programming problems involving generalized d-type-I n-set functions*. YUJOR Yugoslav Journal of Operations Research 19(2009) 1, 63-73.
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4. **Viorel Gh. Vodă**, *A modified Weibull hazard rate as generator of a generalized Maxwell distribution*. Mathematical Reports Vol. 11(61) (2009) 2, 171-179.
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8. **Voicu Boșcaiu, Viorel Gh.Vodă**, *Aplicații ale seriilor de timp vectoriale în controlul calității(II)*, Calitate și Management,, Nr.12, An7, (2008), 42-45.
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