

Lect. dr. Marius Apetrii

LUCRĂRI PUBLICATE

1. T. Precupanu, **M. Apetrii**- About $-\varepsilon$ monotonicity of an operator, An. Ştiinţ. Univ. Al. I. Cuza Iaşi Math, 52 (2006), 81-94.
2. **M. Apetrii**- A new type of convexity defined by dual perturbations, An. Univ. De Vest Timişoara, seria Matematică Informatică, 45(2007), 11-20.
3. **M. Apetrii**- A dual generalization of convex functions, Revue d'Analyse Numerique et de Theorie de l'Approximation, 36(2007), 25-38.
4. **M. Apetrii**- Differentiable M -convex functions and M -monotone mappings, An. Ştiinţ. Univ. Al. I. Cuza Iaşi Math, LIII(2007),331-350.
5. **M. Apetrii**- A dual generalization of monotone mappings, Proceedings of the 6th Congress of Romanian Mathematicians, Editura Academiei, Bucuresti, 2008, 313-319.
6. **M. Apetrii** - Topological spaces ordered by fuzzy cones, Proceedings of the 11th International Conference on Fuzzy Systems (FS 10), 2010, 256-261
7. **M. Apetrii**, D. Rusu - Risk estimation for car accidents, International Journal of Risk Theory, 2 (2012), 85-94.
8. **M. Apetrii**, M. Durea, R. Strugariu, On subregularity properties of set-valued mappings. Applications to solid vector optimization, Set-Valued and Variational Analysis, 21 (2013), 93-126.
9. **M. Apetrii**, M. Durea, R. Strugariu, A new penalization tool in scalar and vector optimizations, Nonlinear Analysis: Theory, Methods and Applications, 107 (2014), 22-33.
10. **M. Apetrii**, M.-H. Matcovschi, O. Pastravanu, E. Rotenstein, Invariance for stochastic differential systems with time depending constraining sets, Acta Math Sinica (2014), accepted
11. **M. Apetrii**, M.H. Matcovschi, O. Pastravanu, E. Rotenstein, Towards a unifying approach to set invariance in the qualitative analysis of dynamical systems (submitted).

CAPITOLE DE CARTE

Apetrii Marius (Coautor), Directii Moderne în Analiza Multivocă şi Teoria Optimizării, Casa de Editura Venus (2006), ISBN: 973-756-029-9

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