**LISTA DE PUBLICAŢII**

**Kristály Alexandru**

1. **Monografii şi capitole de cărţi**
2. Kristály A, Radulescu V, Varga Cs, *Variational Principles in Mathematical Physics, Geometry, and Economics,* Encyclopedia of Mathematics and its Applications, No. 136, Cambridge University Press, Cambridge, UK. ISBN-10: 0521117828 | ISBN-13: 9780521117821

Online: <http://www.cambridge.org/catalogue/catalogue.asp?isbn=9780521117821>

1. Kristály A, *A Set-Valued Approach to Critical and Equilibrium Points*, Casa Cărţii de Ştiinţă, Cluj-Napoca, Romania, 2009. ISBN: 978-973-133-616-9
2. Kristály A, Varga Cs, *An Introduction to Critical Point Theory for Non-smooth Functions,* Casa Cărţii de Ştiinţă, Cluj-Napoca, Romania, 2004 ISBN: 973-686-604-1
3. Kristály A, Papageorgiou NS, *Study of some semilinear ellipticproblems on Rn via variational methods* [Chapter 5, in 'Handbook of Nonconvex Analysis and Applications', Edited by D.Y. Gao and D.Motreanu. ISBN: 978-1-57146-200-8. Published at 12 November 2010. Publisher: International Press of Boston]. Pagina web: <http://intlpress.com/books/9781571462008.php>
4. **Articole acceptate/publicate în reviste ISI**

1. Kristály A*, Nash-type equilibria on Riemannian manifolds: a variational approach,* J MATH PURES APPL (Liouville Journal), 2013, acceptat.
2. Kristály A, S. Ohta, *Caffarelli-Kohn-Nirenberg inequality on metric measure spaces with applications,* MATH ANNALEN, 357:(2) 711-726 (2013).
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8. Kristály A, Repovs D, *Multiple solutions for a Neumann system involving subquadratic nonlinearities,* NONLINEAR ANALYSIS-TMA, 74:(6) 2127–2132 (2011).
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12. Kristály A, Morosanu Gh, [*New competition phenomena in Dirichlet problems*](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VMD-4YPPR5V-3&_user=10&_coverDate=03%2F27%2F2010&_alid=1336331636&_rdoc=1&_fmt=high&_orig=search&_cdi=6148&_sort=r&_docanchor=&view=c&_ct=15&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=10add6bbc65c0826f702359879bfdd10)*,* J MATH PURES APPL (Liouville Journal), [94:(6)](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=287481) 555-570 [(2010)](http://www.ams.org/mathscinet/search/publications.html?pg1=ISSI&s1=287481).
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14. Kristály A, Papageorgiou NS, *Multiple nontrivial solutions for Neumann problems involving the p-Laplacian: a Morse theoretical approach*, ADV NONLINEAR STUD 10:(1), 83-107 (2010).
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17. Kristály A, Varga Cs, *Multiple solutions for a degenerate elliptic equation involving sublinear terms at infinity,* J MATH ANAL APPL 352: (1) 139-148 (2009).
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