

Lista de lucrări: Vasile BERINDE

1. Cărți tipărite în edituri internaționale de prestigiu

- (2) Vasile Berinde, *Iterative Approximation of Fixed Points*
Springer Verlag, Lectures Notes in Mathematics, 1912, xvi+322 pages, 2007, ISBN 978-3-540-72233-5 [MR2323613] [Zbl pre05162274]
- (1) Vasile Berinde, *Exploring, Investigating and Discovering in Mathematics*
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2. Articole științifice cotate Web of Science (ISI)

2.1. Articole științifice publicate în reviste cotate Web of Science (ISI)

- (49) S. Shukri, V. Berinde, A.R. Khan, Fixed points of discontinuous mappings in uniformly convex metric spaces, **Fixed Point Theory** (accepted)
- (48) Fukhar-ud-din, H., Berinde, V., *Iterative methods for the class of quasi-contractive type operators and comparison of their rate of convergence in convex metric spaces*, **Filomat** (accepted)
- (47) V. Berinde and Mădălina Păcurar, *The contraction principle for nonself mappings on Banach spaces endowed with a graph*, **J. Nonlinear Convex Anal.** 16 (2015), no. 9, 1925-1936
- (46) V. Berinde, Mihaela Petric, *Fixed point theorems for cyclic non-self single-valued almost contractions*, **Carpathian J. Math.** 31 (2015), No. 3, 277-287
- (45) V. Berinde, Mădălina Păcurar, *A constructive approach to coupled fixed point theorems in metric spaces*, **Carpathian J. Math.** 31 (2015), No. 3, 269-275
- (44) V. Berinde and Khan, A.R., Fukhar-ud-din, H., *Convergence theorems for admissible perturbations of generalised pseudocontractive operators*, **J. Nonlinear Convex Anal.** 16 (2015), No. 3, 563-572
- (43) M. Borcut, V. Berinde and Mădălina Păcurar, *Tripled fixed point theorems for mixed monotone Chatterjea type contractive operators*, **J. Computational Analysis and Applications** 18 (2015), No. 5, 793-802
- (42) V. Berinde, Pacurar, M. and Rus, I.A., *From a Dieudonne theorem concerning the Cauchy problem to an open problem in the theory of weakly Picard operators*, **Carpathian J. Math.** 30 (2014), No. 3, 283-292
- (41) V. Berinde, Khan, A.R. and Pacurar, M., *Coupled solutions for a bivariate weakly nonexpansive operator by iterations*, **Fixed Point Theory Appl.**, 2014:149
- (40) V. Berinde and Mădălina Păcurar, *Stability of k -step fixed point iterative methods for some Pre α - ψ - ϕ type contractive mappings*, **J. Ineq. Appl.** 2014, 2014:149
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- (39) M. Borcut, V. Berinde and Mădălina Păcurar, *Tripled fixed point theorems for mixed monotone Kannan type contractive operators*, **J. Applied Math.** Volume 2014, Article ID 120203, 8 pages
- (38) V. Berinde, St. Maruster and I. A. Rus, *An abstract point of view on iterative approximation of fixed points of nonself operators*, **J. Nonlinear Convex Anal.**, 15

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- (37) Berinde, V., Khan, A.R. and Păcurar, M., *Convergence theorems for admissible perturbations of ϕ -pseudocontractive operators*, **Miskolc Math. Notes**, 15 (2014) No. 1, 27-37
- (36) Maryam A. Alghamdi, V. Berinde and N. Shahzad, *Fixed points of non-self almost contractions*, **Carpathian J. Math.** 30 (2014), No. 1, 7-14
- (35) Maryam A. Alghamdi, V. Berinde and Naseer Shahzad, *Fixed points of multi-valued non-self almost contractions*, **J. Appl. Math.** 2013 2013: 621614
- (34) V. Berinde, F. Vetro, *Fixed point for cyclic weak Ψ, C -contractions in 0-complete partial metric spaces*, **Filomat** 27 (2013), No. 8, 1405-1413
- (33) V. Berinde and Madalina Pacurar, *Fixed point theorems for nonself single-valued almost contractions*, **Fixed Point Theory** 14 (2013), no. 2, 301-311
- (32) Vasile Berinde, *Convergence theorems for fixed point iterative methods defined as admissible perturbations of a nonlinear operator*, **Carpathian J. Math.**, 29 (2013), No. 1, 9-18
- (31) Vasile Berinde, C. Mortici, *New sharp estimates of the generalized Euler-Mascheroni constant*, **Mathematical Inequalities & Applications** 16 (2013), No. 1, 279–288
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- (29) Vasile Berinde, Madalina Pacurar, *Coupled fixed point theorems for generalized symmetric Meir-Keeler contractions in ordered metric spaces*, **Fixed Point Theory and Applications** 2012, 2012:115 doi:10.1186/1687-1812-2012-115
- (28) Vasile Berinde, F. Vetro, *Common fixed points of mappings satisfying implicit contractive conditions*, **Fixed Point Theory and Applications** 2012, 2012:105
- (27) Vasile Berinde, *Coupled coincidence point theorems for mixed monotone nonlinear operators*, **Computers and Mathematics with Applications** 64 (2012), No. 6, 1770-1777 doi:10.1016/j.camwa.2012.02.012
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- (19) Monica Luran, Vasile Berinde, *Nonexpansive fixed point technique used to solve boundary value problems for fractional differential equations*, **Analele Stiintifice ale Universitatii**

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- (16) Vasile Berinde, *Common fixed points of noncommuting discontinuous weakly contractive mappings in cone metric spaces*, **Taiwanese J. Math.** 14 (2010), no. 5, 1763-1776 [MR2724132]
- (15) Vasile Berinde, *Common fixed points of noncommuting almost contractions in cone metric spaces*, **Math. Commun.**, 15 (2010), No. 1, 229-241 ISSN:1331-0623 [MR2668996 (2011f:47093)]
- (14) Vasile Berinde, *Carpathian Journal of Mathematics: Celebrating 20 years of publication of the new series*, **Carpathian J. Math.**, 26 (2010), No. 2, i-vi
- (13) Vasile Berinde, *Living in a fairy land called mathematics: Svetoslav Jordanov Bilchev (1946 – 2010)*, **Carpathian J. Math.**, 26 (2010), No. 2, vii-xiv [MR2721971]
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- (10) Vasile Berinde, *A common fixed point theorem for compatible quasi contractive self mappings in metric spaces*, **Appl. Math. Comput.**, 213 (2009), 348-354 ISSN: 0096-3003 [MR2536657]
- (9) Vasile Berinde, *Approximating common fixed points of noncommuting discontinuous weakly contractive mappings in metric spaces*, **Carpathian J. Math.**, 25 (2009), No. 1, 13-22 ISSN 1584-2851 [MR2523035 (2010f:54054)]
- (8) Vasile Berinde, *Some remarks on a fixed point theorem for '\ Ciri\' c-type almost contractions*, **Carpathian J. Math.**, 25 (2009), No. 2, 157-162 ISSN 1584-2851 [MR2731191]
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- (4) Berinde Vasile; Pop Nicolae, *6TH International Conference on Applied Mathematics September 18-21, 2008. Foreword*, **Carpathian J. Math.** 24 (2008) No. 3, 1-1 [MR2310709]
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- (2) Vasile Berinde, *Iterative approximation of fixed points-Introduction*, **Lectures Notes in Mathematics**, 1912, 2007, 1-304 ISSN: 0075-8434

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- (6) Vasile Berinde, Mădălina Păcurar, *Iterative approximation of fixed points of almost contractions*, **Proceed. of Ninth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing** (2007), IEEE Computer Society, 2007, pp. 387-394
- (5) Pacurar, Madalina, Vasile Berinde, *A convergence theorem for some Newton type methods under weak smoothness conditions*, **Proc. Conf. Aplimat 2007**, Bratislava, Slov. Rep., Part II, 2007, Editor(s): Kovacova M., Pages: 265-270, 2007, ISBN: 978-80-969562-5-8
- (4) Vasile Berinde, *Approximating fixed points of Lipschitzian pseudo-contractions* in **Mathematics & mathematics education(Bethlehem, 2000)**, World Sci. Publishing. River Edge, 2002, NJ, pp. 73-81, ISBN 981-02-4720-6 [MR 1910825] [Zbl 1016.47046]
- (3) Vasile Berinde, *Weak smoothness conditions and the Newton's method* in **Finite Difference Methods: Theory and Applications**(A. Samarskii, P.N. Vabishchevich, L. Vulkov - eds), Nova Science Publishers, 1999, pp. 1-8 ISBN 1-56072-645-8 [MR 1 714 031] [Zbl 0968.65031] [CMP 1 714 031]
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- (1) Vasile Berinde, *On the extended Newton's method* **Advances in Difference Equations** , S. Elaydi, I. Gyori, G. Ladas (eds.), Gordon and Breach Publishers, 1997, pp. 81-88 [Zbl 893.65033]; [MR 99e: 65090] ISBN 90-5699-521-9

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- (14) Vasile Berinde, *On some convergence theorems for mean value fixed point iterations in the class of quasi contractive operators*, **Demonstr. Math.**, 38 (2005), No. 1, 177-184 [MR 2123732 (2005j:47057)] [Zbl 1074.47030]
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- (64) Berinde, V., Păcurar, M., *The role of the Pompeiu-Hausdorff metric in fixed point theory*, **Creat. Math. Inform.** 22 (2013), no. 2, 143-150
- (63) Berinde, V., Cioban, M., *Generalized distances and their associate metrics. Impact on fixed point theory*, **Creat. Math. Inform.** 22 (2013), no. 1, 23 - 32
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- (54) Vasile Berinde, Madalina Pacurar, *An iterative method for approximating fixed points of Presic nonexpansive mappings*, *Rev. d'Anal. Numer. Theor. Approx.*, 38 (2009), No. 2, 144-153 ISSN: 1222-9024 [MR2829440]
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