

ПУБЛИКАЦИИ НА НИКОЛАЙ ВАСИЛЕВ ЖИВКОВ:

Научни публикации:

22. S.J. DILWORTH, DENKA KUTZAROVA, N. LOVASOA RANDRIANARIVONY, J.P. REVALSKI, N.V. ZHIVKOV, *Compactly uniformly convex spaces and property (β) of Rolewicz*, J. Math. Anal. Appl. (submitted).
21. J.P. REVALSKI, N.V. ZHIVKOV, *Best Approximation Problems in Compactly Uniformly Rotund Spaces*, J. Convex Anal., **19**, 4 (2012) (accepted). (IF 2010: 0.908)
20. G. PANTSULAIA, N.V. ZHIVKOV, *On Witsenhausen-Kalai Constants for Extensions of the Surface Measure on S^n , Algebras Groups and Geometries*, **27**(4), (2011), 391–408.
19. J.P. REVALSKI, N.V. ZHIVKOV, *Small Sets in Best Approximation Theory*, J. Glob. Optim., **50** (2011), 77-91. (IF 2010: 1.16)
18. F.S. DE BLASI, NIKOLAY ZHIVKOV, *On Typical Sets in Banach Spaces and a Parametric Kuratowski-Ulam Theorem*, Monatsh. Math. **158** (2009), 349-356. (IF 2009: 0.764)
17. F.S. DE BLASI, N.V. ZHIVKOV, *Typical Compacta with Dense Ambiguous Loci*, Rev. Roum. Math. Pures Appl. **L 5-6** (2005), 555–564 (Volume dedicated to 60th anniversary of Tudor Zamfirescu)
16. F.S. DE BLASI, N.V. ZHIVKOV, *Properties of Typical Bounded and Closed Convex Sets in Hilbert Spaces*, Abstr. Appl. Anal. 2005:4 (2005), 423-436. (IF 2008: 0.644)
15. F.S. DE BLASI, N.V. ZHIVKOV, *The Number of Nearest and Farthest Points to a Compactum in Euclidean Space*, Israel J. Math. **130** (2002), 347-363. (IF 2002: 0.636)
14. F.S. DE BLASI, N.V. ZHIVKOV, *On Two-Loci of Metric Projections*, Arch. Math. (Basel) **73** (1999), 42-49. (IF 1998: 0.216)
13. N.V. ZHIVKOV, *Compacta with Dense Ambiguous Loci of Metric Projections and Antiprojections*, Proc. Amer. Math. Soc. **123**, 11 (1995), 3403-3411. (IF 1995: 0.296)
12. N.V. ZHIVKOV, *Densely Two-Valued Metric Projections in Uniformly Convex Banach spaces*, Set-Valued Anal. **3** (1995), 195-209. (IF 1997: 0.397)
11. N.V. ZHIVKOV, *Peano Continua Generating Densely Multivalued Metric Projections*, Rend. Sem. Mat. Univ. Politecn. Torino **52**, 4 (1994), 335-346.

(Представени на конкурс за доцент):

10. N.V. ZHIVKOV, *Examples of Plane Compacta with Dense Ambiguous Loci*, Compt. rend. l'Acad. bulg. Sci. **46**, 1 (1993), 27-30. (IF 1993: 0.126)

9. J.P. REVALSKI, N.V. ZHIVKOV, *Well-Posed Constrained Optimization Problems in Metric Spaces*, J. Optim. Theory Appl. **76** 1 (1993), 145-163. (IF 1993: 0.333)
8. N.V. ZHIVKOV, *Characterization of Reflexive Spaces by Means of Continuous Approximate Selections for Metric projections*, J. Approx. Theory **56**, 1 (1989), 59-71. (IF 1989: 0.316)
7. N.V. ZHIVKOV, *Generic Gateaux Differentiability of Directionally Differentiable Mappings*, Rev. Roum. Math. Pures Appl. **32**, 2 (1987), 179-188.
6. M. FABIAN, N.V. ZHIVKOV, *Characterization of Asplund Spaces with the Help of Local ε -Supports of Ekeland and Lebourg*, Compt. rend. l'Acad. bulg. Sci., **38**, 6 (1985), 671-674. (IF 1985: 0.12)

(Представени на защита на дисертация за доктор):

5. N.V. ZHIVKOV, *Necessary Condition for Best Hausdorff Approximation of Plane Convex Compacta by Polygons*, Colloq. Math. Soc. Janos Bolyai, Intuitive Geometry **48**, 1 (1985), 663-688.
4. N.V. ŽIVKOV, *Generic Gâteaux Differentiability of Locally Lipschitzian Functions*, Constructive Function Theory'81, 1983, 590-594.
3. N.V. ZHIVKOV, *Plane Polygonal Approximation of Bounded Convex Sets*, Compt. rend. l'Acad. bulg. Sci., **35**, 12 (1982), 1631-1634. (IF 1982: 0.12)
2. NIKOLAI ZHIVKOV, *Continuity and Non-Multi-Valuedness Properties of Metric Projections and Antiprojections*, Serdica **8**, 4 (1982), 378-385.
1. N.V. ZHIVKOV, *Metric Projections and Antiprojections in Strictly Convex Normed Spaces*, Compt. rend. l'Acad. bulg. Sci., **31**, 4 (1978), 369-372.

Научно-приложни публикации:

23. НИКОЛАЙ ЖИВКОВ, *Геометричен Подход за Избор на Сценарии*, 209-213, Методология и Сценарии за Отбранително Планиране, Министерство на Отбраната. Дирекция "Отбранителна Политика 2007. ISBN 978-954-509-392-0.
24. TODOR TAGAREV, TSVETOMIR TSACHEV, AND NIKOLAY ZHIVKOV, *Formalizing the Optimization Problem in Long-Term Capability Planning*, Information and Security, **23** (1), (2009), 99-114.