# DuÅjan D RepovÅ ${ }_{i}$ 

## List of Publications by Year in descending order

Source: https:/|exaly.com/author-pdf/5574877/publications.pdf
Version: 2024-02-01

1 Nonlinear Analysis - Theory and Methods. Springer Monographs in Mathematics, 2019, , . 0.2 ..... 3232 Lebesgue and Sobolev Spaces with Variable Exponents. , 2015, , 25-44.139
Double phase transonic flow problems with
waves. Nonlinearity, 2019, 32, 2481-2495. 1.4 ..... 1174 Continuous Selections of Multivalued Mappings. , 1998, , .113
5 Double phase problems with variable growth. Nonlinear Analysis: Theory, Methods \& Applications, 2018, 177, 270-287. 1.1 ..... 92
$6 \begin{aligned} & \text { Combined effects in nonlinear problems arising in the study of anisotropic } \\ & \text { Nonlinear Analysis: Theory, Methods \& Applications, 2012, 75, 1524-1530. }\end{aligned}$1.184
7 Double-phase problems and a discontinuity property of the spectrum. Proceedings of the American ..... 0.8 ..... 778 Existence and symmetry of solutions for critical fractional SchrÃ厅dinger equations with boundedpotentials. Nonlinear Analysis: Theory, Methods \& Applications, 2016, 142, 48-68.
1.1 ..... 69
$9 \quad$ Positive solutions for perturbations of the Robin eigenvalue problem plus an indefinite potential. Discrete and Continuous Dynamical Systems, 2017, 37, 2589-2618. ..... 0.9 ..... 68
Double-phase problems with reaction of arbitrary growth. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1. ..... 1.4 ..... 67
11 Stationary waves of SchrÃ $\operatorname{l}$ dinger-type equations with variable exponent. Analysis and Applications,
2015, 13, 645-661.
2.2 ..... 62
Nonlinear nonhomogeneous singular problems. Calculus of Variations and Partial Differential1.760
Equations, 2020, 59, 1.
1.054Higher nonlocal problems with bounded potential. Journal of Mathematical Analysis and Applications,2014, 420, 167-176.Existence and multiplicity of solutions for doubleâ€phase Robin problems. Bulletin of the London0.846Mathematical Society, 2020, 52, 546-560.
Multiple solutions of double phase variational problems with variable exponent. Advances in ..... 1.2 ..... 45
15 Calculus of Variations, 2020, 13, 385-401.

| 19 | On the fractional SchrÃqdingerâ€"Kirchhoff equations with electromagnetic fields and critical nonlinearity. Computers and Mathematics With Applications, 2018, 75, 1778-1794. | 2.7 | 9 |
| :---: | :---: | :---: | :---: |
| 20 | Existence and multiplicity results for a new<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="dle22" altimg="sil3.svg">[mml:mrow](mml:mrow)[mml:mi](mml:mi)p</mml:mi>[mml:mrow](mml:mrow)[mml:mo](mml:mo)(</mml:mo>[mml:mi](mml:mi) problem. Nonlinear Analysis: Theory, Methods \& Applications, 2020, 190, 111598. |  |  |
| 21 | Ground state and nodal solutions for a class of double phase problems. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1. | 1.4 | 36 |
| 22 | A proof of the Hilbert-Smith conjecture for actions by Lipschitz maps. Mathematische Annalen, 1997, 308, 361-364. | . 4 | 35 |
| 23 | A weighted anisotropic variant of the Caffarelliâe" "Kohnâe"Nirenberg inequality and applications. Nonlinearity, 2018, 31, 1516-1534. | 1.4 | 33 |
| 24 | On a<mml:math xmlns:mml="http:/\|www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" <br>  problem with no-flux boundary condition. Computers and Mathematics With Applications, 2016, 72, 2505-2515. |  |  |
| 25 | On a Class of Parametric (p,Â2)-equations. Applied Mathematics and Optimization, 2017, 75, 193-228. | 1.6 | 32 |

26 On sequences of solutions for discrete anisotropic equations. , 2014, 32, 284-295.
$27 \quad$ Positive solutions for nonlinear parametric singular Dirichlet problems. Bulletin of Mathematical Sciences, 2019, 09, 1950011. 0.7 ..... 31
Multiple solutions of <i>p</i>-biharmonic equations with Navier boundary conditions. ComplexVariables and Elliptic Equations, 2014, 59, 271-284.

$0.8 \quad 30$28
29 Existence of solutions for p-Laplacian discrete equations. Applied Mathematics and Computation, 2014,
242, 454-461. ..... 29
30 Multiple perturbations of a singular eigenvalue problem. Nonlinear Analysis: Theory, Methods \&
1.129
Applications, 2015, 119, 37-45.A deleted product criterion for approximability of maps by embeddings. Topology and Its Applications,0.428
1998, 87, 1-19.
0.4 ..... 2832 On semilocally simply connected spaces. Topology and Its Applications, 2011, 158, 397-408.
33 Asymptotics for singular solutions of quasilinear elliptic equations with an absorption term. Journal ..... 1.0 ..... 28
of Mathematical Analysis and Applications, 2012, 395, 78-85.Positive solutions for nonlinear nonhomogeneous parametric Robin problems. Forum Mathematicum,
Sensitivity analysis for optimal control problems governed by nonlinear evolution inclusions
37 Advances in Nonlinear Analysis, 2017, 6, 199-235.
Fractional magnetic SchrÃๆdingerâ€Kirchhoff problems with convolution and critical nonlinearities.
Mathematical Methods in the Applied Sciences, 2020, 43, 2473-2490.

40 Multiple solutions for a nonlinear and non-homogeneous problem in Orliczâ€"Sobolev spaces. Applied
45 On the SchrÃ $q d i n g e r a ̂ \notin " M a x w e l l ~ s y s t e m ~ i n v o l v i n g ~ s u b l i n e a r ~ t e r m s . ~ N o n l i n e a r ~ A n a l y s i s: ~ R e a l ~ W o r l d ~$
Applications, 2012, 13, 213-223.

$$
\begin{aligned}
& \text { MATHIAS FORCING AND COMBINATORIAL COVERING PROPERTIES OF FILTERS. Journal of Symbolic Logic, } \\
& 2015,80,1398-1410 .
\end{aligned}
$$

$0.5 \quad 22$
On Functions of Nonconvexity for Graphs of Continuous Functions. Journal of Mathematical Analysis and Applications, 1995, 196, 1021-1029.1.020Existence and localization of solutions for nonlocal fractional equations. Asymptotic Analysis, 2014,0.5
$55(<i>p</ i>, 2)$-equations asymmetric at both zero and infinity. Advances in Nonlinear Analysis, 2018, 7, ..... 2.6 ..... 19
327-351.Cohomological dimension with respect to perfect groups. Topology and Its Applications, 1996, 74,Nonlinear Elliptic Inclusions with Unilateral Constraint and Dependence on the Gradient. AppliedMathematics and Optimization, 2018, 78, 1-23.
61 Transversal intersection formula for compacta. Topology and Its Applications, 1998, 85, 93-117.
63 On M-separability of countable spaces and function spaces. Topology and Its Applications, 2010, 157, 2538-2541.
On 1-cycles and the finite dimensionality of homology 4-manifolds. Topology, 1992, 31, 605-623.0.315
65 Families of group presentations related to topology. Journal of Algebra, 2005, 286, 41-56.0.715
66 Quantitative Rellich inequalities on Finslerâ $€$ "Hadamard manifolds. Communications in Contemporary ..... 1.2Existence results for nonlinear elliptic problems on fractal domains. Advances in Nonlinear Analysis,
2.6 ..... 15
2016, 5, 75-84. 67Existence and multiplicity of solutions for fractional SchrÃ厅dingerâ $\epsilon^{\prime \prime}$ Kirchhoff equations with1.11568 Trudingerâ€"Moser nonlinearity. Nonlinear Analysis: Theory, Methods \& Applications, 2019, 186, 74-98.
1.0 ..... 15
On critical variable-order Kirchhoff type problems with variable singular exponent. Journal of
1.0 69 Mathematical Analysis and Applications, 2022, 514, 126264.
New results on embeddings of polyhedra and manifolds in Euclidean spaces. Russian Mathematical

```
73 Spaces of idempotent measures of compact metric spaces. Topology and Its Applications, 2010, 157,
136-144.

76 Groups of obstructions to surgery and splitting for a manifold pair. Sbornik Mathematics, 1997, 188,

78 On the Menger covering property and \$D\$-spaces. Proceedings of the American Mathematical Society, 2012, 140, 1069-1074.
```

79 A Nash type solution for hemivariational inequality systems. Nonlinear Analysis: Theory, Methods \&
Applications, 2011, 74, 5585-5590.

```
81 Robin problems with indefinite linear part and competition phenomena. Communications on Pure andApplied Analysis, 2017, 16, 1293-1314.

Sections of convex bodies and splitting problem for selections. Journal of Mathematical Analysis and
Applications, 2007, 334, 646-655.

92 Fuzzy Prokhorov metric on the set of probability measures. Fuzzy Sets and Systems, 2011, 175, 96-104.
2.7
2.6
weight functions. Advances in Nonlinear Analysis, 2021, 10, 1117-1131.

On the failure of the Urysohn-Menger sum formula for cohomological dimension. Proceedings of the
American Mathematical Society, 1994, 120, 1267-1270.

On manifold spines and cyclic presentations of groups. Banach Center Publications, 1998, 42, 49-56.
0.1

10

Embedding up to homotopy type in Euclidean space. Bulletin of the Australian Mathematical Society, 1993, 47, 145-148.

Surgery on triples of manifolds. Sbornik Mathematics, 2003, 194, 1251-1271.

On Unions and Intersections of Simply Connected Planar Sets. Monatshefte Fur Mathematik, 2005, 145, 239-245.

Existence and Multiplicity of Solutions for Resonant (p,2)-Equations. Advanced Nonlinear Studies, 2018, 18, 105-129.

100 Anisotropic (p, q)-equations with gradient dependent reaction. Nonlinearity, 2021, 34, 5319-5343.
1.4

Uncountably many inequivalent Lipschitz homogeneous Cantor sets in â,,«sup>3</sup>. Pacific Journal of Mathematics, 2005, 222, 287-299.

102 On uncountable collections of continua and their span. Colloquium Mathematicum, 1996, 69, 289-296.
0.3

9
.

General Position Properties That Characterize 3-Manifolds. Canadian Journal of Mathematics, 1992, 44, 234-251.

On Nonconvexity of Graphs of Polynomials of Several Real Variables. Set-Valued and Variational Analysis, 1998, 6, 39-60.

On Banach-Mazur compacta. Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 2000, 69, 316-335.

On the topological Helly theorem. Topology and Its Applications, 2006, 153, 1614-1621.
0.4

A nonaspherical cell-like 2-dimensional simply connected continuum and related constructions.
Topology and Its Applications, 2009, 156, 515-521.
0.4

On the splitting problem for selections. Journal of Mathematical Analysis and Applications, 2009, 355,
277-287.
\begin{tabular}{lll}
109 & \begin{tabular}{l} 
Distinguishing Bing-Whitehead Cantor sets. Transactions of the American Mathematical Society, 2011, \\
\(363,1007-1007\).
\end{tabular} & 0.9
\end{tabular}
116 The recognition problem for topological manifolds: a survey. Kodai Mathematical Journal, 1994, 17, .
117 A construction of noncontractible simply connected cell-like two-dimensional Peano continua. ..... 0.5 ..... 8
Fundamenta Mathematicae, 2007, 195, 193-203.On a new fractional Sobolev space with variable exponent on complete manifolds. Boundary ValueProblems, 2022, 2022, .
\(0.7 \quad 8\)
119 On exact Milyutin mappings. Topology and Its Applications, 1997, 81, 197-205. ..... 0.4 ..... 7
\(120 \begin{aligned} & \text { Continuous Selections as U } \\ & \text { Analysis, 1999, 7, 239-254. }\end{aligned}\) ..... 0.5 ..... 7
Continuous Selections as Uniform Limits of \(\hat{I}^{\prime}-C o n t i n u o u s ~ i ̂ \mu\)-Selections. Set-Valued and VariationalOn two-dimensional planar compacta not homotopically equivalent to any one-dimensional\(0.4 \quad 7\)compactum. Topology and Its Applications, 2005, 153, 284-293.Homotopy type of the complement of an immersion and classification of embeddings of tori. Russian


127 Existence results for variationalấ"hemivariational problems with lack of convexity. Nonlinear Analysis: Theory, Methods \& Applications, 2010, 73, 99-104.

Singular solutions of perturbed logistic-type equations. Applied Mathematics and Computation, 2011, 218, 4414-4422.

Multiple solutions for a Neumann system involving subquadratic nonlinearities. Nonlinear Analysis:
129 Theory, Methods \& Applications, 2011, 74, 2127-2132.
1.1

130 Group Gradings on Finite Dimensional Lie Algebras. Algebra Colloquium, 2013, 20, 573-578.
\(0.2 \quad 7\)

132 Numerical Invariants of Identities of Unital Algebras. Communications in Algebra, 2015, 43, 3823-3839.
\(0.6 \quad 7\)
```

145 o-Boundedness of free topological groups. Topology and Its Applications, 2010, 157, 466-481.

Spectral isometries onto algebras having a separating family of finite-dimensional irreducible representations. Journal of Mathematical Analysis and Applications, 2010, 365, 605-608.
On noncontractible compacta with trivial homology and homotopy groups. Proceedings of the
American Mathematical Society, 2010, 138, 1525-1525.

148 Topological monoids of monotone injective partial selfmaps of â,•• with cofinite domain and image.
151 A topological characterization of LF-spaces. Topology and Its Applications, 2012, 159, 1475-1488.
153 PRODUCTS OF HUREWICZ SPACES IN THE LAVER MODEL. Bulletin of Symbolic Logic, 2017, 23, 324-333. ..... 0.2
155 On weak solutions for fourthâ€order problems involving the Lerayâ€"Lions type operators. MathematicalMethods in the Applied Sciences, 2021, 44, 13060-13068.
$2.3 \quad 6$
The Urysohn-Menger sum formula: an extension of the Dydak-Walsh theorem to dimension one,
163
Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 1995, 59,
$273-282$.
164 On smoothness of compacta. Journal of Mathematical Sciences, 2000, 100, 2716-2726. ..... $0.4 \quad 5$
165 On projected embeddings and desuspending the $\hat{I} \pm$-invariant. Topology and Its Applications, 2002, 124, 0.4 ..... 5

        69-75.
    Classification of framed links in 3-manifolds. Proceedings of the Indian Academy of Sciences:
Mathematical Sciences, 2007, 117,301-306.

$168 \quad$| Hurewicz sets of reals without perfect subsets. Proceedings of the American Mathematical Society, |
| :--- |
| $2008,136,2515-2520$. |


$169 \quad$| Topological structure of direct limits in the category of uniform spaces. Topology and lts |
| :--- |
| Applications, 2010, 157, 1091-1100. |

0.4170 Positive solutions for superdiffusive mixed problems. Applied Mathematics Letters, 2018, 77, 87-93.2.75
171 Positive solutions for nonvariational RobinÂproblems. Asymptotic Analysis, 2018, 108, 243-255. ..... 0.5 ..... 5
Relaxation methods for optimal control problems. Bulletin of Mathematical Sciences, 2020, 10,2050004.Nodal solutions for double phase Kirchhoff problems with vanishing potentials. Asymptotic Analysis,2021, 124, 371-396.
0.5 ..... 5
174 Continuous Selections of Multivalued Mappings. , 2002, , 423-461. ..... 5
A new construction of semi-free actions on Menger manifolds. Proceedings of the American 175 A Mathematical Society, 2000, 129, 1551-1562.0.85A new 3-dimensional shrinking criterion. Transactions of the American Mathematical Society, 1989, 315,0.9219-230.
On unstable intersections of 2-dimensional compacta in Euclidean 4-space. Topology and Its
Applications, 1993, 54, 3-11.0.44On the Failure of the Urysohn-Menger Sum Formula for Cohomological Dimension. Proceedings ofthe American Mathematical Society, 1994, 120, 1267.
Group actions on manifolds and smooth ambient homogeneity. Journal of Mathematical Sciences, 1997,
83, 546-549.
181 A minimax theorem for functions with possibly nonconnected intersections of sublevel sets. Journal
of Mathematical Analysis and Applications, 2006, 314, 537-545.
Amalgamated products and properly 3-realizable groups. Journal of Pure and Applied Algebra, 2007, 208, 293-296.

183 Ernest Michael and theory of continuous selections. Topology and Its Applications, 2008, 155, 755-763.
$0.4 \quad 4$

Perturbation effects in nonlinear eigenvalue problems. Nonlinear Analysis: Theory, Methods \&
1.14 Applications, 2009, 70, 3030-3038.

185 Semigroup closures of finite rank symmetric inverse semigroups. Semigroup Forum, 2009, 78, 326-336.
$0.6 \quad 4$

186 Nonlinear mappings preserving at least one eigenvalue. Studia Mathematica, 2010, 200, 79-89.
$0.7 \quad 4$
On the Singular Homology of One Class of Simply-connected Cell-like Spaces. Mediterranean Journal
of Mathematics, 2011, 8, 153-160.
$0.8 \quad 4$

## 188 Locally G-homogeneous Busemann G-spaces. Differential Geometry and Its Applications, 2011, 29,

 299-318.189 Ambiguous representations as fuzzy relations between sets. Fuzzy Sets and Systems, 2011, 173, 25-44.
2.7

Polyhedral approximations of strictly convex compacta. Journal of Mathematical Analysis and Applications, 2011, 374, 529-537.

> 191 The covering homotopy extension problem for compact transformation groups. Mathematical Notes, $2012,92,737-750$.
0.4

4

On monoids of monotone injective partial selfmaps of integers with cofinite domains and images.
192 Georgian Mathematical Journal, 2012, 19. .
0.6

4

On a PDE involving the -Laplace operator. Nonlinear Analysis: Theory, Methods \& Applications, 2012, 75,
975-981.
1.1

4

Detecting topological groups which are (locally) homeomorphic to LF-spaces. Topology and Its
0.4

Applications, 2013, 160, 2272-2284.

Maxâ€"min measures on ultrametric spaces. Topology and Its Applications, 2013, 160, 673-681.
$0.4 \quad 4$

196 On minimal PoincarÃ© \$4\$-complexes. Turkish Journal of Mathematics, 2014, 38, 535-557.
0.7

Graded coalmensions of Lie superalgeora < mmi:matn
xmlns:mml="http:/|www.w3.org/1998/Math/MathML" altimg="sil.gif"
197 overflow="scroll" > [mml:mi](mml:mi) b < $/ \mathrm{mml}: \mathrm{mi}\rangle\langle\mathrm{mml}: \mathrm{mo}$
$0.7 \quad 4$
stretchy="false" $\rangle(\langle\mid \mathrm{mml}: \mathrm{mo}\rangle\langle\mathrm{mml}: \mathrm{mn}>2\langle\mid \mathrm{mml}: \mathrm{mn}\rangle\langle\mathrm{mml}: m o$ stretchy="false" $\rangle$ ) </mml:mo><|mml:math $\rangle$.

Nonlocal Kirchhoff Superlinear Equations with Indefinite Nonlinearity and Lack of Compactness.
International Journal of Nonlinear Sciences and Numerical Simulation, 2016, 17, 325-332.
199 Robin problems with a general potential and a superlinear reaction. Journal of Differential Equations,
199 2017, 263, 3244-3290.
2.24

Multiple solutions for resonant problems of the Robin p-Laplacian plus an indefinite potential. 200 Calculus of Variations and Partial Differential Equations, 2017, 56, 1.
$1.7 \quad 4$

Asymmetric Robin Problems with Indefinite Potential and Concave Terms. Advanced Nonlinear Studies,
$201 \quad \begin{aligned} & \text { Asymmetric Robin } \\ & 2019,19,69-87 .\end{aligned}$
1.7

4

Nonlinear singular problems with indefinite potential term. Analysis and Mathematical Physics, 2019, 9, 2237-2262.
1.3

4
203 Nonlinear, Nonhomogeneous Robin Problems with Indefinite Potential and General Reaction. Applied

1.6

Mathematics and Optimization, 2020, 81, 823-857.

- 

204 Robin double-phase problems with singular and superlinear terms. Nonlinear Analysis: Real World
Applications, 2021, 58, 103217.
1.7

4

205 Anisotropic Singular Neumann Equations with Unbalanced Growth. Potential Analysis, 2022, 57, 55-82.

211 A noncontractible cell-like compactum whose suspension is contractible. Indagationes Mathematicae,

212 Splitting Obstruction Groups in Codimension 2. Mathematical Notes, 2001, 69, 46-64.

213 On Embeddings of Tori in Euclidean Spaces. Acta Mathematica Sinica, English Series, 2005, 21, 435-438. 3

214 On the pontryagin-steenrod-wu theorem. Israel Journal of Mathematics, 2005, 145, 341-347.
The continuity of the inversion and the structure of maximal subgroups in countably compact
topological semigroups. Acta Mathematica Hungarica, 2009, 124, 201-214.
Hereditary invertible linear surjections and splitting problems for selections. Topology and Its
219 Applications, 2009, 156, 2870-2880.
Hyperspaces of max-plus convex subsets of powers of the real line. Journal of Mathematical Analysis
and Applications, 2012, 394, 481-487.
222 Controlled homotopy equivalences and structure sets of manifolds. Proceedings of the American

Mathematical Society, 2014, 142, 3987-3999. | Productively LindelÃ of spaces and the covering property of Hurewicz. Topology and Its Applications, |
| :--- |
| $2014,169,16-20$. |

Algebraic Systems With Lipschitz Perturbations. Journal of Elliptic and Parabolic Equations, 2015, 1,
225 s-Cobordism Classification of 4-Manifolds Through the Group of Homotopy Self-equivalences. s-Cobordism Classification of 4-Manifolds Through the Group
Mediterranean Journal of Mathematics, 2015, 12, 1107-1121.

[^0]227 Graded PI-exponents of simple Lie superalgebras. Arkiv for Matematik, 2016, 54, 147-156.
Nodal solutions for nonlinear nonhomogeneous Robin problems. Atti Della Accademia Nazionale Dei
231 Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, ..... 0.6 2018, 29, 721-738.3

Some hemivariational inequalities in the Euclidean space. Advances in Nonlinear Analysis, 2019, 9,
958-977.

$$
\begin{aligned}
& 235 \text { Direct limit topologies in the categories of topological groups and of uniform spaces. Tohoku } \\
& \text { Mathematical Journal, 2012, 64,. }
\end{aligned}
$$

Applications of controlled surgery in dimension 4: Examples. Journal of the Mathematical Society of Japan, 2006, 58, .
1.1
$0.4 \quad 3$

On the fundamental group of $\mathrm{R}^{\wedge} 3$ modulo the Chase-Chaberlin continuum. Glasnik Matematicki, 2007,
42, 89-94.
237 42, 89-94. ..... 0.3

3

Nonlinear equations involving the square root of the Laplacian. Discrete and Continuous Dynamical
Systems - Series S, 2019, 12, 151-170.
238 Systems - Series S, 2019, 12, 151-170.1.1
239 Combined effects for non-autonomous singular biharmonic problems. Discrete and Continuous
Dynamical Systems - Series S, 2020, 13, 2057-2068.1.1

240 On structure sets of manifold pairs. Homology, Homotopy and Applications, 2009, 11, 195-222.
$241 \begin{aligned} & \text { Resonant Robin problems driven by the p-Laplacian plus } \\ & \text { Scientiarum Fennicae Mathematica, 2018, 43, 483-508. }\end{aligned}$$0.7 \quad 3$
242 Infinitely many symmetric solutions for anisotropic problems driven by nonhomogeneous operators.Discrete and Continuous Dynamical Systems - Series S, 2019, 12, 401-411.
243 Positive solutions for nonlinear parametric singular Dirichlet problems. Bulletin of Mathematical ..... 0.7
Sciences, 0, , .3
244 A criterion for cellularity in a topological 4-manifold. Proceedings of the American Mathematical Society, 1987, 100, 564-566.
0.8 ..... 3
245 Resolving Acyclic Images of Nonorientable Three-Manifolds. Proceedings of the American
245 Mathematical Society, 1984, 90, 157.0.82
246 An exotic factor of S3 Ã- â,: : Mathematical Proceedings of the Cambridge Philosophical Society, 1990, 107, 329-344. ..... 0.4
1.0 ..... 2247 Peripheral acyclicity and homology manifolds. Annali Di Matematica Pura Ed Applicata, 1997, 172, 5-24.
248 On four-manifolds fibering over surfaces. Tsukuba Journal of Mathematics, 1998, 22, 333.
0.1 ..... 2
249 On embeddability of contractible k-dimensional compacta into R2k. Topology and Its Applications, 2001, 113, 81-85. ..... $0.4 \quad 2$Embedding products of low-dimensional manifolds into Rmâ~†ẫ†Akhmetiev and Skopenkov were supported250 in part by the Russian Fundamental Research Grant No. 99-01-00009. RepovÅ was supported in part bythe Ministry for Science and Technology of the Republic of Slovenia research grant No.Âl-0885-0101-98..Topology and Its Applications, 2001, 113, 7-12.251 On the Relation between the Nonconvexity of a Set and the Nonconvexity of Its É>-Neighborhoods.Mathematical Notes, 2001, 70, 221-232.$0.4 \quad 2$
253 Title is missing!. Mathematical Notes, 2002, 71, 428-431.

254 | On nonacyclicity of the quotient space of R3 byÂtheÂsolenoid. Topology and Its Applications, 2003, 133, |
| :--- |
| 65-68. |

255 On topological properties of the Hartman-Mycielski functor. Proceedings of the Indian Academy of ..... $0.1 \quad 2$ Sciences: Mathematical Sciences, 2005, 115, 477-482.261 PALINDROME PRESENTATIONS OF RATIONAL KNOTS. Journal of Knot Theory and Its Ramifications, 2009,261 18,343-361.
$263 \begin{aligned} & \text { On continuous ch } \\ & 157,1510-1517 .\end{aligned}$
$0.4 \quad 2$

Detecting Hilbert manifolds among isometrically homogeneous metric spaces. Topology and Its
$0.4 \quad 2$
L-fuzzy strongest postcondition predicate transformers as L-idempotent linear or affine operators 267 between semimodules of monotonic predicates. Fuzzy Sets and Systems, 2012, 208, 67-78.On MurayamaÊ1/4s theorem on extensor properties of G-spaces of given orbit types. Topology and Its$2.7 \quad 2$2
271 Universal nowhere dense subsets of locally compact manifolds. Algebraic and Geometric Topology,
$271 \quad 2013,13,3687-3731$.
$0.4 \quad 2$
COARSE CLASSIFICATION OF ABELIAN GROUPS AND AMENABLE SHIFT-HOMOGENEOUS METRIC SPACES.
275 The geometry and fundamental groups of solenoid complements. Journal of Knot Theory and Its ..... 0.3 Ramifications, 2015, 24, 1550069.
ON GEHRINGâ€"MARTINâ€"TAN GROUPS WITH AN ELLIPTIC GENERATOR. Bulletin of the Australian ..... 0.5 Mathematical Society, 2016, 94, 326-336.
277 Identities of graded simple algebras. Linear and Multilinear Algebra, 2017, 65, 44-57. ..... 1.0Pauli gradings on Lie superalgebras and graded codimension growth. Linear Algebra and Its
$0.9 \quad 2$
Applications, 2017, 520, 134-150. 278
279 Non-meager free sets and independent families. Proceedings of the American Mathematical Society, 2017, 145, 4061-4073.
280 New Techniques for Computing Geometric Index. Mediterranean Journal of Mathematics, 2017, $14,1$.0.82
281 The relationship of generalized manifolds to PoincarÃ© duality complexes and topological manifolds. 0.4 ..... 2
282 Parametric nonlinear resonant Robin problems. Mathematische Nachrichten, 2019, 292, 2456-2480.0.82
283 Con Controlled Surgery and \$\$mathbb \{L\}\$\$ L -Homology. Mediterranean Journal of Mathematics, 2019, 16,0.8
Identities on Algebras and Combinatorial Properties of Binary Words. Doklady Mathematics, 2019, 100,0.62
285 On Steenrod ?-homology, generalized manifolds, and surgery. Proceedings of the Edinburgh ..... 0.3 Mathematical Society, 2020, 63, 579-607. ..... 2
Existence Results for Integro-Differential Equations with Reflection. Numerical Functional Analysisand Optimization, 2021, 42, 919-934.
Nonvariational and singular double phase problems for the Baouendi-Grushin operator. Journal of
Differential Equations, 2021, 303, 645-666.2.2
Selections of Maps with Nonclosed Values and Topologically Regular Maps. Rocky Mountain Journal of Mathematics, 1994, 24, .
289 Nodal solutions for the Robin \&|t;;\>p\&|t;;i\>-Laplacian plus an indefinite potential and a general reaction term. Communications on Pure and Applied Analysis, 2018, 17, 231-241. 0.8 ..... 2
290 On \$check\{H\}^n\$-bubbles in n-dimensional compacta. Colloquium Mathematicum, 1998, 75, 39-51. ..... 0.3 ..... 2
291 Existence results for some problems on Riemannian manifolds. Communications in Analysis and 0.4 ..... 2
291 Geometry, 2020, 28, 677-706.
1.6 ..... 2
The behavior of solutions of a parametric weighted \$ (p,q) \$-Laplacian equation. AIMS Mathematics,
292 2021, 7, 499-517.

|  |
| :--- | :--- |

293 Elliptic problem driven by different types of nonlinearities. Boundary Value Problems, 2021, 2021, .
294 On Snake cones, alternating cones and related constructions. Glasnik Matematicki, 2013, 48, 115-135. ..... 0.3 ..... 2
295 Examples and Counterexamples. , 1998, , 115-125. ..... 2
296 On Characterization of Lipschitz Manifolds. , 1999, , 265-277. ..... 2
297 On Nonlinear Biharmonic Problems on the Heisenberg Group. Symmetry, 2022, 14, 705. ..... 2.2 ..... 2
298 Nonlocal p-Kirchhoff equations with singular and critical nonlinearity terms. Asymptotic Analysis, 2022, , 1-19.
2290 Peripheral acyclicity in 3-manifolds. Journal of the Australian Mathematical Society Series A Pure299 Mathematics and Statistics, 1987, 42, 312-321.
0.3
300 Continuity-like properties and continuous selections. Acta Mathematica Hungarica, 1996, 73, 141-154. ..... 0.5 ..... 1
301 Obstructi ..... 0.6 ..... 1
302 A Selection Theorem for Strongly Regular Multivalued Mappings. Set-Valued and Variational Analysis,0.51
303 Spherical fibrations andL-groups. Russian Mathematical Surveys, 1999, 54, 445-447. ..... 0.6 ..... 1
An Extension of the Bolsinov-Fomenko Theorem on Orbital Classification of Integrable Hamiltonian0.4
307 The Method of Approximative Extension of Mappings in the Theory of Extensors. Siberian Mathematical
Journal, 2002, 43, 591-604.

308 On controlled extensions of functions. Journal of Mathematical Analysis and Applications, 2003, 285,309 The complementQE(n) of the point Eucl of Euclidean space in the Banach-Mazur compactumQ(n) is$0.6 \quad 1$
$0.6 \quad 1$aQ-manifold. Russian Mathematical Surveys, 2003, 58, 607-609.
309 aQ-manifold. Russian Mathematical Surveys, 2003, 58, 607-609.
$0.8 \quad 1$
On contractible polyhedra that are not simply contractible. Proceedings of the American
310 Mathematical Society, 2004, 132, 2159-2162.

On uniqueness of Cartesian products of surfaces with boundary. Topology and Its Applications, 2005,
$153,276-283$.
$0.4 \quad 1$

312 n-QUASI-ISOTOPY II: COMPARISON. Journal of Knot Theory and Its Ramifications, 2005, 14, 603-626.
0.31

313 On Basic Embeddings into the Plane. Rocky Mountain Journal of Mathematics, 2006, 36, 1665.
0.4

1

314 Geometric topology of generalized 3-manifolds. Journal of Mathematical Sciences, 2007, 144, 4413-4422

Annals of Mathematics Series B, 2007, 28, 603-608.
0.4

1

316 On continua with homotopically fixed boundary. Topology and Its Applications, 2007, 154, 639-654.
0.4

1

> Hartman-Mycielski functor of non-metrizable compacta. Proceedings of the Indian Academy of
> Sciences: Mathematical Sciences, 2008, 118, 467.
$0.1 \quad 1$

318 Topology and Chaos., 2008, , .
319 Inclusion hyperspaces and capacities on Tychonoff spaces: Functors and monads. Topology and Its
Applications, 2010, 157, 2421-2434.
0.4 ..... 1Two-sided bounds for the volume of right-angled hyperbolic polyhedra. Mathematical Notes, 2011, 89,


Metric projections versus non-positive curvature. Differential Geometry and Its Applications, 2013, 31,

332 On nonlinear SchrÃテdinger equations on the hyperbolic space. Journal of Mathematical Analysis and Applications, 2020, 492, 124516.
333 Superlinear Perturbations of the Eigenvalue Problem for the Robin Laplacian Plus an Indefinite and
333 Unbounded Potential. Results in Mathematics, 2020, 75, 1.
334 M-separable spaces of functions are productive in the Miller model. Annals of Pure and Applied Logic,2020, 171, 102806.
335 The Theory of Formal Languages and Identities of Nonassociative Algebras. Siberian Mathematical Journal, 2020, 61, 255-260.
0.6 ..... 1
Generalized manifolds, normal invariants, and ?-homology. Proceedings of the EdinburghMathematical Society, 0, , 1-16.0.3Constant sign and nodal solutions for parametric anisotropic ( $p, 2$ ) -equations. Applicable Analysis, 0 ,, 1-18.A selection theorem for mappings with nonconvex nondecomposable values in \$L_p\$-spaces.Topological Methods in Nonlinear Analysis, 1996, 8, 407.
On nonlocal Dirichlet problems with oscillating term. Discrete and Continuous Dynamical Systems -
Series S, 2023, 16, 1401-1413.

346 Existence and multiplicity of solutions involving the $\$ p(x)$ \$-Laplacian equations: On the effect of
1.1

1
two nonlocal terms. Discrete and Continuous Dynamical Systems - Series S, 2023, 16, 1452-1467.
1
Series S, 2023, 16, 1401-1413.

> A Criterion for Cellularity in a Topological 4-Manifold. Proceedings of the American Mathematical
> Society, 1987, 100, 564.
0.8

0

On Continuity Properties of the Modulus of Local Contractibility. Journal of Mathematical Analysis
1.0

0

349 A total finite-dimensional selection theorem. Siberian Mathematical Journal, 1998, 39, 835-843.
0.6

0

350 Obstructions for Seifert fibrations and an extension of the Bolsinov-Fomenko theorem on integrable Hamiltonian systems. Russian Mathematical Surveys, 1999, 54, 652-653.
0.60

351 Fine homotopy equivalence and injection. Mathematical Notes, 1999, 65, 770-772.
0.4

0

352 On contractible $\$ n \$$-dimensional compacta, non-embeddable into \$mathbb $\{R\} \wedge\{2 n\} \$$. Proceedings of the American Mathematical Society, 2000, 129, 627-628.
0.8

0

Geometric properties of a spectral sequence in surgery theory. Russian Mathematical Surveys, 2002,
353 , $57,1238-1239$.
57, 1238-1239.
0.6

0

On Strong Approximations of USC Nonconvex-Valued Mappings. Journal of Approximation Theory, 2002, 119, 1-17.
0.8

0

## 355 On Milnor's Invariants of (4 )-Component Links. Mathematical Notes, 2002, 71, 455-463.

0.4

0

On the Euler Characteristic of Multiple Selfintersection Points of Immersed Manifolds. Siberian
0
356 Mathematical Journal, 2003, 44, 208-212.

On calculation of the Witten invariants of 3-manifolds. Journal of the Australian Mathematical Society, 2003, 75, 385-398.
0.4

0

Banach--Mazur Compacta are Aleksandrov Compactifications of Q-manifolds. Mathematical Notes, 2004, 76, 3-9.

361 The Ï€-ï€-theorem for manifold pairs with boundaries. Mathematical Notes, 2007, 81, 356-364.
0.4

0

362 Continuous selections and Ïf-spaces. Topology and Its Applications, 2008, 156, 104-109.
0.4

FrÃ@chetâ€"Urysohn fans in free topological groups. Journal of Pure and Applied Algebra, 2008, 212,
2105-2114.

Embeddability of multiple cones. Topology and Its Applications, 2008, 155, 1201-1206.
0.4

On metric spaces with the properties of de Groot and Nagata in dimension one. Topology and lts
Applications, $2010,157,643-650$.
Applications, 2010, 157, 643-650.

Convex hyperspaces of probability measures and extensors in the asymptotic category. Topology and Its Applications, 2011, 158, 1571-1574.
0.4

367 Chaotic examples in low-dimensional topology. , 2012, , .
0

368 On MincÊ1/4s sheltered middle path. Topology and Its Applications, 2012, 159, 2609-2620.

369 On manifolds with nonhomogeneous factors. Central European Journal of Mathematics, 2012, 10,

On the codimension growth of almost nilpotent Lie algebras. Israel Journal of Mathematics, 2013, 194,

Liftings of normal functors in the category of compacta to categories of topological algebra and
371 analysis. Siberian Mathematical Journal, 2013, 54, 871-882.
0.6
0.8

0

Detecting codimension one manifold factors with the piecewise disjoint arc-disk property and related properties. Open Mathematics, 2013, 11, .

On generalized 3-manifolds which are not homologically locally connected. Topology and Its Applications, 2013, 160, 445-449.

374 Homogeneity groups of ends of open 3-manifolds. Pacific Journal of Mathematics, 2014, 269, 99-112.
0.5

Exponential growth of codimensions of identities of algebras with unity. Sbornik Mathematics, 2015,
206, 1440-1462.

A New Class of Homology and Cohomology 3-Manifolds. Mediterranean Journal of Mathematics, 2016,
13, 1277-1283.
0.8
o

377 On the Alexandroffâ€"Borsuk problem. Topology and Its Applications, 2017, 221, 114-120.
0.4

Preservation of ?-spaces and covering properties of products. Proceedings of the American Mathematical Society, 2019, 147, 4979-4985.
and Logic, 2019, 58, 23-35.

382 Compact Operators and Operators of Monotone Type. Springer Monographs in Mathematics, 2019, ,

384 Partial Order, Fixed Point Theory, Variational Principles. Springer Monographs in Mathematics, 2019, , 263-360.
385 Nonlinear Dirichlet problems with unilateral growth on the reaction. Forum Mathematicum, 2019, 31,
319-340.
0.7

0

386 On a class of Kirchhoff problems via local mountain pass. Asymptotic Analysis, 2021, 126, 1-43.
0.5

0387 Low Perturbations for a Class of Nonuniformly Elliptic Problems. Mediterranean Journal ofMathematics, 2020, 17, 1.
389 On a theorem of Jaworowski on locally equivariant contractible spaces. Proceedings of the American On a theorem of Jaworowski on locally equivari
Mathematical Society, 2002, 130, 1539-1550.0.80
390 List of Open Problems and Questions. , 2002, , 577-597.0
391 Cantor set problems. , 2007, , 675-678. ..... 0
Constructing near-embeddings of codimension one manifolds with countable dense singular sets. 392 Clasnik Matematicki, 2009, 44, 255-258.Nonexistence of linear operators extending Lipschitz (pseudo)metrics. Publicationes Mathematicae,0.2

Difference Equations with Variable Exponents. Monographs and Research Notes in Mathematics, 2015, ,

On degenerate fractional SchrÃๆdingerâ $€$ "Kirchhoffâ $€$ "Poisson equations with upper critical


[^0]:    - Fur

