

Bárány, Imre

Positive bases, cones, Helly-type theorems. (English) [Zbl 07872489](#)

Math. Slovaca 74, No. 3, 717-722 (2024)

MSC: 52A35 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Lassak, Marek

Position of the centroid of a planar convex body. (English) [Zbl 07872201](#)

Aequationes Math. 98, No. 3, 687-695 (2024)

MSC: 52A10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Freeman, Nicolas; Hoehner, Steven; Ledford, Jeff; Pack, David; Walters, Brandon

Surface areas of equifacetal polytopes inscribed in the unit sphere \mathbb{S}^2 . (English) [Zbl 07852624](#)

Involve 17, No. 2, 311-325 (2024)

MSC: 52A40 52A38 52B10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Eitan, Yam

The centered convex body whose marginals have the heaviest tails. (English) [Zbl 07835517](#)

Stud. Math. 274, No. 3, 201-215 (2024)

MSC: 52A40 60E15 52A23

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Bingane, Christian; Mossinghoff, Michael J.

Small polygons with large area. (English) [Zbl 1536.52009](#)

J. Glob. Optim. 88, No. 4, 1035-1050 (2024).

MSC: 52A40 51M20 52A38

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Nikonorov, Yuriĭ Gennadievich; Nikonorova, Ol'ga Yur'evna

Some extremal problems for polygons in the Euclidean plane. (English) [Zbl 07827060](#)

Aequationes Math. 98, No. 2, 603-624 (2024)

MSC: 52A10 52A40 52B60

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Simon, Stéphane; Verovic, Patrick

When is a Minkowski norm strictly sub-convex? (English) [Zbl 1534.52001](#)

J. Convex Anal. 31, No. 1, 139-178 (2024).

MSC: 52A07 52A05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [arXiv](#) [Link](#)

[Lassak, Marek](#)

The Centroid Banach-Mazur distance between the parallelogram and the triangle. (English)

[Zbl 1534.52004](#)

J. Convex Anal. 31, No. 1, 51-58 (2024).

MSC: 52A21 46B20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [arXiv Link](#)

[Bououn, Sameh](#)

The interplay between algebras and lattices: Stone-Weierstrass for illustration. (English)

[Zbl 1532.46001](#)

Positivity 28, No. 1, Paper No. 3, 13 p. (2024).

MSC: 46A40 46B40 46J10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

[Boulabiar, K.;](#) [Bououn, S.](#)

A Stone-Weierstrass-type theorem for truncated vector lattices of functions. (English)

[Zbl 07806067](#)

J. Math. Sci., New York 271, No. 6, Series A, 743-748 (2023)

MSC: 46A40 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

[Bryant, David;](#) [Huber, Katharina T.;](#) [Moulton, Vincent;](#) [Tupper, Paul F.](#)

Diversities and the generalized circumradius. (English) [Zbl 1529.52002](#)

Discrete Comput. Geom. 70, No. 4, 1862-1883 (2023).

MSC: 52A20 52A21

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

[Bolat, Sezer;](#) [Erkurşun-Özcan, Nazife;](#) [Gezer, Niyazi Anıl](#)

On fragments on lattice normed vector lattices. (English) [Zbl 1526.46001](#)

Result. Math. 78, No. 6, Paper No. 245, 13 p. (2023).

MSC: 46A40 46B40 46B99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

[Parini, Enea;](#) [Saracco, Giorgio](#)

Optimization of the anisotropic Cheeger constant with respect to the anisotropy. (English)

[Zbl 1523.49049](#)

Can. Math. Bull. 66, No. 3, 1030-1043 (2023).

MSC: 49Q10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

[Tasoev, B. B.](#)

Embeddings into \mathbb{B} -cyclic Banach spaces. (English. Russian original) [Zbl 1525.46010](#)

Sib. Math. J. 64, No. 4, 996-1000 (2023); translation from Sib. Mat. Zh. 64, No. 4, 127-132 (2023).

MSC: 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Wang, Wei; Tang, Linzeng; Huang, Gang

A characterization of the star duality mapping. (English) [Zbl 1535.52005](#)

Adv. Appl. Math. 149, Article ID 102554, 24 p. (2023).

MSC: 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Castillo, Federico; Liu, Fu

The permuto-associahedron revisited. (English) [Zbl 1518.52005](#)

Eur. J. Comb. 110, Article ID 103706, 30 p. (2023).

MSC: 52B05 52B10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Buskes, Gerard; Thorn, Page

On the Boolean algebra tensor product via Carathéodory spaces of place functions. (English)

[Zbl 1512.46004](#)

Proc. Am. Math. Soc., Ser. B 10, 144-152 (2023).

MSC: 46A40 46M05 06E99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Wang, Weidong; Zhou, Yanping

Some inequalities for the dual p -quermassintegrals. (English) [Zbl 1511.52010](#)

Pure Appl. Math. Q. 19, No. 2, 681-696 (2023).

MSC: 52A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Fang, Jianbo; Yang, Yunlong

Chernoff type inequalities involving k -order width and their stability properties. (English)

[Zbl 1511.52009](#)

Result. Math. 78, No. 3, Paper No. 101, 13 p. (2023).

MSC: 52A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Gönüllü, Uğur; Polat, Faruk; Weber, Martin R.

Cesàro vector lattices and their ideals of finite elements. (English) [Zbl 1512.46005](#)

Positivity 27, No. 2, Paper No. 27, 15 p. (2023).

MSC: 46A40 46B42 47B37

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Ortega-Moreno, Oscar

Iterations of Minkowski valuations. (English) [Zbl 1510.52005](#)

J. Funct. Anal. 284, No. 10, Article ID 109887, 30 p. (2023).

MSC: 52A38 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Ulivelli, Jacopo

Convergence properties of symmetrization processes. (English) [Zbl 1509.52003](#)

Adv. Appl. Math. 146, Article ID 102484, 18 p. (2023).

MSC: 52A20 52A38

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Botelho, Geraldo; Garcia, Luis Alberto

Bidual extensions of Riesz multimorphisms. (English) [Zbl 1507.46014](#)

J. Math. Anal. Appl. 520, No. 1, Article ID 126869, 18 p. (2023).

MSC: 46B42 47B99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Galstyan, Arsen Khachaturovich

About the continuity of one operation with convex compacts in finite-dimensional normed spaces. (About the continuity of an operation with convex compacts in finite-dimensional normed spaces.) (Russian. English summary) [Zbl 1522.52002](#)

Chebyshevskii Sb. 23, No. 5(86), 152-160 (2022).

MSC: 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#) [MNR](#) [Link](#)

Cerreia-Vioglio, Simone; Leonetti, Paolo; Maccheroni, Fabio

A characterization of the vector lattice of measurable functions. (English) [Zbl 1495.46007](#)

Milan J. Math. 90, No. 1, 291-301 (2022).

MSC: 46A40 46B42 28A33

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Zabeti, Omid

The Grothendieck property from an ordered point of view. (English) [Zbl 1493.46034](#)

Positivity 26, No. 1, Paper No. 17, 5 p. (2022).

MSC: 46B42 46B03

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

van Dobben de Bruyn, Josse

Almost all positive continuous linear functionals can be extended. (English) [Zbl 1493.46006](#)

Positivity 26, No. 1, Paper No. 15, 5 p. (2022).

MSC: 46A40 47B65 46A22 47L07 52A21

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Stancu, Alina

Prescribing centro-affine curvature from one convex body to another. (English)

[Zbl 1515.52003](#)

Int. Math. Res. Not. 2022, No. 2, 1016-1044 (2022).

MSC: 52A20 52A99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Kudaybergenov, Karimbergen; Arziev, Allabay

The spectrum of an element in a Banach-Kantorovich algebra over a ring of measurable functions. (English) [Zbl 1485.46052](#)

Adv. Oper. Theory 7, No. 1, Paper No. 10, 15 p. (2022).

MSC: 46H25 46E30 46M20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Kalauch, A.; Kusraeva, Z. A.

Extension and factorization of Riesz n -morphisms on pre-Riesz spaces. (English)

[Zbl 1484.46023](#)

J. Math. Anal. Appl. 507, No. 2, Article ID 125767, 13 p. (2022).

MSC: 46B42 47B65 46G25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Azouzi, Youssef; Nasri, Youssef

The sup-completion of a Dedekind complete vector lattice. (English) [Zbl 1478.46005](#)

J. Math. Anal. Appl. 506, No. 2, Article ID 125651, 20 p. (2022).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Ansari, Qamrul Hasan; Babu, Feeroz; Zeeshan, Mohd.

Incremental quasi-subgradient method for minimizing sum of geodesic quasi-convex functions on Riemannian manifolds with applications. (English) [Zbl 1489.90109](#)

Numer. Funct. Anal. Optim. 42, No. 13, Part 1, 1492-1521 (2021).

MSC: 90C25 49J27 53C22 65K05 65K10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Fruchard, Augustin; Yuan, Liping; Zamfirescu, Tudor

Generous sets. (English) [Zbl 1515.52002](#)

J. Convex Anal. 28, No. 4, 1265-1280 (2021).

MSC: 52A10 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Wang, Bo; Yuan, Liping; Zamfirescu, Tudor

Poidge-convexity. (English) [Zbl 1515.52001](#)

J. Convex Anal. 28, No. 4, 1155-1170 (2021).

MSC: 52A01 52A37

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Kusraeva, Z. A.

Regularity of continuous multilinear operators and homogeneous polynomials. (English.

Russian original) [Zbl 1487.46048](#)

Math. Notes 110, No. 5, 718-725 (2021); translation from Mat. Zametki 110, No. 5, 726-735 (2021).

MSC: 46G25 47B65 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Zabeti, Omid

The Banach-Saks property from a locally solid vector lattice point of view. (English)

[Zbl 1489.46008](#)

Positivity 25, No. 4, 1579-1583 (2021).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Lupini, Martino

Fraïssé theory and the Poulsen simplex. (English) [Zbl 1484.46012](#)

Contrib. Discrete Math. 16, No. 2, 23-35 (2021).

MSC: 46A55 46L07 03C30

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Kalauch, Anke; van Gaans, Onno

Multiplicative representation of real-valued bi-Riesz homomorphisms on partially ordered vector spaces. (English) [Zbl 07402430](#)

Kikianty, Eder (ed.) et al., Positivity and its applications. Proceedings from the conference Positivity X, Pretoria, South Africa, July 8–12, 2019. Cham: Birkhäuser. Trends Math., 203-215 (2021)

MSC: 47B60 47B65 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Arora, Shane; Browne, Hazel; Daners, Daniel

An alternative approach to Fréchet derivatives. (English) [Zbl 1476.46049](#)

J. Aust. Math. Soc. 111, No. 2, 202-220 (2021).

MSC: 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Krasikova, I.; Pliev, M.; Popov, M.

Measurable Riesz spaces. (English) [Zbl 1478.46006](#)

Carpathian Math. Publ. 13, No. 1, 81-88 (2021).

MSC: 46A40 06E05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Wang, Zhangjun; Chen, Zili; Chen, Jinxi

Continuous functionals for unbounded convergence in Banach lattices. (English)

[Zbl 1471.46017](#)

Arch. Math. 117, No. 3, 305-313 (2021).

MSC: 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Basaeva, Elena; Kulaev, Ruslan; Pliev, Marat

On orthogonally additive operators in Köthe-Bochner spaces. (English) [Zbl 1520.47099](#)

Result. Math. 76, No. 1, Paper No. 20, 14 p. (2021).

MSC: 47H30 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Kalauch, Anke; Malinowski, Helena

Projection bands and atoms in pervasive pre-Riesz spaces. (English) [Zbl 1471.46003](#)

Positivity 25, No. 1, 177-203 (2021).

MSC: 46A40 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Kusraeva, Zalina

Sums of disjointness preserving multilinear operators. (English) [Zbl 1466.46037](#)

Positivity 25, No. 2, 669-678 (2021).

MSC: 46G25 46A40 46M05 47B65

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Chávez-Domínguez, Javier Alejandro

Ando-Choi-Effros liftings for regular maps between Banach lattices. (English) [Zbl 1465.46021](#)

Positivity 25, No. 2, 559-578 (2021).

MSC: 46B42 46A22

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Aydın, Abdullah; Korkmaz, Erdal

Introduce Gâteaux and Fréchet derivatives in Riesz spaces. (English) [Zbl 1456.46040](#)

Appl. Appl. Math. 15, No. 2, 978-984 (2020).

MSC: 46G05 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Kusraev, Anatoly G.

Concrete representation of injective Banach lattices. (English) [Zbl 1458.46010](#)

Math. Methods Appl. Sci. 43, No. 16, 9499-9508 (2020).

MSC: 46B04 46B42 46B40 46-02

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Kusraev, A. G.

The extremal structure of convex sets of multilinear operators. (English. Russian original)

[Zbl 1452.46006](#)

Sib. Math. J. 61, No. 5, 830-843 (2020); translation from Sib. Mat. Zh. 61, No. 5, 1041-1059 (2020).

MSC: 46A55 46A40 46G25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Boulabiar, Karim; Hajji, Rawaa

Representation of strongly truncated Riesz spaces. (English) [Zbl 1452.46002](#)

Indag. Math., New Ser. 31, No. 5, 741-757 (2020).

MSC: 46A40 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Boulabiar, Karim; Hafsi, Hamza

Lattice norms on the unitization of a truncated normed Riesz space. (English) [Zbl 1458.46004](#)

Positivity 24, No. 4, 1151-1167 (2020).

MSC: 46A40 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Abasov, Nariman

Completely additive and C -compact operators in lattice-normed spaces. (English)

[Zbl 1501.47097](#)

Ann. Funct. Anal. 11, No. 4, 914-928 (2020).

MSC: 47H30 47H07 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Walsh, Cormac

Order antimorphisms of finite-dimensional cones. (English) [Zbl 1447.46003](#)

Sel. Math., New Ser. 26, No. 4, Paper No. 53, 15 p. (2020).

MSC: 46A40 52A20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [HAL](#)

Ilina, K. Yu.; Kusraeva, Z. A.

Extension of positive operators. (English. Russian original) [Zbl 1445.47031](#)

Sib. Math. J. 61, No. 2, 261-265 (2020); translation from Sib. Mat. Zh. 61, No. 2, 330-336 (2020).

MSC: 47B65 46A40 46E05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Bair, Jacques; Błaszczak, Piotr; Heinig, Peter; Kanovei, Vladimir; Katz, Mikhail G.; McGaffey, Thomas

Cauchy's work on integral geometry, centers of curvature, and other applications of infinitesimals. (English) [Zbl 1442.01010](#)

Real Anal. Exch. 45, No. 1, 127-150 (2020).

MSC: 01A55 26-03

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#) [Euclid](#)

Mushambi, Nyasha; Watson, Bruce A.; Zinsou, Bertin

Generalization of the theorems of Barndorff-Nielsen and Balakrishnan-Stepanov to Riesz spaces. (English) [Zbl 1445.46004](#)

Positivity 24, No. 3, 753-760 (2020).

MSC: 46A40 60F15

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Li, Hui; Chen, Zili

Some results on unbounded absolute weak Dunford-Pettis operators. (English)

[Zbl 1447.47037](#)

Positivity 24, No. 1, 197-206 (2020).

MSC: 47B60 47B65 47B07 46B42 54A20 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Eziokwu, C. Emmanuel

On analysis of the Fréchet derivatives. (English) [Zbl 1462.46051](#)

J. Ramanujan Soc. Math. Math. Sci. 7, No. 1, 65-84 (2019).

MSC: 46G05 26E15 46-01

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Aydın, A.; Emelyanov, E.; Erkuşun-Özcan, N.; Marabeh, M.

Unbounded p -convergence in lattice-normed vector lattices. (English) [Zbl 1444.46004](#)

Sib. Adv. Math. 29, No. 3, 164-182 (2019).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Boccutto, Antonio

Hahn-Banach-type theorems and applications to optimization for partially ordered vector space-valued invariant operators. (English) [Zbl 1444.46003](#)

Real Anal. Exch. 44, No. 2, 333-368 (2019).

MSC: 46A22 46A40 46N10 47N10 28B15

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [Euclid](#)

Gutman, A. E.

Boolean-valued universe as an algebraic system. I: Basic principles. (English. Russian original)

Zbl 1442.03019

Sib. Math. J. 60, No. 5, 810-827 (2019); translation from Sib. Mat. Zh. 60, No. 5, 1041-1062 (2019).

MSC: 03C90 03E40 03E35

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Leśniewski, Krzysztof

On directional derivatives for cone-convex functions. (English) Zbl 1434.46013

Topol. Methods Nonlinear Anal. 53, No. 2, 683-695 (2019).

MSC: 46B40 46B03 46G05 49J52

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv Euclid

Elliott, Michael

The Riesz-Kantorovich formulae. (English) Zbl 1427.46015

Positivity 23, No. 5, 1245-1259 (2019).

MSC: 46B42 47B60 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Kalauch, Anke; Malinowski, Helena

Vector lattice covers of ideals and bands in pre-Riesz spaces. (English) Zbl 1429.46002

Quaest. Math. 42, No. 7, 919-937 (2019).

MSC: 46A40 06F20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Bottazzi, E.; Kanovei, V.; Katz, M.; Mormann, T.; Sherry, D.

On mathematical realism and applicability of hyperreals. (English) Zbl 1436.00032

Mat. Stud. 51, No. 2, 200-224 (2019).

MSC: 00A30 03H05 03A05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Kandić, M.; Vavpetič, A.

Topological aspects of order in $C(X)$. (English) Zbl 1427.46018

Positivity 23, No. 3, 617-635 (2019).

MSC: 46E05 46B42 46E25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Retbi, Abderrahman

A complement of positive weak almost Dunford-Pettis operators on Banach lattices. (English) Zbl 1463.47121

Arch. Math., Brno 55, No. 1, 1-6 (2019).

MSC: 47B65 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Kalauch, A.; Malinowski, H.

Pervasive and weakly pervasive pre-Riesz spaces. (English) Zbl 1421.46003

Indag. Math., New Ser. 30, No. 2, 375-385 (2019).

MSC: 46A40 06F20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Kusraev, A. G.; Kusraeva, Z. A.

Sums of order bounded disjointness preserving linear operators. (English. Russian original)

Zbl 1437.47018

Sib. Math. J. 60, No. 1, 114-123 (2019); translation from Sib. Mat. Zh. 60, No. 1, 148-161 (2019).

MSC: 47B65 46A40 47A65

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Feldman, William

A factorization for orthogonally additive operators on Banach lattices. (English)

Zbl 1419.46016

J. Math. Anal. Appl. 472, No. 1, 238-245 (2019).

MSC: 46B42 47B60

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Azouzi, Youssef

Completeness for vector lattices. (English) Zbl 1421.46002

J. Math. Anal. Appl. 472, No. 1, 216-230 (2019).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Rozenblum, G. V.

On the mathematical work of Mikhail Zakharovich Solomyak. (English. Russian original)

Zbl 1436.47001

St. Petersburg Math. J. 30, No. 3, 391-410 (2019); translation from Algebra Anal. 30, No. 3, 3-29 (2018).

MSC: 47-03 35-03 01A70 35P20 35P15 47F05 47B25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Kusraev, Anatoly G.; Kusraeva, Zalina A.

Monomial decomposition of homogeneous polynomials in vector lattices. (English)

Zbl 1440.46042

Adv. Oper. Theory 4, No. 2, 428-446 (2019).

MSC: 46G25 47H60 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI Euclid Link

Moazzen, Alireza; Gordji, Madjid Eshaghi; Raeisi, Hamidreza

On functionally convex sets and functionally closed sets in real Banach spaces. (English)

Zbl 1395.46006

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MSC: 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

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***um*-topology in multi-normed vector lattices.** (English) Zbl 1398.46005

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MSC: 46A40 46B42

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Full Text: DOI arXiv

van Imhoff, Hendrik

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Zbl 1398.46006

Positivity 22, No. 2, 425-447 (2018).

MSC: 46A40 47B60

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MSC: 47B65 47B07

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MSC: 46B40 46B42 47B60

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Full Text: DOI

Bachir, Mohammed

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Zbl 1395.46005

Ill. J. Math. 61, No. 1-2, 1-24 (2017); corrected reprint ibid. 62, No. 1-4, 1-24 (2018).

MSC: 46A55 52A07 46N10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: arXiv Euclid

García-Lirola, Luis Carlos; Orihuela, José; Raja, Matías

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Zbl 1392.46006

J. Convex Anal. 24, No. 3, 987-998 (2017).

MSC: 46A55 52A07

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MSC: 52A07 46A55

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van der Walt, Jan Harm

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Zbl 1386.46038

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MSC: 46E40 46E05 46A40

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Full Text: DOI

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Zbl 1379.46011

Topology Appl. 221, 133-143 (2017).

MSC: 46A55

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Full Text: DOI

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MSC: 47B60 47B65 47B37 47B38 46B42

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MSC: 14P10 47L25 90C22 46B25 81P47 15A22 15B48

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MSC: 52A21 32A70 46B20 46C15 46C50 51M05 51M25

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MSC: 46N10

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J. Inequal. Appl. 2017, Paper No. 7, 19 p. (2017).

MSC: 46G05 46N10 90C99

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Full Text: DOI

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MSC: 46A40 46B42 46-02

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MSC: 46N10 52A41 49J52

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Full Text: Link

Casazza, Peter G.; Lynch, Richard G.

A brief introduction to Hilbert space frame theory and its applications. (English)

Zbl 1356.42020

Okoudjou, Kasso A. (ed.), Finite frame theory. A complete introduction to overcompleteness. AMS short course, San Antonio, TX, USA, January 8–9, 2015. Lecture notes. Providence, RI: American Mathematical Society (AMS) (ISBN 978-1-4704-2019-2/hbk; 978-1-4704-3212-6/ebook). Proceedings of Symposia in Applied Mathematics 73, 1-51 (2016).

MSC: 42C15 46C05

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MSC: 46G05 46T20

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Full Text: [DOI](#)

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Calculus rules for V -proximal subdifferentials in smooth Banach spaces. (English)

Zbl 1348.49012

J. Funct. Spaces 2016, Article ID 1917387, 12 p. (2016).

MSC: 49J52 49J53 49J40 49K27

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Full Text: [DOI](#)

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MSC: 46S20 46A40

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Full Text: [DOI Link](#)

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Complex structures on real vector lattices. (English) Zbl 1347.46002

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MSC: 46A40 47B60

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Full Text: [DOI](#)

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MSC: 46B20 46G05 52A41

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Zbl 1333.52001

J. Math. Anal. Appl. 435, No. 1, 440-460 (2016).

MSC: 52A01 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

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Approximately derivative in a vector lattice. (English) Zbl 1353.46030

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MSC: 46G05 26E20 46A40

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Messerschmidt, Miek

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MSC: 46A40 46A20

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Full Text: [DOI](#) [arXiv](#)

Zajíček, Luděk

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MSC: 46G05 49J50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [arXiv](#) [Link](#)

Zajíček, Luděk**Hadamard differentiability via Gâteaux differentiability.** (English) [Zbl 1316.46039](#)

Proc. Am. Math. Soc. 143, No. 1, 279-288 (2015).

MSC: 46G05 49J50

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Full Text: [DOI](#) [arXiv](#)**Deville, Robert; Ivanov, Milen; Lajara, Sebastián****Construction of pathological Gâteaux differentiable functions.** (English) [Zbl 1314.46056](#)

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MSC: 46G05 46B25 49J50

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Full Text: [DOI](#)**Chilin, V. I.; Yusupova, M. M.****Lattice normed lattices with monotonically complete and order semicontinuous norm.**(Russian. English summary) [Zbl 1351.46006](#)

Dal'nevost. Mat. Zh. 14, No. 2, 280-296 (2014).

MSC: 46A40

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Full Text: [MNR](#)**Jourani, Abderrahim; Zakaryan, Taron****The validity of the “lim inf” formula and a characterization of Asplund spaces.** (English)[Zbl 1336.49019](#)

J. Math. Anal. Appl. 416, No. 2, 824-838 (2014).

MSC: 49J52 46G05 46B20 46A17 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)**Schneider, Rolf****Affine surface area and convex bodies of elliptic type.** (English) [Zbl 1340.52003](#)

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MSC: 52A10 53A15 52A20 52A38

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Full Text: [DOI](#)**Grzybowski, Jerzy; Küçük, Mahide; Küçük, Yalçın; Urbański, Ryszard****Minkowski-Rådström-Hörmander cone.** (English) [Zbl 1318.52010](#)

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MSC: 46A40 47B60

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Full Text: [DOI](#)

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C. R., Math., Acad. Sci. Paris 352, No. 10, 785-789 (2014); corrigendum ibid. 352, No. 12, 991 (2014).
MSC: 46A40 Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Zajíček, Luděk

Gâteaux and Hadamard differentiability via directional differentiability. (English)
[Zbl 1311.46044](#)

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MSC: 46G05 49J50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [arXiv Link](#)

Wickstead, A. W.

Polynomial functions and the Riesz interpolation property. (English) [Zbl 1305.46003](#)
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MSC: 46A40 06F20

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Potapov, Denis; Sukochev, Fedor

Fréchet differentiability of S^p norms. (English) [Zbl 1311.46043](#)
Adv. Math. 262, 436-475 (2014).

MSC: 46G05 47B10 46B28

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Full Text: DOI [arXiv](#)

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Metric differentiability of Lipschitz maps. (English) [Zbl 1295.26006](#)
J. Aust. Math. Soc. 96, No. 1, 25-35 (2014).

MSC: 26A24 28B99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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Order-optimization problems and ordered variational inequalities on Banach lattices. (English) [Zbl 1301.46005](#)

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MSC: 46B42 90C48

Reviewer: S. S. Kutateladze (Novosibirsk)

De Bernardi, Carlo Alberto

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[Zbl 1287.46009](#)

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MSC: 46A55 52A05

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Full Text: DOI

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Non-compact versions of Edwards' theorem. (English) [Zbl 1282.46004](#)
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MSC: 46A20 47B65 46A55

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI [arXiv](#)

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Normal cones and continuity of vector-valued convex functions. (English) [Zbl 1274.46050](#)

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MSC: 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Vodová, Jirina

Chain rule for conic derivatives. (English) [Zbl 1291.46039](#)

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MSC: 46G05 58C20 54A20 49J52

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Characterizations of pointwise additivity of subdifferential. (English) [Zbl 1272.46037](#)

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MSC: 46G05 49J52 52A41

Reviewer: S. S. Kutateladze (Novosibirsk)

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Generalized sequential normal compactness in Banach spaces. (English) [Zbl 1262.49022](#)

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MSC: 49J53 49J27

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Introduction into calculus over division ring. (English) [Zbl 1302.26002](#)

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MSC: 26A24 11R52 49J50 26E99

Reviewer: S. S. Kutateladze (Novosibirsk)

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MSC: 46G05 49J52

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Full Text: [arXiv](#) [Euclid](#)

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Continuous convex MS-differentiable function need not be HL-differentiable. (English. Russian original) [Zbl 1290.46032](#)

Math. Notes 91, No. 2, 153-160 (2012); translation from Mat. Zametki 91, No. 2, 163-171 (2012).

MSC: 46G05

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Sobolev regularity for the infinite-dimensional Monge-Ampère equation. (English. Russian original) [Zbl 1261.46038](#)

Dokl. Math. 85, No. 3, 331-335 (2012); translation from Dokl. Akad. Nauk, Ross. Akad. Nauk 444, No. 2, 131-136 (2012).

MSC: 46G12 60B11

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Seeger, Alberto

Epigraphical cones. II. (English) [Zbl 1239.46011](#)

J. Convex Anal. 19, No. 1, 1-21 (2012).

MSC: 46B10 52A41

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Full Text: [Link](#)

Dolgopolik, M. V.

Codifferential calculus in normed spaces. (English. Russian original) [Zbl 1290.46033](#)

J. Math. Sci., New York 173, No. 5, 441-462 (2011); translation from Probl. Mat. Anal. 54, 3-22 (2011).

MSC: 46G05 46N99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Zang, Rui; Xiang, Wei; Cao, Lian Ying

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MSC: 46G05 46A55 90C30 49J52

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Epigraphical cones. I. (English) [Zbl 1239.46010](#)

J. Convex Anal. 18, No. 4, 1171-1196 (2011).

MSC: 46B10 52A41

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Full Text: [Link](#)

Linke, Yu. É.

Universal spaces of subdifferentials of sublinear operators ranging in the cone of bounded lower semicontinuous functions. (English. Russian original) [Zbl 1237.46029](#)

Math. Notes 89, No. 4, 519-527 (2011); translation from Mat. Zametki 89, No. 4, 547-557 (2011).

MSC: 46G05 47H99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Uniqueness of Cartesian products of compact convex sets. (English) [Zbl 1236.46009](#)

Bull. Pol. Acad. Sci., Math. 59, No. 2, 175-183 (2011).

MSC: 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [Link](#)

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A “hidden” characterization of polyhedral convex sets. (English) [Zbl 1235.46011](#)

Stud. Math. 206, No. 1, 63-74 (2011).

MSC: 46A55 52A07

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Full Text: [DOI](#) [arXiv](#)

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Description of weakly additive order-preserving functionals on the plane. (Russian. English summary) [Zbl 1225.46023](#)

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MSC: 46E30

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Full Text: [EuDML](#) [Link](#)

Herzog, Gerd; Schmoeger, Christoph

Suprema of chains of operators. (English) [Zbl 1223.46017](#)

Positivity 15, No. 2, 343-349 (2011).

MSC: 46B40 47B60 46B28

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Full Text: [DOI](#)

Tradacete, Pedro

c_0 -singular and ℓ_1 -singular operators between vector-valued Banach lattices. (English)

[Zbl 1226.47003](#)

Positivity 15, No. 2, 241-251 (2011).

MSC: 47A05 46S99

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Full Text: [DOI](#)

Arandelović, Ivan D.; Kečkić, Dragoljub J.

On nonlinear quasi-contractions on TVS-cone metric spaces. (English) [Zbl 1218.54028](#)

Appl. Math. Lett. 24, No. 7, 1209-1213 (2011).

MSC: 54H25 54E40

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Full Text: [DOI](#)

Simić, Suzana

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(English) [Zbl 1218.54050](#)

Appl. Math. Lett. 24, No. 6, 999-1002 (2011).

MSC: 54H25 54E40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Henrion, René; Seeger, Alberto

Inradius and circumradius of various convex cones arising in applications. (English)

[Zbl 1217.46047](#)

Set-Valued Var. Anal. 18, No. 3-4, 483-511 (2010).

MSC: 46N10 46B10 52A41

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Ioffe, A.

Typical convexity (concavity) of Dini-Hadamard upper (lower) directional derivatives of functions on separable Banach spaces. (English) [Zbl 1208.46043](#)

J. Convex Anal. 17, No. 3-4, 1019-1032 (2010).

MSC: 46G05 49J50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Guo, Tiexin

Relations between some basic results derived from two kinds of topologies for a random locally convex module. (English) [Zbl 1198.46058](#)

J. Funct. Anal. 258, No. 9, 3024-3047 (2010).

MSC: 46S50 46H25 46A22

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Full Text: [DOI](#) [arXiv](#)

Accardi, L.; Smolyanov, O. G.

Generalized Lévy Laplacians and Cesàro means. (English. Russian original) [Zbl 1261.46034](#)
Dokl. Math. 79, No. 1, 90-93 (2009); translation from Dokl. Akad. Nauk, Ross. Akad. Nauk 424, No. 5, 583-587 (2009).

MSC: 46G05 60H40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Martini, H.; Spirova, M.

On the circular hull property in normed planes. (English) [Zbl 1212.46032](#)

Acta Math. Hung. 125, No. 3, 275-285 (2009).

MSC: 46B20 52A10 52A21

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Aqzzouz, Belmesnaoui; Elbour, Aziz; Hmichane, Jawad

The duality problem for the class of b-weakly compact operators. (English) [Zbl 1191.47024](#)

Positivity 13, No. 4, 683-692 (2009).

MSC: 47B07 46A40 46B40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Roth, Walter

Locally convex lattice cones. (English) [Zbl 1179.46003](#)

J. Convex Anal. 16, No. 1, 1-31 (2009).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Filipović, Damir; Kupper, Michael; Vogelth, Nicolas

Separation and duality in locally L^0 -convex modules. (English) [Zbl 1180.46055](#)

J. Funct. Anal. 256, No. 12, 3996-4029 (2009).

MSC: 46N10 46N20 46H25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Boț, Radu Ioan; Csetnek, Ernő Robert

Enlargements of positive sets. (English) [Zbl 1177.46053](#)

J. Math. Anal. Appl. 356, No. 1, 328-337 (2009).

MSC: 46N10 47H07

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Full Text: [DOI](#) [arXiv](#)

Ashley, Mary; Berger-Wolf, Tanya; Berman, Piotr; Chaovalitwongse, Wanpracha; Dasgupta, Bhaskar; Kao, Ming-Yang

On approximating four covering and packing problems. (English) [Zbl 1169.90017](#)

J. Comput. Syst. Sci. 75, No. 5, 287-302 (2009).

MSC: 90C27 90C90

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Full Text: [DOI](#) [arXiv](#)

Alpay, Şafak; Ercan, Zafer

Characterizations of Riesz spaces with b -property. (English) [Zbl 1167.46001](#)

Positivity 13, No. 1, 21-30 (2009).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Mohebi, H.; Naraghirad, E.

Distance from a point to a downward set in a Banach lattice. (English) [Zbl 1176.46025](#)

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MSC: 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Foulis, David J.; Pulmannová, Sylvia

Spectral resolution in an order-unit space. (English) [Zbl 1171.46018](#)

Rep. Math. Phys. 62, No. 3, 323-344 (2008).

MSC: 46B40 81Q10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Khurana, Surjit Singh

Lebesgue topology on $L^\infty(X, E')$. (English) [Zbl 1167.46305](#)

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MSC: 46A40 46A50

Reviewer: S. S. Kutateladze (Novosibirsk)

Samborski, S. N.

Parseval-type identities in analysis on idempotent structures. (English. Russian original)

[Zbl 1161.46002](#)

Dokl. Math. 77, No. 1, 137-139 (2008); translation from Dokl. Akad. Nauk, Ross. Akad. Nauk 418, No. 6, 745-748 (2008).

MSC: 46A19 46C99

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Spurný, Jiří

Complementability of spaces of harmonic functions. (English) [Zbl 1159.46013](#)

Potential Anal. 29, No. 3, 271-302 (2008).

MSC: 46B20 46E15

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Cima, Joseph A.

On the inverse of an analytic mapping. (English) [Zbl 1166.46020](#)

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MSC: 46G20 32A70

Reviewer: S. S. Kutateladze (Novosibirsk)

Bačák, Miroslav; Spurný, Jiří

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[Zbl 1159.46005](#)

Bull. Belg. Math. Soc. - Simon Stevin 15, No. 3, 465-472 (2008).

MSC: 46A55 46B03 46B25

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Euclid](#)

Kimura, Kenji; Yao, Jen-Chih

Sensitivity analysis of vector equilibrium problems. (English) [Zbl 1159.49025](#)

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MSC: 49J53 90C31

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Duda, Jakub

On Gâteaux differentiability of pointwise Lipschitz mappings. (English) [Zbl 1152.46030](#)

Can. Math. Bull. 51, No. 2, 205-216 (2008).

MSC: 46G05 49J50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Iusem, A.; Seeger, A.

Normality and modulability indices. II: Convex cones in Hilbert spaces. (English)

[Zbl 1141.46005](#)

J. Math. Anal. Appl. 338, No. 1, 392-406 (2008).

MSC: 46A40 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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[Zbl 1141.46004](#)

J. Math. Anal. Appl. 338, No. 1, 365-391 (2008).

MSC: 46A40 46A55 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Monterde, Ignacio; Montesinos, Vicente

Drop property on locally convex spaces. (English) [Zbl 1144.46006](#)

Stud. Math. 185, No. 2, 143-149 (2008).

MSC: 46A55 46A50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Bogachev, V. I.; Priola, E.; Tolmachev, N. A.

On Fréchet differentiability of Lipschitzian functions on spaces with Gaussian measures.

(English. Russian original) [Zbl 1165.46020](#)

Dokl. Math. 75, No. 3, 353-357 (2007); translation from Dokl. Akad. Nauk, Ross. Akad. Nauk 414, No. 2, 151-155 (2007).

MSC: 46G05 28C20 46G12

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Ivanov, G. E.

A criterion of smooth generating sets. (English. Russian original) [Zbl 1154.26014](#)

Sb. Math. 198, No. 3, 343-368 (2007); translation from Mat. Sb. 198, No. 3, 51-76 (2007).

MSC: 26A51

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Qiu, Jing Hui

Strong Minkowski separation and co-drop property. (English) [Zbl 1144.46007](#)

Acta Math. Sin., Engl. Ser. 23, No. 12, 2295-2302 (2007).

MSC: 46A55 46A03

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Timofte, Vlad

Representation of a class of locally convex (M) -lattices. (English) [Zbl 1134.46003](#)

Indag. Math., New Ser. 18, No. 3, 455-469 (2007).

MSC: 46A40 46E05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

de Deus Marques, João

On a generalization of the Hahn-Banach theorem. (English) [Zbl 1135.46002](#)

Int. J. Pure Appl. Math. 36, No. 4, 427-442 (2007).

MSC: 46A22 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Mokni, Hichem

Positive functionals on some spaces of fractions. (English) [Zbl 1127.46027](#)

Positivity 11, No. 3, 417-432 (2007).

MSC: 46E99 46M40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Altomare, Francesco; Cappelletti Montano, Mirella

On some density theorems in regular vector lattices of continuous functions. (English)

[Zbl 1127.46018](#)

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MSC: 46E05 46E10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Aliprantis, Charalambos D.; Tourky, Rabee

Cones and duality. (English) [Zbl 1127.46002](#)

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Chen, Zi Li; Wickstead, A. W.

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MSC: 46B42 47B07 47B60

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Uyar, Ayşe

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[Zbl 1120.47030](#)

Positivity 11, No. 1, 119-121 (2007).

MSC: 47B60

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Koldunov, Andrew V.; Veksler, Alexander I.

On the structure of the completion of a normed lattice. (English) [Zbl 1123.46016](#)

Positivity 11, No. 1, 123-141 (2007).

MSC: 46B42 46E05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Avakov, E. R.; Arutyunov, A. V.; Izmailov, A. F.

Directional metric regularity of mappings and stability theorems. (English. Russian original)

Zbl 1141.49015

Dokl. Math. 74, No. 1, 473-476 (2006); translation from Dokl. Akad. Nauk., Ross. Akad. Nauk. 409, No. 1, 7-11 (2006).

MSC: 49J52 46T20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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There are many totally convex functions. (English) Zbl 1119.46055

J. Convex Anal. 13, No. 3-4, 623-632 (2006).

MSC: 46N10 52A41 54E50

Reviewer: S. S. Kutateladze (Novosibirsk)

Ercan, Zafer; Önal, Süleyma

Some observations on Riesz algebras. (English) Zbl 1114.46037

Positivity 10, No. 4, 731-736 (2006).

MSC: 46J10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Aqzzouz, Belmesnaoui; Nouria, Redouane

On the converse of Aliprantis and Burkinshaw's theorem. (English) Zbl 1114.46005

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MSC: 46A40 46B40 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Ercan, Z.; Önal, S.

The relation between $CD_w(X)$ -space and Whyburn unified space. (English) Zbl 1114.46018

Math. Nachr. 279, No. 15, 1664-1668 (2006).

MSC: 46E05 47B65

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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Zbl 1114.46006

Bull. Pol. Acad. Sci., Math. 54, No. 1, 53-62 (2006).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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Positivity 10, No. 3, 573-589 (2006).

MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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The Dedekind σ -completion of a Riesz space. (English) Zbl 1109.46007

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MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Chen, Z. L.; Weber, M. R.

On finite elements in vector lattices and Banach lattices. (English) [Zbl 1100.46002](#)

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MSC: 46A40 46B42

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Spurný, Jiří; Kalenda, Ondřej F. K.

A solution of the abstract Dirichlet problem for Baire-one functions. (English) [Zbl 1098.46007](#)

J. Funct. Anal. 232, No. 2, 259-294 (2006).

MSC: 46A55 26A21

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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On second-order derivatives of convex functions on infinite-dimensional spaces with measures. (English. Russian original) [Zbl 1132.46032](#)

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MSC: 46G05 46T20

Reviewer: S. S. Kutateladze (Novosibirsk)

Schep, Anton R.

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MSC: 46E30

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Sirotkin, Gleb

[Abramovich, Yuri]

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Positivity 9, No. 3, 287-292 (2005).

MSC: 46A40 47B60

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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On normed lattices and their Banach completions. (English) [Zbl 1112.46018](#)

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MSC: 46B42 46E15

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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[Zbl 1124.90048](#)

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MSC: 90C48 52A01

Reviewer: S. S. Kutateladze (Novosibirsk)

Roth, Walter

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[Zbl 1110.46006](#)

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MSC: 46A99

Reviewer: S. S. Kutateladze (Novosibirsk)

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A one-sided version of Alexiewicz–Orlicz’s differentiability theorem. (English) [Zbl 1112.46036](#)

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MSC: 46G05 26A24 26E15 49J50 58C20

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Simons, S.

Hahn–Banach theorems and maximal monotonicity. (English) [Zbl 1105.46004](#)

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(English) [Zbl 1110.26021](#)

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MSC: 26E10 26E20 46A99

Reviewer: S. S. Kutateladze (Novosibirsk)

Bayoumi, Aboubakr

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Bull. Soc. Sci. Lett. Łódź 55, Sér. Rech. Déform. 47, 27-35 (2005).

MSC: 46G20

Reviewer: S. S. Kutateladze (Novosibirsk)

Rokhlin, D. B.

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MSC: 46E30 46A22 46N10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#) [EuDML](#)

Tsitsiashvili, G. Sh.; Osipova, M. A.

Cooperative effects in stochastic models. (Кооперативные эффекты в стохастических моделях.) (Russian) [Zbl 1119.90012](#)

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MSC: 90B22 90-02 60K25 68M20 91B30

Reviewer: S. S. Kutateladze (Novosibirsk)

Komuro, Naoto

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MSC: 46A55 90C25 52A07

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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MSC: 52A41 26B25 90C25

Reviewer: S. S. Kutateladze (Novosibirsk)

Qiu, Jing-Hui

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MSC: 46A55

Reviewer: S. S. Kutateladze (Novosibirsk)

Spurný, Jiří

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Bull. Aust. Math. Soc. 71, No. 2, 235-258 (2005).

MSC: 46A55 26A21

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Lyubich, Yu. I.; Shatalova, O. A.

Polynomial functions on the classical projective spaces. (English) [Zbl 1081.46012](#)

Stud. Math. 170, No. 1, 77-87 (2005).

MSC: 46B04 46B20 33C55 51M30

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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(English) [Zbl 1073.46035](#)

Isr. J. Math. 145, 257-269 (2005).

MSC: 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Bayoumi, Aboubakr

Bolzano's intermediate-value theorem for quasi-holomorphic maps. (English) [Zbl 1069.46508](#)

Cent. Eur. J. Math. 3, No. 1, 76-82 (2005).

MSC: 46G20 46A16 46E50

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Kadets, Vladimir

Coverings by convex bodies and inscribed balls. (English) [Zbl 1067.52008](#)

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MSC: 52A37 46C05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Kayoya, J. B.

Zeta functional equation on Jordan algebras of type II. (English) [Zbl 1056.43007](#)

J. Math. Anal. Appl. 302, No. 2, 425-440 (2005).

MSC: 43A70

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Full Text: [DOI](#)

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Vladikavkaz. Mat. Zh. 6, No. 2, 21-38 (2004).

MSC: 42C10 41A50 41A55

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EMIS](#)**Bayoumi, Aboubakr****Weak* convergence as different from norm convergence in the dual of a p -Banach space.**(English) [Zbl 1107.46001](#)

Bull. Soc. Sci. Lett. Łódź 54, Sér. Rech. Déform. 43, 43-49 (2004).

MSC: 46A16

Reviewer: S. S. Kutateladze (Novosibirsk)

Puglisi, Mario A.**Measurability in Dedekind σ -complete Riesz spaces with a weak order unit.** (English)[Zbl 1150.46327](#)

Bull. Math. Soc. Sci. Math. Roum., Nouv. Sér. 47(95), No. 3-4, 179-187 (2004).

MSC: 46G99 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Komuro, Naoto**Domination property of the set of upper bounds in ordered linear spaces.** (English)[Zbl 1084.46004](#)

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MSC: 46A40

Reviewer: S. S. Kutateladze (Novosibirsk)

Smolyanov, O. G.; Shkarin, S. A.**Complex Gâteaux differentiability, and continuity.** (English. Russian original) [Zbl 1082.46031](#)

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MSC: 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)**Ivanov, Milen****Sequential representation formulae for G -subdifferential and Clarke subdifferential in smooth Banach spaces.** (English) [Zbl 1082.49022](#)

J. Convex Anal. 11, No. 1, 179-196 (2004).

MSC: 49J52 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Guerrini, Luca; Papini, Pier Luigi

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Reviewer: S. S. Kutateladze (Novosibirsk)

Spurný, Jiří

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MSC: 46A55

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

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MSC: 52C45 46B20 47B06 46B10

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI [arXiv](#)

Koptev, A. V.

Some classes of Banach bundles with continuous weakly continuous sections. (Russian, English) [Zbl 1054.46048](#)

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MSC: 46M20 46A40 46E40

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML](#) [EMIS](#)

Juhnke, Friedrich

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(English) [Zbl 1069.52002](#)

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MSC: 52A20 52A40 90C34 90C25

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Full Text: [EuDML](#) [EMIS](#)

Fomenko, L. P.

On the rigidity of a class of glued surfaces. (English. Russian original) [Zbl 1064.53003](#)

Math. Notes 73, No. 3, 383-388 (2003); translation from Mat. Zametki 73, No. 3, 416-422 (2003).

MSC: 53A05 53C65

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: DOI

Spurný, Jiří

Representation of abstract affine functions. (English) [Zbl 1057.46005](#)

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MSC: 46A55

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Full Text: DOI

Kawasaki, Toshiharu

Uniquely determinedness of the approximately order derivative. (English) [Zbl 1039.46036](#)

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MSC: 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Koptev, A. V.; Robbins, D. A.

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[Zbl 1051.46056](#)

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MSC: 46M20 46A40 46E40

Reviewer: S. S. Kutateladze (Novosibirsk)

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The nonstandard hull of a normed space in a Boolean valued universe. (English)

[Zbl 1052.46064](#)

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Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML Link](#)

Bongiorno, Donatella

Rademacher theorem in separable Fréchet spaces. (English) [Zbl 1038.46031](#)

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Reviewer: S. S. Kutateladze (Novosibirsk)

Cheng, Lixin; Ruan, Yingbin; Teng, Yanmei

Approximation of convex functions on the dual of Banach spaces. (English) [Zbl 1038.46032](#)

J. Approximation Theory 116, No. 1, 126-140 (2002).

MSC: 46G05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Mohebi, H.; Rezapour, Sh.

On upper semi-continuity of projection maps. (English) [Zbl 1005.46009](#)

J. Nat. Geom. 21, No. 1-2, 63-80 (2002).

MSC: 46B25 46A20 46A25 41A65

Reviewer: S.S.Kutateladze (Novosibirsk)

Mohebi, H.; Radjavi, H.

On compactness of the best approximant set. (English) [Zbl 1005.46008](#)

J. Nat. Geom. 21, No. 1-2, 51-62 (2002).

MSC: 46B25 46A20 46A25 41A65

Reviewer: S.S.Kutateladze (Novosibirsk)

Farmaki, Vassiliki

Ordinal indices and Ramsey dichotomies measuring c_0 -content and semibounded completeness. (English) [Zbl 1005.46006](#)

Fundam. Math. 172, No. 2, 153-179 (2002).

MSC: 46B15 46B25 46B45

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Lazareva, E. G.

Study of the range of sums of a vector series by multiplying the rearrangements of a series by real numbers. (English) [Zbl 1051.46006](#)

Sib. Adv. Math. 11, No. 4, 68-97 (2001).

MSC: 46B15 40J05

Reviewer: S. S. Kutateladze (Novosibirsk)

Arzikulov, F. N.

Jordan algebras of abstract measurable operators for JBW -algebras. (English) [Zbl 0993.46038](#)

Sib. Adv. Math. 11, No. 3, 1-39 (2001).

MSC: 46L70 17C65 46L52

Reviewer: S.S.Kutateladze (Novosibirsk)

Mazaheri, H.; Nezhad, A. Dehghan

On σ -Chebyshev subspaces of Banach spaces. (English) [Zbl 1004.46016](#)

Southwest J. Pure Appl. Math. 2001, No. 2, 1-6 (2001).

MSC: 46B25 46A20 46A25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#) [EMIS](#)

Kondakov, V. P.

Remarks on the existence of unconditional bases for weighted countably-Hilbert spaces and their complemented subspaces. (Russian, English) [Zbl 0986.46002](#)

Sib. Mat. Zh. 42, No. 6, 1300-1313 (2001); translation in Sib. Math. J. 42, No. 6, 1082-1092 (2001).

MSC: 46A35 46A03 46A04 46A11 46A45

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Polovinkin, V. I.

A formula for the functions realizing functionals. (Russian, English) [Zbl 0986.46020](#)

Sib. Mat. Zh. 42, No. 4, 920-925 (2001); translation in Sib. Math. J. 42, No. 4, 774-778 (2001).

MSC: 46E35 46E30

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Lazareva, E. G.

Study of domain of sums of vector-valued series in terms of multiplication of a permutation of the series by real numbers. (Russian) [Zbl 0986.46005](#)

Mat. Tr. 4, No. 1, 36-67 (2001).

MSC: 46B15 40J05

Reviewer: S.S.Kutateladze (Novosibirsk)

Spellucci, P.

Nonlinear (local) optimization. The state of the art. (English. Russian summary) [Zbl 0987.90076](#)

Vychisl. Tekhnol. 6, No. 3, 64-102 (2001).

MSC: 90C30 90-02 90C51

Reviewer: S.S.Kutateladze (Novosibirsk)

Mironova, Yu. N.

τ -pseudocompact mappings. (Russian, English) [Zbl 0980.54012](#)

Sib. Mat. Zh. 42, No. 3, 634-644 (2001); translation in Sib. Math. J. 42, No. 3, 537-545 (2001).

MSC: 54C10 54D30 54C05 54B10 54D20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Zakharyuta, V. P.; Chalov, P. A.

Finite families of ℓ_p -spaces and multirectangular characteristics. (Russian, English)

Zbl 0986.46003

Sib. Mat. Zh. 42, No. 3, 538-549 (2001); translation in Sib. Math. J. 42, No. 3, 455-464 (2001).

MSC: 46A45 46A35 46E10 46M05 46A04

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Malyugin, S. A.

On lifting quasi-Radon measures. (Russian, English) Zbl 0984.28007

Sib. Mat. Zh. 42, No. 2, 407-413 (2001); translation in Sib. Math. J. 42, No. 2, 348-352 (2001).

MSC: 28B15 28A51 28C05 46G15

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

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On functors of finite degree and κ -metrizable bicomact spaces. (Russian, English)

Zbl 0980.54008

Sib. Mat. Zh. 42, No. 1, 60-68 (2001); translation in Sib. Math. J. 42, No. 1, 52-58 (2001).

MSC: 54B30 54D35 18B30

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Behrends, Ehrhard; Kadets, Vladimir M.

Metric spaces with the small ball property. (English) Zbl 1002.46012

Stud. Math. 148, No. 3, 275-287 (2001).

MSC: 46B20 46B10 54E35

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI Link](#)

Reich, Simeon; Zaslavski, Alexander J.

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Zbl 0993.46008

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MSC: 46B40 47B65 47A75 47B60

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Sci. Math. Jpn. 54, No. 1, 77-82 (2001).

MSC: 46A40 47B60

Reviewer: S. S. Kutateladze (Novosibirsk)

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MSC: 46B42

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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MSC: 46B25 46B07

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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MSC: 46G05 46B22

Reviewer: S.S.Kutateladze (Novosibirsk)

Buskes, G.; van Rooij, A.

Squares of Riesz spaces. (English) [Zbl 0987.46003](#)

Rocky Mt. J. Math. 31, No. 1, 45-56 (2001).

MSC: 46A40 46B42

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI Link](#)

Manoussakis, A.

On the structure of a certain class of mixed Tsirelson spaces. (English) [Zbl 0988.46009](#)

Positivity 5, No. 3, 193-238 (2001).

MSC: 46B25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Azagra, Daniel; Jiménez-Sevilla, Mar

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[Zbl 0995.46025](#)

J. Funct. Anal. 182, No. 1, 207-226 (2001).

MSC: 46G05 47H10

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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The range of the gradient of a continuously differentiable bump. (English) [Zbl 0993.46023](#)

J. Nonlinear Convex Anal. 2, No. 1, 1-19 (2001).

MSC: 46G05 58C20

Reviewer: S.S.Kutateladze (Novosibirsk)

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[Zbl 0997.46003](#)

Aequationes Math. 61, No. 1-2, 128-130 (2001).

MSC: 46A40 39B72 26A16 26B25 26A15 26A51

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Behrends, Ehrhard; Katkova, Olga; Vishnyakova, Anna

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MSC: 46B25 46B45

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Full Text: [DOI](#)

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MSC: 46G05 Reviewer: S. S. Kutateladze (Novosibirsk)

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MSC: 28B20 54C60 52A27 Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

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[Zbl 0992.47019](#)
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MSC: 46J10 46J30 Reviewer: S.S.Kutateladze (Novosibirsk)

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[Zbl 1039.90525](#)
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MSC: 90C30 65K05 Reviewer: S. S. Kutateladze (Novosibirsk)

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[Zbl 0987.90087](#)
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MSC: 90C39 91A10 Reviewer: S.S.Kutateladze (Novosibirsk)

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Full Text: [DOI](#)

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MSC: 46B25 46B45

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Hudzik, H.; Kamińska, A.; Mastyo, M.

Monotonicity and rotundity properties in Banach lattices. (English) [Zbl 0979.46012](#)

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MSC: 46B42 46E05

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Full Text: [DOI Link](#)

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Aussel, D.; Daniilidis, Aris

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[Zbl 0968.52001](#)

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MSC: 52A01 49J52 26E25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Cabello Sánchez, Félix; García, Ricardo; Villanueva, Ignacio

On a question of Pełczyński about multilinear operators. (English) [Zbl 0971.46035](#)

Bull. Pol. Acad. Sci., Math. 48, No. 4, 341-345 (2000).

MSC: 46G25 46B20 46B25

Reviewer: S.S.Kutateladze (Novosibirsk)

Arzikulov, F. N.

Jordan algebras of abstract measurable operators for JBW -algebras. (Russian)

[Zbl 0960.46044](#)

Mat. Tr. 3, No. 2, 29-70 (2000).

MSC: 46L70 46L52 17C65 46L35 46S20

Reviewer: S.S.Kutateladze (Novosibirsk)

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J. Math. Anal. Appl. 252, No. 2, 980-988 (2000).

MSC: 46B25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Wójtowicz, Marek

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[Zbl 0979.46003](#)

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MSC: 46A40 46B40 46E30

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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J. Egypt. Math. Soc. 8, No. 2, 139-145 (2000).

MSC: 46A40 46A08 46A55

Reviewer: S.S.Kutateladze (Novosibirsk)

Wickstead, A. W.

AL-spaces and AM-spaces of operators. (English) [Zbl 0968.46006](#)

Positivity 4, No. 3, 303-311 (2000).

MSC: 46A40 47B65 46B42 46B03 46B40 46B04

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Turan, Bahri

On f -linearity and f -orthomorphisms. (English) [Zbl 0968.46007](#)

Positivity 4, No. 3, 293-301 (2000).

MSC: 46A40 47B65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Almost f -algebras: Structure and the Dedekind completion. (English) [Zbl 0967.46008](#)

Positivity 4, No. 3, 233-243 (2000).

MSC: 46A40 06F20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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[Zbl 0987.46002](#)

Positivity 4, No. 3, 227-231 (2000).

MSC: 46A40 06F25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Implicit function theorem as a realization of the Lagrange principle. Abnormal points.

(English. Russian original) [Zbl 0958.47036](#)

Sb. Math. 191, No. 1, 1-24 (2000); translation from Mat. Sb. 191, No. 1, 3-26 (2000).

MSC: 47J07

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Lyudkovskij, S. V.

κ -normed topological vector spaces. (Russian, English) [Zbl 1032.46538](#)

Sib. Mat. Zh. 41, No. 1, 167-184 (2000); translation in Sib. Math. J. 41, No. 1, 141-154 (2000).

MSC: 46S10

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Uskova, N. B.

On estimates for spectral projections of perturbed selfadjoint operators. (Russian, English)

[Zbl 1020.47012](#)

Sib. Mat. Zh. 41, No. 3, 712-721 (2000); translation in Sib. Math. J. 41, No. 3, 591-600 (2000).

MSC: 47A55 47B40 47A65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Suslov, S. I.

Characterization of strongly exposed points in $L_2(T, X)$. (English. Russian original)

Zbl 0955.28006

Sib. Math. J. 41, No. 3, 574-576 (2000); translation from Sib. Mat. Zh. 41, No. 3, 692-695 (2000).

MSC: 28B20 54C60 54C65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI EuDML

Korotkov, V. B.

On nonintegrality of functions of some integral and partially integral operators. (Russian, English) Zbl 1020.47034

Sib. Mat. Zh. 41, No. 3, 625-628 (2000); translation in Sib. Math. J. 41, No. 3, 518-520 (2000).

MSC: 47G10 47B38

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: EuDML

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On sequences of linear functionals and some operators of the class S_{2m} . (English. Russian original) Zbl 0963.41014

Sib. Math. J. 41, No. 2, 199-203 (2000); translation from Sib. Mat. Zh. 41, No. 2, 247-252 (2000).

MSC: 41A35 41A36 47A58

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI EuDML

Gong, Yanping; Wu, Qinhua; Chen, Shutao

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Zbl 0963.46002

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MSC: 46A40

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Taiwanese J. Math. 4, No. 2, 275-284 (2000).

MSC: 46A40

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Full Text: DOI

Bugajski, S.; Gudder, S.; Pulmannová, S.

Convex effect algebras, state ordered effect algebras, and ordered linear spaces. (English)

Zbl 0963.46004

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MSC: 46A40 46B40

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Full Text: DOI

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The problem of S. M. Ulam for approximately multiplicative mappings. (English)

Zbl 0958.46022

J. Math. Anal. Appl. 246, No. 2, 352-378 (2000).

MSC: 46G05

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Full Text: DOI

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Optimal set in ordered linear space. (English) [Zbl 0960.46007](#)

Result. Math. 37, No. 3-4, 274-282 (2000).

MSC: 46A40

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Full Text: [DOI](#)

Komiya, Hidetoshi; Tamura, Takayuki

Core equivalence in topological Riesz spaces without convexity. (English) [Zbl 0960.46005](#)

J. Nonlinear Convex Anal. 1, No. 1, 89-94 (2000).

MSC: 46A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Akiyama, Hiroshi

Nonstandard solvability for linear operators between sections of vector bundles. (English)

[Zbl 0947.46059](#)

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MSC: 46S20 47A50 35D05 47B38 46F10 46M20 03H05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Koshkin, S. V.

Functional means, convolution operators and semigroups. (English) [Zbl 0958.46024](#)

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[Zbl 0958.46023](#)

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MSC: 46G05

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Nonstandard class theory. (Russian. English summary) [Zbl 1047.03042](#)

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MSC: 03E70 03H05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [Link](#)

Kusraev, A. G.

On the structure of AJW-algebras of type I_2 . (Russian) [Zbl 1051.46050](#)

Vladikavkaz. Mat. Zh. 1, No. 3, 20-32 (1999).

MSC: 46L70 17C65

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML Link](#)

Khudalov, V. T.

Cones in tensor products of ordered Banach spaces. (Russian) [Zbl 1051.46055](#)

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MSC: 46M05 46B28 47L05

Reviewer: S. S. Kutateladze (Novosibirsk)

Full Text: [EuDML Link](#)

Kusraev, A. G.; Malyugin, S. A.

The Stieltjes moment problem in vector lattices. (English) [Zbl 1052.44003](#)

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MSC: 44A60 46A40

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Kusraev, A. G.

A non-standard analysis of linear and non-linear operators. (Russian) [Zbl 1070.47526](#)

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MSC: 47S20 26E35 28E05

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Full Text: [Link](#)

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Invariant algebras of functions on $SU(2)$. (Russian) [Zbl 1032.46519](#)

Reshetnyak, Yu. G. (ed.) et al., Algebra, geometry, analysis and mathematical physics. Twelfth Siberian school, Novosibirsk, Russia, July 20-24, 1998. Novosibirsk: Izdatel'stvo Instituta Matematiki SO RAN. 74-82 (1999).

MSC: 46J10 46J30

Reviewer: S.S.Kutateladze (Novosibirsk)

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On the existence of an extremal monotonic linear functional. (English) [Zbl 0960.46004](#)

Acta Anal. Funct. Appl. 1, No. 2, 122-126 (1999).

MSC: 46A40

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Chen, Shutao

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Acta Anal. Funct. Appl. 1, No. 1, 6-10 (1999).

MSC: 46B25

Reviewer: S.S.Kutateladze (Novosibirsk)

Emel'yanov, Eh. Yu.; Gorokhova, S. G.

A sufficient condition for order boundedness of an attractor for a positive mean ergodic operator in a Banach lattice. (English. Russian original) [Zbl 0944.47022](#)

Mat. Tr. 2, No. 2, 3-11 (1999); translation in Sib. Adv. Math. 9, No. 3, 78-85 (1999).

MSC: 47B65 46B42 47B38 47D06 47A35 46B40

Reviewer: S.S.Kutateladze (Novosibirsk)

Yang, Guangchong

Quasi-weak convergence with applications in ordered Banach space. (English) [Zbl 0957.46015](#)

Appl. Math. Mech., Engl. Ed. 20, No. 11, 1291-1296 (1999).

MSC: 46B40

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Chen, Z. L.; Wickstead, A. W.

Equalities involving the modulus of an operator. (English) [Zbl 0947.47030](#)

Math. Proc. R. Ir. Acad. 99A, No. 1, 85-92 (1999).

MSC: 47B65 46A40

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Levin, Vladimir L.

Dual representations of convex sets and Gâteaux differentiability spaces. (English)

Zbl 0940.46004

Set-Valued Anal. 7, No. 2, 133-157 (1999).

MSC: 46A55 52A07 52A30 52B12 54C60

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Cianchi, Andrea

Optimal integrability of the Jacobian of orientation preserving maps. (English)

Zbl 0937.46037

Boll. Unione Mat. Ital., Sez. B, Artic. Ric. Mat. (8) 2, No. 3, 619-628 (1999).

MSC: 46G05 46E30 28B10

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: EuDML

Nowak, Marian

Weak sequential compactness and completeness in Köthe-Bochner spaces. (English)

Zbl 0947.46023

Bull. Pol. Acad. Sci., Math. 47, No. 3, 209-220 (1999).

MSC: 46E40 46B50 46B25 46E30

Reviewer: S.S.Kutateladze (Novosibirsk)

Gutman, A. E.; Koptev, A. V.

On the notion of the dual of a Banach bundle. (English. Russian original) Zbl 0938.46055

Mat. Tr. 2, No. 1, 8-71 (1999); translation in Sib. Adv. Math. 9, No. 1, 46-98 (1999).

MSC: 46M20 46A40 46E40

Reviewer: S.S.Kutateladze (Novosibirsk)

Arzikulov, F. N.

On an analog of the Peirce decomposition. (English. Russian original) Zbl 0938.46054

Sib. Math. J. 40, No. 3, 413-419 (1999); translation from Sib. Mat. Zh. 40, No. 3, 485-492 (1999).

MSC: 46L70 46L35 17C65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Skala, Heinz J.

Comonotonic additive operators and their representations. (English) Zbl 0967.46007

Glasg. Math. J. 41, No. 2, 191-196 (1999).

MSC: 46A40 47B60 46A55

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

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Remarks on James's distortion theorems. II. (English) Zbl 0947.46016

Bull. Aust. Math. Soc. 59, No. 3, 515-522 (1999).

MSC: 46B25 46B03

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Zheng, Xi Yin

Very differentiable and generic Frechet differentiable convex functions on Banach spaces.

(English) Zbl 0933.46035

J. Math. Anal. Appl. 235, No. 1, 168-179 (1999).

MSC: 46G05 46B03

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Kawasaki, Toshiharu**Approximately order derivatives in vector lattices.** (English) [Zbl 0937.47041](#)

Math. Jap. 49, No. 2, 229-239 (1999).

MSC: 47B60 46A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Contreras, Manuel D.; Díaz-Madrigal, Santiago**Compact-type operators defined on H^∞ .** (English) [Zbl 0936.46010](#)

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MSC: 46B07 32A35 46B08 46E15 46B25 47A15 47B38

Reviewer: S.S.Kutateladze (Novosibirsk)

Begun, Boris**A remark on almost extensions of Lipschitz functions.** (English) [Zbl 0944.46038](#)

Isr. J. Math. 109, 151-155 (1999).

MSC: 46G05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)**Androulakis, G.; Odell, E.****Distorting mixed Tsirelson spaces.** (English) [Zbl 0940.46008](#)

Isr. J. Math. 109, 125-149 (1999).

MSC: 46B25

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)**Jourani, A.; Thibault, L.****Coderivatives of multivalued mappings, locally compact cones and metric regularity.** (English) [Zbl 0919.46031](#)

Nonlinear Anal., Theory Methods Appl. 35, No. 7, A, 925-945 (1999).

MSC: 46G05 49J52

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)**Carothers, David C.; Feldman, William A.****The band generated by homomorphisms on Banach lattices.** (English) [Zbl 0979.46011](#)

Extr. Math. 13, No. 3, 271-281 (1998).

MSC: 46B42 46E05 47B65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)**Alpay, Şafak; Turan, Bahri****On the commutant of the ideal centre.** (English) [Zbl 0960.46006](#)

Note Mat. 18, No. 1, 63-69 (1998).

MSC: 46A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Cel, J.**Support functional and dual cone with application.** (English) [Zbl 0963.46003](#)

Note Mat. 18, No. 1, 101-111 (1998).

MSC: 46A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Mel'nikov, E. V.

On some classes of endomorphisms of a locally convex space. (English) [Zbl 0944.46001](#)

Vestn. Omsk. Univ. 1998, No. 3, 16-18 (1998).

MSC: 46A32 46A17 46A03 46A08

Reviewer: S.S.Kutateladze (Novosibirsk)

Latypov, I. A.

Invariant algebras of CR-functions. (Russian. English summary) [Zbl 0931.43006](#)

Vestn. Omsk. Univ. 1998, No. 2, 18-20 (1998).

MSC: 43A75 46J10

Reviewer: S.S.Kutateladze (Novosibirsk)

Kusraev, A. G.

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Sib. Math. J. 40, No. 4, 764-774 (1999); translation from Sib. Mat. Zh. 40, No. 4, 905-917 (1999).

MSC: 46H70 46S20 17C65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Vasil'ev, V. A.

The Shapley functional and polar forms of homogeneous polynomial games. (Russian)

[Zbl 0928.91005](#)

Mat. Tr. 1, No. 2, 24-67 (1998).

MSC: 91A12 46B40 91A07

Reviewer: S.S.Kutateladze (Novosibirsk)

Arzikulov, F. N.

AJW-Algebras of type I and their classification. (English) [Zbl 0937.46062](#)

Sib. Adv. Math. 8, No. 2, 30-48 (1998).

MSC: 46L70 46L35 46K99

Reviewer: S.S.Kutateladze (Novosibirsk)

Gutman, A. E.; Losenkov, G. A.

Function representation of the Boolean-valued universe. (English) [Zbl 0938.46006](#)

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MSC: 46A40 03E40 46S20

Reviewer: S.S.Kutateladze (Novosibirsk)

Gorokhova, S. G.

A remark on projection properties of vector lattices. (English) [Zbl 0938.46005](#)

Sib. Adv. Math. 8, No. 1, 96-98 (1998).

MSC: 46A40 46B40

Reviewer: S.S.Kutateladze (Novosibirsk)

Fonf, Vladimir P.; Lindenstrauss, Joram

Some results on infinite-dimensional convexity. (English) [Zbl 0930.46011](#)

Isr. J. Math. 108, 13-32 (1998).

MSC: 46A55 52A05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Gritzmann, Peter; Klee, Victor

Separation by hyperplanes in finite-dimensional vector spaces over Archimedean ordered fields. (English) [Zbl 0929.46011](#)

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MSC: 46A55 46S10 52A07 52A20 52A41 12J15 52B11
52B55 90C25 90C30 46A22

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Kobanenko, K. N.

On the extension of generalized Lipschitz mappings. (English. Russian original) [Zbl 0920.46036](#)
Math. Notes 63, No. 5, 693-695 (1998); translation from Mat. Zametki 63, No. 5, 789-792 (1998).
MSC: 46G05 54C20 54H05 Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Pallaschke, Diethard; Urbański, Ryszard

Critical points and point derivations for Lipschitz functions. (English) [Zbl 0944.46037](#)
Funct. Approximatio, Comment. Math. 26, 165-172 (1998).
MSC: 46G05 26A16 49J52 52A41 Reviewer: S.S.Kutateladze (Novosibirsk)

Hudzik, Henryk

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MSC: 46B42 46B25 Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Asymptotically isometric copies of c_0 in Banach spaces. (English) [Zbl 0916.46007](#)
J. Math. Anal. Appl. 219, No. 2, 377-391 (1998).
MSC: 46B20 46B25 Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Penot, Jean-Paul

Proximal mappings. (English) [Zbl 0916.46032](#)
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MSC: 46G05 49J52 Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Lavrič, Boris

Order convergence of order bounded sequences in Riesz spaces. (English) [Zbl 0930.46009](#)
Tamkang J. Math. 29, No. 1, 41-45 (1998).
MSC: 46A40 Reviewer: S.S.Kutateladze (Novosibirsk)

Xiong, Hongyun; Rong, Ximin

Riesz product spaces and representation theory. (English) [Zbl 0930.46008](#)
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MSC: 46A40 Reviewer: S.S.Kutateladze (Novosibirsk)

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Note on the Erdős-Szekeres theorem. (English) [Zbl 0903.52006](#)
Discrete Comput. Geom. 19, No. 3, 457-459 (1998).
MSC: 52A37 05B99 52A10 Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Zbl 0903.52004

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MSC: 52A37 05B99 52A10

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Schmuckenschläger, Michael

Volume of intersections and sections of the unit ball of ℓ_p^n . (English) Zbl 0896.52009

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MSC: 52A20 46B09 46B20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

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Mixed volumes and slices of the cube. (English) Zbl 0896.52017

J. Comb. Theory, Ser. A 81, No. 1, 121-126 (1998).

MSC: 52A39

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI Link

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Projective convex curves. (English) Zbl 0873.52001

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Reviewer: S.S.Kutateladze (Novosibirsk)

Radnaev, V. A.

On n -disjoint operators. (English) Zbl 0938.47029

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Reviewer: S.S.Kutateladze (Novosibirsk)

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α -similarity. (English) Zbl 0936.46007

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MSC: 46A40 46A35

Reviewer: S.S.Kutateladze (Novosibirsk)

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Contact points of convex bodies. (English) Zbl 0896.52008

Isr. J. Math. 101, 93-124 (1997).

MSC: 52A20 46B09 46B20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Grzybowski, J.; Urbański, R.

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MSC: 52A07 26A27

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: EuDML

Neuberger, J. W.

Continuous steepest descent in higher order Sobolev spaces. (English) [Zbl 0912.46047](#)

Nonlinear Anal., Theory Methods Appl. 30, No. 6, 3517-3519 (1997).

MSC: 46G05 46E35 49J52

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Fallert, Hermann; Goodey, Paul; Weil, Wolfgang

Spherical projections and centrally symmetric sets. (English) [Zbl 0887.52001](#)

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MSC: 52A20 44A12

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Ioffe, A. D.

Directional compactness, scalarization and nonsmooth semi-Fredholm mappings. (English)

[Zbl 0912.46004](#)

Nonlinear Anal., Theory Methods Appl. 29, No. 2, 201-219 (1997).

MSC: 46A55 49J52 26B25 47A53

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Wang, Jianhua; Nan, Chaoxun

The continuity of subdifferential mapping. (English) [Zbl 0912.46046](#)

J. Math. Anal. Appl. 210, No. 1, 206-214 (1997).

MSC: 46G05 46A55 26B25 49J52

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Fabian, Marián J.

Gâteaux differentiability of convex functions and topology. Weak Asplund spaces. (English)

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MSC: 46B20 46-02 46A50 46A55 46G05 46B10 46B22

Reviewer: S.S.Kutateladze (Novosibirsk)

Giannopoulos, Apostolos A.

On some vector balancing problems. (English) [Zbl 0873.52005](#)

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MSC: 52A20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#) [EuDML](#)

Hughes, Robert B.; Anderson, Michael R.

Simplexity of the cube. (English) [Zbl 0862.52005](#)

Discrete Math. 158, No. 1-3, 99-150 (1996).

MSC: 52C17 05C70 90C05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Casazza, Peter G.; Christensen, Ole

Hilbert space frames containing a Riesz basis and Banach spaces which have no subspace isomorphic to c_0 . (English) [Zbl 0867.46013](#)

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MSC: 46B25 46B15

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#) [arXiv](#)

Jepsen, Charles H.

Equidissections of trapezoids. (English) [Zbl 0856.51007](#)

Am. Math. Mon. 103, No. 6, 498-500 (1996).

MSC: 51M04

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Chepoi, Victor; Patlatii, Vitalii; Prisăcaru, Chiril

L_1 -embeddability of rectilinear polygons with holes. (English) [Zbl 0860.05027](#)

J. Geom. 56, No. 1-2, 18-24 (1996).

MSC: 05C10 54E35

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Ferrer, Jesús

Rolle's theorem fails in ℓ_2 . (English) [Zbl 0888.46017](#)

Am. Math. Mon. 103, No. 2, 161-165 (1996).

MSC: 46G05 46B45 26B05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Leng, Gangsong; Tang, Lihua

Some inequalities on the inradii of a simplex and of its faces. (English) [Zbl 0851.52012](#)

Geom. Dedicata 61, No. 1, 43-49 (1996).

MSC: 52A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Tsolomitis, Antonis

Quantitative Steiner-Schwarz-type symmetrizations. (English) [Zbl 0847.52002](#)

Geom. Dedicata 60, No. 2, 187-206 (1996).

MSC: 52A20 46B07 52A21

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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MSC: 52A35

Reviewer: S.S.Kutateladze (Novosibirsk)

Burago, Yu. D.; Kalinin, B. V.

Smoothness and singularities of convex hypersurfaces. (Russian) [Zbl 0873.52004](#)

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MSC: 52A20

Reviewer: S.S.Kutateladze (Novosibirsk)

Sabitov, I. Kh.

The volume of a polyhedron as a function of length of its edges. (Russian. English summary)

[Zbl 0903.52005](#)

Fundam. Prikl. Mat. 2, No. 1, 305-307 (1996).

MSC: 52A37 05B99 51A10

Reviewer: S.S.Kutateladze (Novosibirsk)

Reich, S.; Khatskevich, V.; Shoikhet, D.

A global implicit function theorem and fixed point theorems for holomorphic mappings and semigroups. (English. Russian original) [Zbl 0912.46045](#)

Dokl. Math. 53, No. 2, 270-272 (1996); translation from Dokl. Akad. Nauk 347, No. 6, 743-745 (1996).

MSC: 46G05

Reviewer: S.S.Kutateladze (Novosibirsk)

Marco, Luis; Murillo, José Alberto

Locally Lipschitz and convex functions. (English) [Zbl 0888.46019](#)

Mathematica 38(61), No. 1-2, 121-131 (1996).

MSC: 46G05 46A55

Reviewer: S.S.Kutateladze (Novosibirsk)

Jung, Soon-Mo

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[Zbl 0888.46018](#)

J. Math. Anal. Appl. 204, No. 1, 221-226 (1996).

MSC: 46G05 47A99

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Emel'yanov, È. Yu.

Banach-Kantorovich spaces associated with the order hulls of decomposable lattice-normed spaces. (English. Russian original) [Zbl 0868.46017](#)

Sib. Math. J. 36, No. 1, 66-77 (1995); translation from Sib. Mat. Zh. 36, No. 1, 72-85 (1995).

MSC: 46B40 46S20

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

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Positive definite diagonal sequences. (English) [Zbl 0867.46017](#)

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MSC: 46B42 47B65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [EuDML](#)

Sabitov, I. Kh.

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[Zbl 0857.52004](#)

Russ. Math. Surv. 50, No. 2, 451-452 (1995); translation from Usp. Mat. Nauk 50, No. 2, 223-224 (1995).

MSC: 52B11

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Tokunaga, Shin-ichi

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(English) [Zbl 0857.52002](#)

SUT J. Math. 31, No. 2, 155-160 (1995).

MSC: 52A37 52B05

Reviewer: S.S.Kutateladze (Novosibirsk)

Schrijver, Alexander

Polyhedral combinatorics. (English) [Zbl 0845.90103](#)

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MSC: 90C27 90C05 52B12 90C35

Reviewer: S.S.Kutateladze (Novosibirsk)

Schmuckenschläger, Michael

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[Zbl 0835.52012](#)

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MSC: 52A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Hug, Daniel

On the mean number of normals through a point in the interior of a convex body. (English)

[Zbl 0835.52011](#)

Geom. Dedicata 55, No. 3, 319-340 (1995).

MSC: 52A40 53C65

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

Maurey, B.

Symmetric distortion in ℓ_2 . (English) [Zbl 0867.46016](#)

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Basel: Birkhäuser. Oper. Theory, Adv. Appl. 77, 143-147 (1995).

MSC: 46B25 46B15

Reviewer: S.S.Kutateladze (Novosibirsk)

Diskant, V. I.

Generalization of the Bonnesen inequalities in the Minkowskian geometry. (Russian. English summary) [Zbl 0840.52005](#)

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MSC: 52A40 52A39

Reviewer: S.S.Kutateladze (Novosibirsk)

Diskant, V. I.

Improvement of the isodiametral inequality in the Minkowski geometry. (Russian. English summary) [Zbl 0840.52004](#)

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MSC: 52A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Stepanova, A. A.

Axiomatizability and model completeness of the class of regular polygons. (English. Russian original) [Zbl 0833.03011](#)

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MSC: 03C35 08C10

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI

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Dual Kadec-Klee norms and the relationships between Wijsman, slice, and Mosco convergence. (English) [Zbl 0820.46007](#)

Mich. Math. J. 41, No. 2, 371-387 (1994).

MSC: 46B10 46A55 46N10 46G05

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI arXiv

Erdős, Paul; Fishburn, Peter

A postscript on distances in convex n -gons. (English) [Zbl 0815.52006](#)

Discrete Comput. Geom. 11, No. 1, 111-117 (1994).

MSC: 52A37

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: DOI EuDML

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Isoperimetric inequalities with lattice constraints. (English) [Zbl 0865.11053](#)

Rend. Semin. Mat. Messina, Ser. II 17, No. 2, Suppl., 113-125 (1993).

MSC: 11H06 52A40

Reviewer: S.S.Kutateladze (Novosibirsk)

Zelinskij, Yu. B.

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[Zbl 0820.49007](#)

Kühnau, R. (ed.) et al., Geometric function theory and applications of complex analysis and its applications to partial differential equations 2. Proceedings, 5th conference, held in Halle (GDR), in December 1988. Harlow, Essex: Longman Scientific & Technical. Pitman Res. Notes Math. Ser. 257, 118-122 (1993).

MSC: 49J52 32A99

Reviewer: S.S.Kutateladze (Novosibirsk)

Huang, T. C.

Extended generalized variational inequalities. (English) [Zbl 0813.49011](#)

Comput. Math. Appl. 26, No. 8, 21-30 (1993).

MSC: 49J40

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Full Text: [DOI](#)

Kutateladze, S. S.

Advices to an episodic translator. (Sovety ehvizodicheskomu perevodchiku). 2. ed. (Sovety ehvizodicheskomu perevodchiku.) (Russian) [Zbl 0774.00005](#)

Novosibirsk: Uzus, 144 p. (1993).

MSC: 00A20

Reviewer: S.S.Kutateladze

Ghoussoub, N.; Maurey, B.; Schachermayer, W.

Slicings, selections and their applications. (English) [Zbl 0780.46008](#)

Can. J. Math. 44, No. 3, 483-504 (1992).

MSC: 46A55 46B20 49J27 49J45

Reviewer: S.S.Kutateladze (Novosibirsk)

Full Text: [DOI](#)

Gierz, Gerhard; Shekhtman, Boris

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[Zbl 0780.46009](#)

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[Zbl 0746.47016](#)

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