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Advising Theses

EMELYANOV E., uT -convergence in locally solid vector lattices, Doctorate, Y.A.(Student), 2018

EMELYANOV E., Unbounded p -convergence in lattice-normed vector lattices, Doctorate, M.A.(Student), 2017

EMELYANOV E., Compact-like operators in lattice-normed spaces, Doctorate, A.AYDIN(Student), 2017

EMELYANOV E., Nonstandard hulls of ordered vector spaces, Doctorate, H.GÜL(Student), 2015

EMELYANOV E., Convergence of Lotz-Raebiger nets on Banach spaces, Doctorate, N.ERKURŞUN(Student), 2010

EMELYANOV E., On asymptotic properties of positive operators on banach lattices, Doctorate, A.BİNHADJAH(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enveloping norms of regularly P -operators in Banach lattices**
Alpay S., Emelyanov E., Gorokhova S.
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- II. **Duality and norm completeness in the classes of limitedly L_{wc} and Dunford–Pettis L_{wc} operators**
ALPAY S., EMELYANOV E., GOROKHOVA S.
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- III. **τ -Continuous, Lebesgue, KB , and Levi Operators Between Vector Lattices and Topological Vector Spaces**
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- IV. **Bibounded uo -convergence and b -property in vector lattices**
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- V. **Full lattice convergence on Riesz spaces**
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- VI. **Internal characterization of Brezis–Lieb spaces**
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- VII. **$u\tau$ -convergence in locally solid vector lattices**
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- VIII. **Komls properties in Banach lattices**
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- IX. **um-Topology in multi-normed vector lattices**
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- X. **Compact-like operators in lattice-normed spaces**
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- XI. **Archimedean Cones in Vector Spaces**
EMELYANOV E.
JOURNAL OF CONVEX ANALYSIS, vol.24, no.1, pp.169-183, 2017 (SCI-Expanded)
- XII. **Nonstandard hulls of ordered vector spaces**
EMELYANOV E., Gul H.
POSITIVITY, vol.20, no.2, pp.413-433, 2016 (SCI-Expanded)
- XIII. **On quasi-compactness of operator nets on Banach spaces**
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STUDIA MATHEMATICA, vol.203, no.2, pp.163-170, 2011 (SCI-Expanded)
- XIV. **Lotz-Rabiger's nets of Markov operators in L_1 -spaces**
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- XV. **Asymptotic Behavior of Lotz-Rabiger and Martingale Nets**
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- XVI. **An extension of Sine's counterexample**
EMELYANOV E., Erkursun N.
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- XVII. **Mean ergodicity of positive operators in KB-space**
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- XVIII. **A positive doubly power bounded operator with a nonpositive inverse exists on any infinite-dimensional AL-Space**
Alpay S., Binhadjah A., Emel'yanov E.
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- XIX. **Asymptotic behavior of Markov semigroups on preduals of von Neumann algebras**
Emel'yanov E., Wolff M.
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- XX. **A characterization of an order ideal in Riesz spaces**
Alpay S., Emel'yanov E., Ercan Z.
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- XXI. **A formula for the joint local spectral radius**
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- XXII. **A remark to a theorem of Yu. A. Abramovich**
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- XXIII. **Some conditions for a co-semigroup to be asymptotically finite-dimensional**
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SIBERIAN MATHEMATICAL JOURNAL, vol.44, no.5, pp.793-796, 2003 (SCI-Expanded)
- XXIV. **Positive operators on Banach spaces ordered by strongly normal cones**
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- XXV. **Invariant densities and mean ergodicity of Markov operators**

- Emel'yanov E.
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- XXVI. **Quasi constricted linear representations of abelian semigroups on Banach spaces**
Emel'yanov E., Wolff M. P. H.
Mathematische Nachrichten, vol.233-234, pp.103-110, 2002 (SCI-Expanded)
- XXVII. **Quasi-constricted linear operators on Banach spaces**
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- XXVIII. **Asymptotic behavior of positive operators on Banach lattices**
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- XXIX. **Mean ergodicity on Banach lattices and Banach spaces**
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- XXX. **Invariant homomorphisms of nonstandard enlargements of Boolean algebras and vector lattices**
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- XXXI. **Banach lattices on which every power-bounded operator is mean ergodic**
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- XXXII. **BANACH-KANTOROVICH SPACES ASSOCIATED WITH THE ORDER HULLS OF DECOMPOSABLE LATTICE-NORMED SPACES**
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- XXXIII. **THE ORDER AND REGULAR HULLS OF RIESZ SPACES**
EMEL'YANOV E.
SIBERIAN MATHEMATICAL JOURNAL, vol.35, no.6, pp.1101-1108, 1994 (SCI-Expanded)
- XXXIV. **ON THE NOTION OF STABILITY OF ORDER CONVERGENCE IN VECTOR LATTICES**
GOROKHOVA S., EMEL'YANOV E.
SIBERIAN MATHEMATICAL JOURNAL, vol.35, no.5, pp.912-916, 1994 (SCI-Expanded)
- XXXV. **NONSTANDARD HULLS OF VECTOR LATTICES**
EMEL'YANOV E.
SIBERIAN MATHEMATICAL JOURNAL, vol.35, no.1, pp.77-87, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **Unbounded p-Convergence in Lattice-Normed Vector Lattices**
Aydın A., EMEL'YANOV E., Erkurşun-Özcan N., Marabeh M.
Siberian Advances in Mathematics, vol.29, no.3, pp.164-182, 2019 (Scopus)
- II. **Unbounded order convergence and the Gordon theorem#**
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Vladikavkaz Mathematical Journal, vol.21, no.4, pp.56-62, 2019 (Scopus)
- III. **Asymptotically absorbing nets of positive operators**
EMEL'YANOV E., Erkurşun N.
Siberian Advances in Mathematics, vol.22, no.4, pp.243-260, 2012 (Scopus)

Books & Book Chapters

- I. **Non-spectral Asymptotic Analysis of One-Parameter Operator Semigroups**

EMELYANOV E.

Birkhäuser Verlag 2007, Basel, 2007

Metrics

Publication: 39

Citation (WoS): 120

Citation (Scopus): 130

H-Index (WoS): 6

H-Index (Scopus): 6