

## Prof. EDUARD EMELYANOV

### Personal Information

**Email:** eduard@metu.edu.tr

**Web:** <https://avesis.metu.edu.tr/eduard>

### International Researcher IDs

ScopusID: 57196049216

Yoksis Researcher ID: 203147

### Supervised 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.  
Positivity, vol.28, no.3, 2024 (SCI-Expanded)
- II. **Duality and norm completeness in the classes of limitedly  $L_{wc}$  and Dunford–Pettis  $L_{wc}$  operators**  
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- III.  **$\tau$ -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**  
AYDIN A., EMELYANOV E., Gorokhova S.  
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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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- 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.  
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- XII. **Nonstandard hulls of ordered vector spaces**  
EMELYANOV E., Gul H.  
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- 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**  
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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**  
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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**  
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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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- XXIV. **Positive operators on Banach spaces ordered by strongly normal cones**  
Emel'yanov E., Wolff M.  
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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.  
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- XXVIII. **Asymptotic behavior of positive operators on Banach lattices**  
Emel'yanov E., Rabiger F., Wolff M.  
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- XXIX. **Mean ergodicity on Banach lattices and Banach spaces**  
Emel'yanov E., Wolff M.  
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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.  
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- XXXV. **NONSTANDARD HULLS OF VECTOR LATTICES**  
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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.  
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- 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

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

EMELYANOV E.

Birkhäuser Verlag 2007, Basel, 2007

## **Metrics**

Publication: 39

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