



Rahmatollah Lashkaripour

Professor

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Education

- ✓ B.Sc, Mathematics, Ferdowsi University of Mashhad - 1985
- ✓ MS, Pure Mathematics - Mathematics Analysis, Tarbiat Modares University - 1988
- ✓ PhD, Pure Mathematics - Mathematics Analysis, Lancaster University-England - 1997
- ✓ PhD, Pure Mathematics - Mathematics Analysis, Lancaster University-England - 1997

Courses

- | | |
|----------------------------------|---|
| 1. mathematics analysis 2 | 2. Complex function |
| 3. The Theory of Operators | 4. Real Analysis 1 |
| 5. Seminar | 6. Applied functional analysis |
| 7. Functional analysis | 8. Mathematical analysis 2 (statistics) |
| 9. A topic in Operator Theory | 10. Thesis |
| 11. seminar2 | 12. 0 |
| 13. The Theory of Operators (II) | 14. Topics in the Banach spaces |
| 15. Specialized Math Language | 16. Topics in Banach Space 2 |
| 17. Mathematical analysis | 18. A Topic in Functional Analysis |
| 19. mathematics analysis 1 | 20. mathematics analysis 1 |

Master Thesis

1. Investigation on special kinds of inequalities on Hilbert operators

داود افراز, [Rahmatollah Lashkaripour, Mojtaba Bakherad]

نیمسال دوم سال تحصیلی 98-99

2. Investigation on special kinds of inequalities on Hilbert operators

داود افراز, [Rahmatollah Lashkaripour, Mojtaba Bakherad, Hossein Hosseini Giv, Omid Zabeti]

نیمسال اول سال تحصیلی 98-99

3. Application of numerical inequalities to get operators inequalities and their inverse on operator space $B(H)$

مهران ملازهی, [Rahmatollah Lashkaripour]

نیمسال دوم سال تحصیلی 97-98

4. Survey and extension of some inequalities on operators

منیره حاج محمدی, [Rahmatollah Lashkaripour, Mojtaba Bakherad]

نیمسال اول سال تحصیلی 96-97

5. Extension of fixed point theorems in incomplete metric spaces and their applications

زهرا احمدی, [Rahmatollah Lashkaripour, Hamid Baghani]

نیمسال اول سال تحصیلی 96-97

6. Extension of fixed point theorems in incomplete metric spaces and their applications

زهرا احمدی, [Rahmatollah Lashkaripour, Hamid Baghani]

نیمسال دوم سال تحصیلی 95-96

7. Survey and extension of some inequalities on operators

منیره حاج محمدی, [Rahmatollah Lashkaripour, Mojtaba Bakherad]

نیمسال دوم سال تحصیلی 95-96

8. On the nonlinear scalarization method and fixed point theorems on the cone with applications

اردشیر کرمان, [Rahmatollah Lashkaripour]

نیمسال اول سال تحصیلی 95-96

9. Survey and extension of some inequalities on operators

منیره حاج محمدی, [Rahmatollah Lashkaripour, Mojtaba Bakherad]

نیمسال اول سال تحصیلی 95-96

10. Extension of fixed point theorems in incomplete metric spaces and their applications

زهرا احمدی, [Rahmatollah Lashkaripour, Hamid Baghani]

نیمسال اول سال تحصیلی 95-96

11. On the nonlinear scalarization method and fixed point theorems on the cone with applications

اردشیر کرمان, [Rahmatollah Lashkaripour]

نیمسال دوم سال تحصیلی 95-94

12. Best proximity point and fixed point in metric spaces and some special spaces

جواد حمزه نژادی, [Rahmatollah Lashkaripour]

نیمسال اول سال تحصیلی 95-94

13. On the nonlinear scalarization method and fixed point theorems on the cone with applications

[Rahmatollah Lashkaripour], اردشير كرميان

نیمسال اول سال تحصیلی 94-95

14. Best proximity point and fixed point in metric spaces and some special spaces

[Rahmatollah Lashkaripour], جواد حمزه نژادي

نیمسال دوم سال تحصیلی 94-93

15. Best proximity point and fixed point in metric spaces and some special spaces

[Rahmatollah Lashkaripour], جواد حمزه نژادي

نیمسال اول سال تحصیلی 94-93

16. III

[Rahmatollah Lashkaripour], اسما کمال الديني

نیمسال دوم سال تحصیلی 92-91

17. df

[Rahmatollah Lashkaripour], مهنوش سالاري

نیمسال دوم سال تحصیلی 92-91

18. sxsx

[Rahmatollah Lashkaripour], زکيه خليلي

نیمسال دوم سال تحصیلی 89-88

19. fbb

[Rahmatollah Lashkaripour, Alireza Ahmadi Ledari], زهرا ميرزاايي حتکني

نیمسال دوم سال تحصیلی 89-88

20. yhiu

[Rahmatollah Lashkaripour, Alireza Ahmadi Ledari], عباس محمدي

نیمسال دوم سال تحصیلی 89-88

21. dasxa

[Rahmatollah Lashkaripour], مليحه فرضي هارمي

نیمسال دوم سال تحصیلی 89-88

22. ssaa

[Rahmatollah Lashkaripour], سميہ شہرکي

نیمسال دوم سال تحصیلی 89-88

23. asdfg

[Rahmatollah Lashkaripour, Alireza Ahmadi Ledari], مطهره اتابکي

نیمسال دوم سال تحصیلی 89-88

24. gu

[Rahmatollah Lashkaripour], فريده شهردراري

نیمسال دوم سال تحصیلی 89-88

25. bj

[Rahmatollah Lashkaripour, Alireza Ahmadi Ledari], الهام دهويي قريه موسي

نیمسال دوم سال تحصیلی 89-88

Journals Papers

2022

[1. A new approach to the study of solutions for a fractional boundary value problem in Holder spaces](#)

, Rahmatollah Lashkaripour, Shapour Heidarkhani

Journal of Mathematical Extension Volume: (16) 1 - 25

2021

[2. Further refinements of generalized numerical radius inequalities for Hilbert space operators](#)

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

Georgian Mathematical Journal Volume: (28) 83 - 92

[3. EXISTENCE OF THREE WEAK SOLUTIONS FOR A CLASS OF DISCRETE PROBLEMS DRIVEN BY \$p\$ -LAPLACIAN OPERATOR](#)

MAURIZIO IMBESI, Rahmatollah Lashkaripour,

Fixed Point Theory Volume: (22) 231 - 240

[4. Investigation of Fractional and Ordinary Differential Equations via Fixed Point Theory](#)

, Rahmatollah Lashkaripour

Thai Journal of Mathematics Volume: (19) 297 - 314

[5. Fixed point theorems for a new generalization of contractive maps in incomplete metric spaces and its application in boundary value problems](#)

, Rahmatollah Lashkaripour, Hamid Baghani

Journal of Applied Analysis Volume: (27) 199 - 207

[6. SOME EXTENSIONS OF BEREZIN NUMBER INEQUALITIES ON OPERATORS](#)

Mojtaba Bakherad, Monire Hajmohamadi, Rahmatollah Lashkaripour, Sahoo Satyjit

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS Volume: (51) 1941 - 1951

2020

[7. Improvements of Berezin number inequalities](#)

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

LINEAR and MULTILINEAR ALGEBRA Volume: (68) 1218 - 1229

[8. A FIXED POINT PROBLEM VIA SIMULATION FUNCTIONS IN INCOMPLETE METRIC SPACES WITH ITS APPLICATION](#)

Rahmatollah Lashkaripour, Hamid Baghani,

Turkish World Mathematical Society Journal of Applied and Engineering Mathematics Volume: (10) 220 - 231

9. Norm inequalities involving a special class of functions for sector matrices

Davood Afraz, Rahmatollah Lashkaripour, Mojtaba Bakherad

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (20) 1 - 11

10. Existence of solutions of infinite system of nonlinear sequential fractional differential equations

, Rahmatollah Lashkaripour, Hamid Baghani, Shapour Heidakhani, Giuseppe Caristi

Advances in Difference Equations Volume: (22020) 1 - 20

11. Existence and uniqueness of solutions of nonlinear fractional order problems via a fixed point theorem

, Rahmatollah Lashkaripour, Hamid Baghani, Shapour Heidarkhani

INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION Volume: (0) 1 - 11

12. Some inequalities involving Hilbert-Schmidt numerical radius on 2×2 operator matrices

Monire Hajmohamadi, Rahmatollah Lashkaripour

Filomat Volume: (34) 4649 - 4657

13. Continuity and Fixed Point of a New Extension of F-Suzuki-Contraction Mappings in b-Metric Spaces With Application

, Rahmatollah Lashkaripour, Hamid Baghani

Journal of Mathematical Extension Volume: (14) 67 - 90

2019

14. Further refinements of generalized numerical radius inequalities for Hilbert space operator

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

Georgian Mathematical Journal Volume: (0) 0 - 0

15. COMPLETE REFINEMENTS OF THE BEREZIN NUMBER INEQUALITIES

Mojtaba Bakherad, Rahmatollah Lashkaripour, Monire Hajmohamadi, Ulas Yamanci

Journal of Mathematical Inequalities Volume: (13) 1117 - 1128

16. A NEW APPROACH TO SOME FIXED POINT THEOREMS FOR MULTIVALUED NONLINEAR F-CONTRACTIVE MAPS

Rahmatollah Lashkaripour, Hamid Baghani,

Matematicki Vesnik Volume: (71) 368 - 377

17. بهبودهایی از نامساوی های توابع محدب هندسی برای عملگرها

Mojtaba Bakherad, Rahmatollah Lashkaripour, Monire Hajmohamadi, Alireza Ahmadi Ledari

Wavelets and Linear Algebra Volume: (6) 55 - 70

2018

18. Some Extensions of the Young and Heinz Inequalities for Matrices

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

Bulletin of the Iranian Mathematical Society Volume: (44) 977 - 990

19. Reverses of Andos and Holder-McCartys inequalities

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (1) 1 - 15

20. Some generalizations of numerical radius on off diagonal part of two in two operator matrices

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

Journal of Mathematical Inequalities Volume: (12) 447 - 457

21. Some Matrix Power and Karcher Means Inequalities Involving Positive Linear Maps

Monire Hajmohamadi, Rahmatollah Lashkaripour, Mojtaba Bakherad

Filomat Volume: (32) 2625 - 2634

22. SOME GENERALIZATIONS OF NUMERICAL RADIUS ON OFFDIAGONAL PART OF 22 OPERATOR MATRICES

Monire Hajmohamadi, Rahmatollah Lashkaripour,

Journal of Mathematical Inequalities Volume: (12) 447 - 457

23. Discussion on the fixed point problems with constraint inequalities

Badr Alqahtani, Rahmatollah Lashkaripour, Erdal Karapinar,

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (2018) 1 - 16

24. A fixed point problem with constraint inequalities via a contraction in Incomplete metric spaces

, Rahmatollah Lashkaripour, Hamid Baghani

Filomat Volume: (32) 3365 - 3379

25. Existence of solutions for a new version of generalized operator equilibrium problems

Ardashir Karamian, Rahmatollah Lashkaripour

Filomat Volume: (32) 1 - 12

26. Fixed point results for inceasing mapping and the relationship between(relative) algebric interior and topological interior

Ardashir Karamian, Rahmatollah Lashkaripour

Journal of Mathematical Extension Volume: (12) 55 - 68

2017

27. Extensions of interpolation between the arithmetic-geometric mean inequality for matrices

Mojtaba Bakherad, Rahmatollah Lashkaripour, Monire Hajmohamadi

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (1) 1 - 10

28. On fixed point theory for generalized contractions in Cone rectangular metric spaces via scalarizing

- -, Rahmatollah Lashkaripour, Ardashir Karamian

Thai Journal of Mathematics Volume: (15) 33 - 45

29. On a new generalized symmetric vector equilibrium problem

Rahmatollah Lashkaripour, Ardashir Karamian

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (2017) 1 - 12

2016

30. Best proximity points for generalized Geraghty proximal contraction mappings and its applications

, Rahmatollah Lashkaripour

FIXED POINT THEORY AND APPLICATIONS Volume: (72) 1 - 13

31. on the relationship between topological boundedness and ordered boundedness for solid cons via scalarizing

Ardashir Karamian, Rahmatollah Lashkaripour

international journal of pure and applied mathematics Volume: (110) 217 - 225

2014

32. Some inequalities involving Laplace transformation

Alireza Moazen, Rahmatollah Lashkaripour

Journal of Mathematical Extension Volume: (8) 1 - 15

33. Monotone Variational inequalities over arbitrary product sets

Rahmatollah Lashkaripour

Journal of Mathematical Extension Volume: (8) 79 - 86

34. (a,b)-Monotone Variational Inequalities Over Arbitrary Product Sets

Rahmatollah Lashkaripour, Ardashir Karamian, P. Zanganehmehr

Journal of Mathematical Extension Volume: (8) 79 - 86

35. Some new extensions of Hardy s inequality

A. Moazzen, Rahmatollah Lashkaripour

International Journal of Nonlinear Analysis and Application Volume: (5) 98 - 109

2013

36. On the fine spectrum of generalized upper double-band matrices ...

Rahmatollah Lashkaripour

Matemacki Vesnik Volume: (65) 64 - 73

2012

37. Some inequalities involving lower bounds of operators on weighted sequence spaces by a matrix norm

Rahmatollah Lashkaripour

International Journal of Nonlinear Analysis and Application Volume: (3) 45 - 54

38. On the fine spectra of the Zweier matrix as an operator over ...

Rahmatollah Lashkaripour

International Journal of Nonlinear Analysis and Application Volume: (3) 24 - 35

39. On a decomposition of Hardy-Hilbert inequality

Rahmatollah Lashkaripour

Bulletin of the Iranian Mathematical Society Volume: (38) 45 - 54

40. lower bound for matrix operators on the Euler weighted sequence spaces

Rahmatollah Lashkaripour

Rendiconti del Circolo Matematico di Palermo Volume: (61) 1 - 12

41. Norms of matrix operators on bvp

Rahmatollah Lashkaripour

Journal of Mathematical Inequalities Volume: (6) 589 - 592

42. Lower bound and upper bound of operators on block weighted sequence spaces

Rahmatollah Lashkaripour

CZECHOSLOVAK MATHEMATICAL JOURNAL Volume: (62) -

43. On the fine spectra of the generalized difference operators ...

Rahmatollah Lashkaripour

journal of mahani mathematical research center Volume: (1) 1 - 12

44. Hardy inequality in block weighted spaces

, Rahmatollah Lashkaripour

JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Volume: (14) 691 - 705

2011

45. Lower bound of Copson type operators ...

Rahmatollah Lashkaripour

Bulletin of the Iranian Mathematical Society Volume: (37) 65 - 74

46. Lower bound of Copson type for the Hausdorff Matrices ...

Rahmatollah Lashkaripour

Journal of Sciences Islamic Republic of Iran Volume: (22) 153 - 157

47. LOWER BOUND FOR THE NORM OF LOWER TRIANGULAR MATRICES ON BLOCK WEIGHTED SEQUENCE SPACES

Rahmatollah Lashkaripour,

Journal of Mathematical Inequalities Volume: (5) 33 - 38

2010

48. Upper Bound and Lower Bound for Integral Operators on Weighted Spaces

Rahmatollah Lashkaripour

Lobachevskii Journal of Mathematics Volume: (31) -

49. Fixed Point Theorem on Complete -fuzzy Metric Space

Rahmatollah Lashkaripour

International Journal of Fuzzy Systems and Rough Systems Volume: (5) 1 - 7

2009

50. Lower Bounds for Matrices on Block Weighted Sequence Spaces I

Rahmatollah Lashkaripour

CZECHOSLOVAK MATHEMATICAL JOURNAL Volume: () -

51. Extension of Hardy Inequality on Weighted Sequence Spaces

Rahmatollah Lashkaripour,

Journal of Sciences Islamic Republic of Iran Volume: (20) -

52. Extension of Some Operations and Concepts on Intuitionistic Fuzzy Sets

Rahmatollah Lashkaripour

indian journal mathematics mathematical sciences Volume: (5) -

53. Computation of Matrix Operators Bounds with Applying New Extension of Hardy Inequality on Weighted Sequence Spaces I

Rahmatollah Lashkaripour,

Lobachevskii Journal of Mathematics Volume: (30) 40 - 45

2008

54. L-Fuzzy Contractive and t-Uniformly Continuity

Rahmatollah Lashkaripour, R Chobin

International Review of Fuzzy Mathematics Volume: (3) -

2007

55. Lower Bounds for Matrices on Weighted Sequence Spaces

Rahmatollah Lashkaripour,

Journal of Sciences Islamic Republic of Iran Volume: (1) 49 - 56

56. Some Inequalities Involving Upper Bounds for some Matrix Operators

Rahmatollah Lashkaripour,

CZECHOSLOVAK MATHEMATICAL JOURNAL Volume: () 553 - 572

57. Lower Bounds for Summability Matrices on Weighted Sequence Spaces

Rahmatollah Lashkaripour,

Lobachevskii Journal of Mathematics Volume: () 15 - 29

58. Norm and Lower Bounds of Operators on Weighted Sequence Spaces

Rahmatollah Lashkaripour,

Matematicki Vesnik Volume: () -

2006

59. Inequalities involving upper bounds for certain matrix operators

Rahmatollah Lashkaripour,

PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES Volume: () 2006 -

2005

60. Transpose of the Weighted Mean Matrix on Weighted Sequence Spaces

Rahmatollah Lashkaripour

WSEAS Transactions on Mathematics (MSRT BLACKLIST) Volume: () -

61. Singular values and Matrix Entries

Rahmatollah Lashkaripour

Journal of Scientific Research Sciences Engineering University of Sistan and Baluchestan Volume: () -

62. Transpose

Rahmatollah Lashkaripour

Journal of Scientific Research Sciences Engineering University of Sistan and Baluchestan Volume: () -

2004

63. Weighted Mean Matrix on Weighted Sequence Spaces

Rahmatollah Lashkaripour

WSEAS Transactions on Mathematics (MSRT BLACKLIST) Volume: () -

2002

64. Norms of certain operators on weighted L_p spaces and Lorentz sequence spaces

Rahmatollah Lashkaripour

Journal of Inequalities in Pure and Applied Mathematics Volume: (3) 1 - 17

2000

65. Lower bounds of operators on weighted L_p spaces and Lorentz sequence spaces

Rahmatollah Lashkaripour

GLASGOW MATHEMATICAL JOURNAL Volume: (42) 211 - 223

Conferences Papers

2020

1. [More accurate generalizations of Berezin number inequalities](#)

Rahmatollah Lashkaripour, Mojtaba Bakherad, Monire Hajmohamadi

2. [Some generalizations of the numerical radius inequalities](#)

Rahmatollah Lashkaripour, Fatemeh Goli, Monire Hajmohamadi

2018

3. [New generalizations for multivalued mappings in incomplete metric spaces](#)

, Rahmatollah Lashkaripour, Hamid Baghani

2017

4. [Some extensions of numerical radius operator matrices](#)

Mojtaba Bakherad

5. [Some extensions of numerical radius operator matrices](#)

The 3 seminar on operator theory

Rahmatollah Lashkaripour, Mojtaba Bakherad, Monire Hajmohamadi

2009

6. [New Extensions of Hardy's Inequality and Some Inequalities Involving Laplace Transform](#)

Rahmatollah Lashkaripour,

7. [Borel-measure is not complete](#)

Rahmatollah Lashkaripour,

2005

8. [Weighted Schatten Classes \$S_p\(w\(H\)\)\$ and Weighted Nuclear Operators on \$L_p\(H\)\$](#)

Rahmatollah Lashkaripour

2003

9. [Majorization principle and its applications](#)

Rahmatollah Lashkaripour

10. [Norm of Some Matrix Operators on Weighted Sequence Spaces](#)

34 th Iranian Mathematics Conference

Rahmatollah Lashkaripour

2002

[11. Operators on Lorentz Sequence Spaces](#)

12th Seminar of Mathematical Analysis and its Applications

Rahmatollah Lashkaripour

Research Project

2000

[1. Lower bounds and upper bounds of operators on weighted sequence spaces](#)

Rahmatollah Lashkaripour - 2000