CV

Name: SURJIT SINGH KHURANA

Education: Panjab University, India, 1949-1955, B. A. (1953), M. A. (1955),
Univ of Illinois, Urbana, 1964-1968, Ph. D. (1968).

Professional Experience:

Lecturer, Panjab University College, Delhi, 1956-1959.
Lecturer, Delhi University P. G. College, 1959-1964.
Teaching Assistant, Univ of Illinois, 1964-67.
Instructor, Univ of Illinois, 1967-68.
Assistant Professor, Univ of Iowa, 1968-74.
Associate Professor, Univ of Iowa, 1975-79.
Professor, Univ of Iowa, 1979-present.

Publications

1. Measures and barycenters of measures on convex sets in locally convex spaces, J. Math. Anal. Appl. 27(1969) 103-105.

2. Measures and barycenters of measures on convex sets in locally convex spaces II, J. Math. Anal. Appl. 28(1969) 222-229.

3. Characterization of extreme points, J. Lon Math Soc 5(1972) 102-104.

4. Barycenters, extreme points, and strongly extreme points, Math. Ann, 198(1972) 81-84.

5. Measures having barycenters, J. Math Anal Appl, 40(1972), 622-624.

6. Barycenters, pinnacle points, and denting points, Trans Amer Math Soc, 80(1973), 497-503.

7. A vector form of Phillips' lemma, J. Math Anal Appl, 48(1974), 666-668.

8. Extension and regularity of group-valued Baire measures, Bull Acad polon Sc Ser Math Astro Phys, 22(1974) 891-895.

9. Convergent sequences of regular measures, Bull Acad polon Sc Ser Math Astro Phys, 24(1976), 32-42.

10. Extension of exhaustive submeasures, Bull Acad polon Sc Ser Math Astro Phys, 24(1976), 213-216.

11. Lattice-valued Borel measures, Rocky Moutain J Math, 6(1976), 377-382.

12. Weak integration of vector-valued functions, J Indian Math Soc, 39(1975), 155-166.

13. Convergent sequences in L^∞ , Indiana Univ Math J, 25(1976), 77.

14. Extension of total bounded functionals in normed spaces, Math Ann, 217(1977), 155-156.

15. Lattice-valued Borel measures II, Trans Amer Math Soc, 235(1978), 205-212.

16. Strict topology and P-spaces(with S. Choo), Proc Amer Math Soc, 61(1976), 280-284.

17. Toplogies on spaces of vector-valued continuous functions, Trans Amer Math Soc, 241(1978), 195-211.

18. Convergent sequences of τ-smooth measures, Proc Amer Math Soc, 63(1977), 137-141.

19. Strict topology on paracompact locally compact spaces, Can J Math, 29(1977), 137-141.

20. Grothendieck spaces, Ill J Math, 22(1978), 79-80.

21. A note on a paper of J. D. Stein Jr., Proc Amer Math Soc, 67(1977), 74-76.

22. Dunford-Pettis property, J Math Anal Appl, 65(1978), 361-364.

23. A completeness property of function spaces, Gen Top Appl, 9(1978), 239-241.

24. Bounded sequences in L^∞ for vector measures, Houston J Math, 3(1977), 477-479.

25. Vector-valued continuous functions with strict topology and angelic topological spaces, Proc Amer Math Soc, 69(1978), 34-36.

26. A note on Radon-Nikodyn theorem for finitely additive measures, Pac J Math, 74(1978), 103-104.

27. Topologies on spaces of vector-valued continuous functions II, Math Ann, 234(1978), 159-166.

28. Radon-Nikodyn theorem for vector-valued integrable functions, Ann Inst Fourier(Grenoble), 28(1978), 203-208.

29. Submeasures and decomposition of measures, J Math Anal Appl, 70(1979), 111-113.

30. Some remarks on sequences of exhaustive measures and uniform boundedness of measures, Proc Amer Math Soc, 73(1979), 207-208.

31. Strong measurability in Frechet spaces, Indian J Pure Applied Math, 10(1979), 810-814.

32. A topology associated with vector measures, J Indian Math Soc, 43(1979), 119-129.

33. Weak sequential compactness in L_E^∞ and Dunford-Pettis property of L_E^1, Proc Amer Math Soc, 78(1980), 85-88.

34. Pointwise compactness and measurability, Pac J Math, 83(1979), 387-391.

35. Extension of regular Borel measures, Math Nach, 97(1980), 159-165.

36. Weakly compactly generated Frechet spaces, Internat J Mth Sci, 2(1979), 721-724.

37. Extension of positive group-valued Baire measures, Bull Cal Math Soc 71(1979), 361-363.

38. A measure-theoretic proof of Stone-Weierstrass approximation theorem, Proc Amer Math Soc, 79(1980), 564.

39. Pointwise compactness and weakly compact sets in L, Math Zeit, 176(1981), 35-38.

40. Pointwise compactness on extreme points, Proc Amer Math Soc, 83(1981), 347-348.

41. Topologies on spaces of vector-valued continuous functions III, Bull Sci Math, 106(1982), 99-111.

42. Convex-compactness property in certain spaces of measures (joint with S. Othman), Math Ann 279(1987), 345-348.

43. Extensions of certain compact operators, Proc. Amer Math Soc. 102(1988), 268-270.

44. A vector form of Alexanderoff's theorem, Math. Nach. 135(1988), 73-77.

45. Weak compactness in L(1,E), Acta Mathematica Hungarica, 52(1988), 49-51.

46. Grothendieck Measures (joint with S. Othman), Journal London Math. Soc. 18(1987), 481-486.

47. Strict topology and perfect measures (joint with J. Vielma), Czech Math J. 40(1990), 1-7.

48. Grothendieck spaces II. J. Math. Anal. Appls. 159(1991), 202-207.

49. Grothendieck spaces III (joint with J. Vielma), Simon Steven, 67(1993), 81-85.

50. Dunford-Pettis Property II (joint with J. Vielma), Bull. Malaysian Math. Soc., 16(1993), 33-38.

51. Extensions of Group-valued regular Borel measures II, J. Indian Math. Soc., 59(1993), 207-214.

52. Completeness and sequential completeness in certain spaces of measures, Math. Slovaca, 45(1995), 163-170

53. Weak sequential convergence and weak compactness in spaces of vector valued continuous functions(joint with J. Vielma), Math. Anal. Appls., 195(1995), 251-260.

54. Vector-valued uniformly continuous functions and uniform measures(joint with J. Aguayo), Analele Universitatii Bucaresti, Seria Matematica , XLV(1996), 17-23.

55. Vector-valued continuous functions and nuclear spaces, Proc. Tennessee Topology Conference, University of Nashville (1995), Eds. P. R. Misra, M. Rajagopalan, World Scientific, 1997, Pp. 95-97.

56. Spaces of Measures as Mackey Completions (joint with L. Zurlo), J. Math Anal. Appls., 229(1999), 93-104.

57. Vector-valued uniform measures, "Publicationes Mathematicae Debrecan " , 55(1999), 73-82

58. Vector-valued free uniform measures (joint with Maria colasante), "Atti del Seminario Matematico e Fisico dell' Universita di Modena" , XLVII(1999), 429-439.

59. Strict topologies as topological algebras, Czech. Math. J., 51(126) (2001), 433-437.

60. Dieudonne property, Mathematica Slovaca, 52(2002), 549-553.

61. Approximation of measurable mappings by sequences of continuous functions, Proc. Amer. Math. Soc., 131(2003), 937-939.

62. Weak compactness of certain sets of measures, Proc. Amer. Math. Soc.,131 (2003), 3251-3255.

63. Unconditionally converging operators on $C_0(X_0)$, Mathematica Slovaca 55(2005), 249-252.

64. Measures with τ-smooth marginals, Indian Journal of Pure and Applied Mathematics, 36(2005), 169-175 (published by Indian National Academy of Sciences).

65. Positive vector measures with given marginals, Czhechosolvak Mathematical Journal, 56(131) (2006), 613-619.

66. Lattice-valud positive measures with given marginals, Publicationes Mathematicae Debrecen, 70(2007), 195-202.

67. Vector measures in topological spaces, Georgian Math. J., 14(2007), 687-698.

68. Weak compactness of vector measures on topological spaces, Publ. Math. Debrecen, 72(2008), 69-79.

69. Order-bounded sets in locally convex Riesz spaces, Note di Matematica, 28(2008), 127-131.

70. Product of Lattice-valued measures on topological spaces Math. Slovaca, 58(2008), 309-314.

71. Order convergence of vector measures on topological spaces, Mathematica Bohemica (published by the Institute of Mathematics of the Academy of Sciences of the Czech Republic), 133(2008), no. 1, 19-27.

72. Quasi-Mackey Topology, Proyecciones Journal of Mathematics, 26(2007), 251-255.

73. Product of vector measures on topological spaces, COMMENTATIONES MATHEMATICAE UNIVERSITATIS CAROLINAE, 49(2008), 421-435.

74. Lebesgue topology on $L^\infty(X, E')$, Indian Journal of Mathematics, 50(2008), 401-405.

75. Product of Uniform Measures, Ricerche di Matematica, 57(2008), 203-208.

76. Lattice-valued Borel measures III, Archivum Mathematicum, 44(2008), 295-304.

77. Integral Representations for a class of Operators, J. Math. Anal. Appls., 350(2009), 290-293.

78. A note on measure extension problem of L-group-valued measures, Tatra Mountains Mathematical Publications, 42(2009), 1-3.

79. Weak-compactness of some tight vector measures of bounded variations, Mathematical Communications, 14(2009), 283-286

80. Weakly Compact Operators Into Continuous Function Spaces, Indian Journal of Mathematics, 52(2010), 25-30.

81. Modulus of lattice-valued measures, ACTA MATHEMATICA UNIVERSITATIS COMENIANAE 79(2010), no. 2, 225-230.

82. Integral Representations for a class of Operators on L^1_E, Real Analysis Exchange, vol 36(2), 2010/2011, pp. 417-420.

83. A vector form of Aleksandrov's theorem for normal topological spaces, Journal of Advanced Mathematical Studies (accepted April 21, 2011: 4(2011), Number 2, pp. 33-40.

84. A decomposition of bounded weakly measurable functions, Tatra Mountains Mathematical Publications, 49(2011), 1-4.

85. Eberlein Compactness, The Rocky Mountain Journal of Mathematics (accepted July 21, 2011).

86. A note on multiplication operators on Kothe-Bochner spaces, Acta Mathematica Universitatis Comenianae, 81(2012), no. 1, 141-142.

87. Weakly compact sets in $L^\infty(E)$, Journal of Functional Analysis, 263(2012), 1098-1102.

88. Krein-Smulian type theorems, Edinburgh Math. Soc., (Accepted May 30, 2013).

(+ Several more papers submitted)

PH. D. THESES SUPERVISION

In 1972, CARL GRANT LOONEY, thesis title 'Extremal structure of certain convex sets in locally convex spaces'.

In 1976, SEKI CHOO, thesis title 'Strict topologies on spaces of continuous vector-valued functions'.

In 1986, JORGE VIELMA-BARRIOS, thesis title 'vector-valued perfect measures and strict topologies'.

In 1986, JOSE AGUAYO-GARRIDO, thesis title, 'uniformly continuous vector-valued functions and uniform measures'.

In 1987, SADOON OTHMAN, thesis title, 'Grothedieck measures'.
27
In 1995, LUIS ZURLO, thesis title, 'Completely Grothedieck measures'.

In 1997, MARIA COLASANTE-PAEZ, thesis title, 'Vector-valued free uniform measures'.

TEACHING:

I have been teaching all level courses from freshmen level to very advanced Ph. D. level. Besides this some students take reading courses from me. Also I arrange weakly seminars to discuss new developements in my areas of research. In the Fall 2000, I taught two graduate courses 22M: 313 and 22M: 118; in Spring 2001, I am teaching 22M: 314 and 22M: 26. In Fall 2001, I taught 22M: 15, a class of more than 300 students. In the Fall of 2002, 2003 and 2004, I taught 22M: 25 (two sections). In Spring 2005, I taught 22M: 15 and in Summer 2005, I taught 22M: 26. In Fall 2005, I taught a vey big class of 360 studets in 22M: 15; presently I am teaching 22M: 15 (about 120 students class). In In Fall 2006, I taught a vey big class of 420 studets in 22M: 15; In Spring 2007, I taught 22M: 15 (about 150 students class). From 2007 to present 2011, I have taught courses, 22M: 100, 22M: 118 22M: 34, 22M: 37, 22M: 25, 22M: 26.

SERVICE

In the past, I have served on Engineering College Review Committee and Dept. of Asian languages Review Committee. I have administered foreign language exam (Panjabi language, my mother tongue) for some students in the college of Liberal Arts. In the Math. dept., I have served on almost all committees including, ETE Committee, Salary Committee, Undergraduate Committee, Graduate Committee, and Ph. D. Comprehensive exam. Committee. I have been on the Ph. D. final exam Committees of several students both in Math dept. and outside math dept. I was, also, a meber of Graduate Committee and VIGRE Curriculum Committee.

Also:
(i) I have been a member of Judicial Commission (University Faculty Senate Committee) for 6 years upto 2008. Presently I am a member of Judicial Commission for 2011-2013.
(ii) I am a member of Teaching Evaluation Committee In Math. Dept. for 3 years upto 2010
(iii) In Oct 2008, I gave a talk, titled "Measure Theory in the context of Functional Analysis", in the First year Seminar for Grdaute Students.
(iv) on Oct 9, 2009, I gave a talk, titled "Measure Theory and Topology", in the First year Seminar for Grdaute Students.
(v) on Sep. 17, 2010, I gave a talk, titled "Measure Theory, Topology and Functional Analysis", in the First year Seminar for Grdaute Students.
(vi) On Oct 14, 2011, I gave a talk, titled "Measure Theory in the context of Functional Analysis", in the First year Seminar for Grdaute Students.
(vii) I am a member of Faculty Assembly in 2011-12.

In Aug 2003, Jan 2004 and Jan 2005, Prof Radulasku, a member Ph. D. Compehensive exam committee in Analysis, was in Europe. I , along with Prof. Jorgensen, supervised and graded Ph. D. Compehensive exam in Analysis. Again in Jan. 2006, I , along with Prof. Jorgensen, supervised and graded Ph. D. Compehensive exam in Analysis.

As a member of these committees, I have to attend lot of meetings, write many reports, write and grade Ph. D. Compehensive exams.

Invitations to give lectures

I get many invitations to give talks and lectures but due to some food restrictions I went to only a few of them.

I. I was invited, with all expenses paid, by the Mathematics Department of the University of Los Andes, Merida, Venezuela, for the week Oct 25–Oct29, 2004, to give lectures. I gave several lectures in that week in that University.

II. On April 27, 2005, I got the following email, inviting me to give lectures at Shaanxi Normal University Xi'an, Shaanxi 710062, P.R.China:

From: "jianhua wu" ¡jianhuaw@snnu.edu.cn¿
Date:Wed, 27 Apr 2005 20:34:31 +0800
To: "khurana" ¡khurana@math.uiowa.edu¿

Surjit S Khurana
Department of Mathematics
University of Iowa, Iowa,USA

Dear Dr.Surjit S Khurana I am glad to invite you to visit my university one week beginning at any time this year at your convenience, and hope you to give a talk during your visit. I can give a partial support to cover your local expenses. I hope you can accept this offer, and if you have any problem, please don't hestate to tell me.

Sincerely, Jianhua WU
Professer and Dean College of Mathematics and Information Science
Shaanxi Normal University Xi'an, Shaanxi 710062, P.R.China

III. On Feb. 20, 2007, got the following email from: jwilliams@Tnstate.edu. I intend to go to the conference and give a talk.

Dr. Surjit Singh Khurana

Tennessee State University will host the National Association of Mathematicians Regional Conference, March 30 -31, 2007. We are inviting you to be one of our speaker at this conference. Each presentation should last no longer than 45 minutes.

This conference is supported by a grant that will reinburst the speakers up to $400 for expenses. If you will be able to participate please email the information attached as soon as possible. We are planning to post the schedule activities on the NAM website shortly.

Your support in this effort is greatly appreciated.

Sincerely,

Dr. Jeanetta Jackson, Professor of Mathematics Tennessee State University, 3500 John Merritt Blvd, Nashville, Tennessee 37209, Phone: 963-5869, Email: jwilliams@tnstate.edu

I attended and gave a talk on march 30, 2007

IV I had submitted a paper to be presented for:
"The Hawaii International Conference on Statistics, Mathematics and Related Fields (January 17 to January 19, 2007)" and I got the following email from them (they accepted it) but it was very expensive–between $2000 to $2500 (the dept gives max. $500); **so I did not go.**

From: statistics@hicstatistics.org Saturday, September 30, 2006

Surjit Singh Khurana, Prof. Departemt of Mathematics Univerisity of Iowa Iowa City IO 52242

Dear Surjit Singh Khurana, Prof.: Congratulations! The Hawaii International Conference on Statistics, Mathematics and Related Fields is pleased to inform you that your submission, Lattice-Valued Vector Measure, will be scheduled for presentation at the 2007 Hawaii International Conference on Statistics, Mathematics and Related Fields to be held from January 17 to January 19 in Honolulu, Hawaii. The exact time and room of your session will be specified in the final program. The program will be available at
http://www.hicstatistics.org/program_stats.htm by December 2006. Please note that everyone who participates in the conference must register. If, by December 12, 2006 we do not receive your registration either by Online Registration, by Regular Mail-in- Registration or an E-mail confirming your attendance at the conference, we will automatically schedule you for a poster session. For more information about hotel reservations
and registering see http://www.hicstatistics.org

Your submission will be included in the Proceedings if you follow the enclosed instructions or visit our webpage at
http://www.hicstatistics.org/Proceedings_Stats.htm for more details. We do encourage you to purchase your air tickets, reserve your hotel rooms, and submit the enclosed registration form and registration fee as soon as possible if you have not done so. If you have co-authors, please inform them of this acceptance and the enclosed materials. Your Submission ID Number is STM # 179. Please refer to this number on all correspondence. Congratulations on having your submission scheduled

in the program! Your participation will help make the 2007 Hawaii International Conference on Statistics, Mathematics and Related Fields a great success. Aloha and Congratulations,

Andrew Burge
Conference Coordinator
Hawaii International Conference on Statistics, Mathematics and Related Fields

V Invited to NSF/CBMS conference on Numerical Methods for Nonlinear Elliptic Equations University of Iowa, May 21 – 25, 2007
On May 24, 2007, I gave a 30 minutes talk. The title of my talk was "Stone-Weierstrass theorem and its extensions".

VI On 6/9/2009, I got the invitation: Dear Prof.Khurana,

It would be a pleasure and honor for IASME and its Conferences if you could deliver an Invited Talk (Invited Paper) in any of the following IASME conferences (organized by IASME, WSEAS, and 8 collaborating universities: Best Regards

VII On 7/11/2007, I got the invitation: Dear Sir: We are pleased to inform you that an International Conference on Frontier of Mathematics & Applications

(ICFMA-2008A) is being organized under DRS(Phase III) during January, 16-18, 2008 in our department. Under this circumstance we would like to request you to deliver an invited lecture. Please let us know your consent as an invited speaker at your earliest convenience at the conference pplications (ICFMA-200)8

Your cooperation is highly solicited.

With kind regards,

Yours sincerely, Dr. G. C Layek Dr. M. Saha Conveners

Department of Mathematics The University of Burdwan Burdwan-713104, West Bengal, India

VIII On 09/24/2010, I got the following invitation: International Conference on Mathematics of Date http://pphmj.com/index.php?act=show_conference&menu_
December 31, 2010-January 04, 2011 Organized by: Pushpa Publishing House, Allahabad, INDIA

To Professor Surjit Singh Khurana Department of Mathematics University of Iowa Iowa City, IA 52242 U. S. A.

Dear Professor Khurana,

It is a pleasure to inform you that the PPH is holding of a five-day "International Conference on Mathematics of Date" at Allahabad, India during December 31, 2010-January 04, 2011. We shall be happy and encouraged if you could consider our invitation to grace the occasion by attending the Conference and presenting a talk/paper in the field of your interest. The program of the conference will be divided into the following sections:

1. Recent developments in Algebra, Analysis and Topology having inclination towards application in the present day technology 2. Potential areas in applied mathematics and their impact 3. Development of wavelets in recent past both in theory and application 4. Need based evolution of Mathematical Concepts in Fuzzy Setting 5. Mathematical Modeling 6. Computational Methods 7. Advances in Theoretical Statistics 8. Applied Statistics

PROGRAM: 45-minute Plenary talks (Invited), 30-minute Invited talks and 10-minute paper presentations will be presented at the Conference. The languages of the conference is English. Abstracts of talks and papers to be presented will be published in advance.

Dear Professor Khurana,

MANY THANKS for your great support until now and your enthusiastic comments After our CSCC in July (1400 submitted papers – see photos http://www.wseas.us/reports/2010/corfu2010.htm) we have a great multiconference in December EURO-SIAM ——————————————————-

IX On 2/8/2010 I got the following invitation:
Dear Dr. Khurana, I am writing on behalf of the research seminar committee, in the Math department here at Tennessee State University, to invite you to speak in our lecture series. We host lunchtime seminars on Thursdays at 11:30, on topics of general interest to students and faculty from varied specialties. We would love to have you visit to tell us about some of your research on vector valued measures, or on any other research topic you choose. Dr. Rajagopalan has recommended you as a speaker, and would like to host your visit. We have sufficient funding to cover your entire trip. Simply make an estimate (airfare, lodging, food etc,) and we should be able to cover it with a good margin plus an honorariumthe payment will be as a lump sum rather than reimbursement. The date we are hoping you can speak on is April 8th, 2010. Please let me know if you are able to come at this time. Also let me know how long you might like to visit, so I can begin a funding estimate. Thanks, Stefan Forcey Chair, seminar committee.

I Invited Prof. M. Rajagopalan for Collo. Talk in our Dept.
I invited Professor M. Rajagopalan, Tennessee State University, Nashville; He gave a Colloquium Talk on Oct. 12, 2006. Title of his talk was "Shift Operarors in Banach Spaces".

Refereeing Work

I have refereed paper for several journals including, Proc Amer. Math. Soc., Trans. Amer. Math. Soc., Journal of Functional Analysis, Journal of Australian Math. Soc., Tamkung J. Math, and J. Math Anal Appls. More recently I have refereed the followings:

In July, 2006, I refereed the following paper for MATHEMATICA SLOVACA: S. Lahrech: Banach-Steinhaus properties of strictly $\mathcal{N}$-locally convex spaces based on the principle of uniform boundedness (On July 14, I sent the following email:
Dear Prof. (Dr) Miloslav Duchon (Editor Mathematica Slovaca) Greetings. I am attaching my report, in 'pdf" format, on the paper: vS. Lahrech: Banach-Steinhaus properties of strictly $\mathcal{N}$-locally convex spaces based on the principle of uniform boundedness. With warmest regards, Surjit Singh Khurana)

I referred a paper, 'Notes on the projective limit theorem of Kolmogorov', by Heinz Konig, for the journal POSITIVITY. The report was mailed December 31, 2009. The following response was received on DEc. 31, 2009:
POSITIVITY
"Dear Professor Khurana,
Thank you for your review of the manuscript POST-3174 for POSITIVITY. We greatly appreciate your assistance.
With kind regards,
The Editorial Office POSITIVITY".

I referred a paper, "Measure and Integration: The Basic Extension Theorems" 'Notes on the projective limit theorem of Kolmogorov', by Heinz Konig, for the journal POSITIVITY. The report was sent July 19, 2010.

I referred a paper, S. Maghsoudi, R. Nasr-Isfahani, "The strict topology on discrete Lebesgue spaces", for the journal ' Acta Mathematica Sinica '. The report was sent on Aug. 3, 2010.

I referred a paper, N. D. Macheras, W. Strauss, "Various product for Lebesgue densities" for the journal POSITIVITY. The report was sent August 19, 2010.

I referred a paper, S. Maghsoudi, A. Rejali: "Unbounded weighted Radon measures and dual of certain function spaces with strict topologies" for the "Bull. Malays. Math. Soc." The report was sent Feb. 16, 2011.

I referred a paper, L. Meziani, S. M. A. Aslulami: " Integral representations in Banach spaces" for the "Journal of Mathematics." (Hindawi Publishing Corp.) The report was sent Sep. 7, 2012.

I referred a paper, Heinz Konig, MEASURE AND INTEGRATION: THE BASIC EXTENSION AND REPRESENTATION THEOREMS IN TERMS OF NEW INNER AND OUTER ENVELOPES, Indagationes Mathematicae, The report was sent Oct. 17, 2012.

I referred a paper, Khan Liaqat, Alsulami, Saud "Multipliers of Commutative F-Algebras of Continuous Vector-valued Functions" for Bulletin of the Malaysian Mathematical Sciences Society, The report was sent Nov. 7, 2012.

External Reviewer for the promotion and tenure of Dr Jasang Yoon:
On July 26, 2010, I, as a external Reviewer for the promotion and tenure of Dr Jasang Yoon, sent my report to Dean Edwin LeMaster, Dean College of Science and Engineering,The University of Texas Pan American, Edinburgh Texas.

In the years 2001-2010, I did the reviews of the following papers for Mathematical Reviews and Zentralblatt fur Mathematik:

Reviewing Work done for MATHEMATICAL REVIEWS:

1). Kawabe, Jun, Compactness criteria for the weak convergence of vector measures in locally convex spaces. Publ. Math. Debrecen 60

(2002), no. 1-2, 115–130. (Aug. 2002).

2). Roth, Walter, ral representations for continuous linear functionals in operator-initiated topologies. Positivity 6 (2002), no. 2, 115–127. (Sep. 2002)

3). Thang, Dang Hung ; Thinh, Nguyen, Random bounded operators and their extension, Kyushu J. Math. 58 (2004), no. 2, 257–276.(submitted May 9, 2005)

4. Shin Asahina, Kenta Uchino, Toshiaki Murofushi, Realtionship among continuity conditions and null additivity conditions in non-additive measure theory, Fuzzy Sets and Systems, 157(2006), 691-698. (for Math. Reviews), sent Aug 8, 2006.

5. Marain Nowak, Order compact operators from vector-valued function spaces to Banach spaces, Proc AMS 135(2007), 2803-2809. (sent Sep 21, 2007 in Latex to Math Reviews)

6. Juan Antonio Cuesta-Alberto, Ricardi Fraiman, Thomas Ransford, A sharp form of Cramer-Wold theorem, J. Theor Probab, 20(2007), 201-209 (sent Oct 4, 2007 in Latex to Math Reviews).

7. Konig, New version of the Daniell-Stone-Riesz representation theorem, Positivity, 12(2008), 105-118 (sent Sep. 2, 2008 in Latex to Math Reviews)

8. Cheng, Lin, Lan,liu, Measure theory of statistical convergnce, Science in China Seires A: Mathematics, Dec 2008, v. 51, n0. 12, 2285-2303 (in Latex, sent May 27, 2009 to Math. Reviews).

9. Keicher, Vera, Almost periodicity of Schochastic operators on $\ell^1(N)$, Tbillisi Math. J., 1(2008), 105-131 (in Latex, sent March 16, 2010 to: Math. Reviews).

10. N. D. Macheras, W. Strauss, Lifting topologies for primitive liftings II, Atti, Sem. Fis Univ. Modena Reggio Emillia, 56(2008-2009), 1-30 (sent August 17, 2010, in Latex, to MR)

11. John Herron, Weighted conditional expectation operators, Operators and Marices, 5(1) (2011), 107-118 (sent Oct. 19, 2011, in Latex,

to Math. Reviews).

12. Carmen Vlad, Topological Aspects of the Product of Lattices, Internat. J. Math and Mathematical Sciences, v. 2011, Article ID 920737, 9 pages (sent March 16, 2012, in Latex, to Math. Reviews).

Reviewing Work done for ZENTRALBLATT FUR MATHEMATKI

1). Di Jizheng, Multivariate vector-valued measure. J. Math. Study 34 (2001), no. 4, 329–338. 28Bxx, (Sep. 2002).

2). Frerick Leonhard; Vogt Dietmar, Analytic extension of differentiable functions defined in closed sets by means of continuous linear operators, Proc. Amer. Math. Soc., 130, No. 6, 1775-1777 (2002). (Dec, 2002).

3). Korobeinik, Yu. F, Absolutely representing systems of exponentials in the spaces of infinitely-differentiable functions and extendability in the sense of Whitney,
Turkish J. Math, No. 4, 503-517 (2001) (Dec, 2002).

4). Bagchi, Bhaskar; Bhattacharyya, Tirthankar; Misra, Gadadhar Shorttitle: Some thoughts on Ando's theorem and Parrott's example. Source: Linear Algebra Appl. 341, No.1-3, 357-367 (2002). [ISSN 0024-3795] (Jan. 2003).

5). Benabdellah, Houcine; Castaing, Charles: Weak compactness and convergences in $L^1_{E'}[E]$: Adv. Math. Econ. 3, 1-44 (2001) (Jun 2003).

6). Ferrando, J. C.; Lopez-Pellicer, M. :Complemented copies of c_0 in $C_0(\Omega)$: RACSAM, Rev. R. Acad. Cienc.Exactas Fis. Nat., Ser. A Mat. 95, No. 1, 13-17 (2001).

7). Sirotkin, G.G. : New properties of Lebesgue-Bochner $L_p(\Omega, \Sigma, \mu; X)$ spaces. Houston J. Math. 27, No.4, 897-906 (2001).

8). H. Bustos Domecq: Vector-valued invariant means revisited. Source: J. Math. Anal. Appls. 275(2002), 512-520 (Sep 10, 2003).

9). Heo, Jaeseong, A Radon-Nikodym theorem for completely positive multilinear maps and its applications. Source: Math. Proc. Camb.

Philos. Soc. 132(2002), 181-192 (Sep. 12, 2003).

10).Villanueva, Ignacio, Measures on the product of compact spaces, Monatsh. Math. 137, No. 2, 167-172 (2002). (Aug 2003)

11). Frerick, Leonhard, Extension operators for spaces of infinitely differentiableWhitney functions, Wuppertal: Bergische Univ. Wuppertal Fachbereich Mathematik (Habil) 47 p. (2001) (Submitted March 2004).

12). Oscar Blasco, Gregoro Pablo, Lorentz spaces of vector-valued measures, J. Lon. Math. Soc. (3) 67 (2003) 739-751. (Aug 2004)

13). von Weizsacker, H., Smolyanov, O. G., Relations between smooth measures and their logrithmic gradients and derivatives (Russian), Dokl. Akad. Nauk., 369 (1999), no. 2, 158-162 (sumitted Dec. 2004).

14). Uglanov, A. V., On measures in locally convex spaces, High dimensional probability III, Third international conference on high dimensional probability, Sandlberg, Denmark, June 24-28, 2002 (sumitted Dec. 2004).

15). Cascales,B., Rodriguez, J., Birkoff integral for multi-valued functions, J. Math. Anal. Appls., 297(2004), 540-560. (sent March 24, 2005).

16). A. Castejon, E. Corbacho, V. Tarieladze, On Continuity of General Exhaustive Set Functions, Vietnam J. Math, 31:4 (2003) 465-473. (Sent April 7, 2005)

17). Fremlin, D.H.; de Pagter, B.; Ricker, W.J., Sequential closedness of Boolean algebras of projections in Banach spaces, Stud. Math. 167, No.1, 45-62 (2005) (sent July 11, 2005, in Latex)

18). R. Tahata, Weak convergence of measures on the union of Hausdorff spaces, Scien. Math. Japon., 60(2004), 429-435 (sent Oct. 14, 2005, in Latex).

19). Jocic, Danko R., Cauchy-Schwartz norm inequalities for weak*-integral of operator-valued functions, J. Funct. Analy., 2182005), 318-346, (sent on Dec 13, 2005, in Latex).

20). Oltra, S., Sanchez Perez, E. A., Valer O., Spaces $L_2(\lambda)$ of a positive vector measure *lambda* and its generalized Fourier coefficients, Rock. Moun. J. Math., 35(2005), 211-225. (sent Feb 23, 2006, in Latex)

21). Swartz, Charles, Polynomially bounded operators and bounded products, East-West J. Math. 6, No. 1, 85-90 (2004). (sent July 15, 2006)

22). Luis M Garcia-Raffi, Damian Ginester, Enrique A. Sanchez Perez, Vector measures orthogonal systems and self-weighted Functions approximation, Publ. RIMS, Kyoto Univ., 41 (2005), 551-563. (sent July 24, 2006)

23). L. M. Garcia-Raffi, E. A. Sanchez Perez, J. V. Sanchez Perez, Commutative sequences of integrable functions, best approximation with respect to weighted vector measure distance, InteConference on Frontier of Mathematics Applications Integral Equ. Oper. Theory, 54(2006), 495-510. (sent Aug 24, 2006).

24). J. Kawabe, Fuzzy Sets and Systems, 157(2006), 2762-2770 (sent Dec 7, 2006)

25). Robert Beukema, Maximality of positive operator-valued measures, Positivity, 10(2006), 17-37. (sent Dec 20, 2006)

26). Kevin A. Grasse, Mapping properties that preserve convergence in measure on finite measure spaces, J. Math anal Appls., 326(2007), 1116-1123. (sent March 9, 2007)

27). Matyas Barczy, Gyula Pap, Portmanteau theorem for unbounded measures, Statistics and Probability Letters, 76(2006), 1831-1835. (sent March 16, 2007)

28. Butler, S. V., Extreme toplogical measures, Fund. Math 192(2006), 141-153. (sent May 15, 2007)

29. Andrew Bakan, Stephan Ruscheweyh, Representation of measures with simultaneous polynomial denseness in $Lp(R, d\mu), 1 \leq p < \infty$, Ark. Mat., 43(2005), 221-249. (sent May 17, 2007)

30. Kawabe, Jun, Fuzzy Sets and Systems, 158(2007), 50-57. (sent May 30, 2007)

31. Vogt, D., A nuclear Frechet space of C^∞- functions which has no basis, Note de Matemica 25 (225/2006), 187-190. (sent June 4, 2007 in Latex)

32. B. Cascales, V. Kadet, J. Rodriguez, The Pettis integral for multi-valued functions via single-valued ones, J. Math Anal Appl. 332(2007), 1-10 (sent July 5, 2007).

33. Chentsov, A. G., The nonsequential approximate solutions in problems of asymptotic anaysis, Soochow Journal of Mathematics, No 3, pp. 441-475, July 2006 (in Latex, sent Aug. 1, 2007).

34. Lou, Manli, Wen, Shengyou, Wu, Min, Two examples on atomic doubling measures, J. Math. Anal. Appl., 333(2007), 1111-1118 (in Latex, sent Aug. 20, 2007).

35. Andriy Yurachkivsky, Random linear funtionals arising in stochastic integration, Acta Appl. Math. 97(2207), 353-362 (in Latex, sent to zentralblatt Dec 24, 2007).

36. Yves Hupperts, Michel Willem, On the representation theorems of Riesz and Schwartz, Bull Belg. Math. Soc., 13(2006), 435-440 (sent to zentralblatt Dec 27 , 2007, in ams Latex).

37. Flavia Ventriglia, Cafiero and Brooks-Jewett for Vitali spaces, Ricerche.mat , 56(2007), 209-216 (sent to zentralblatt Apr 15 , 2008, in ams Latex.)

38. G. Maso, A. DeSimone, M. Mora, M. Morini, Time-dependent system of generalized Young measures, Networks and Heterogeneous Media (American Institute of Mathematical Sciences), 2(2007), 1-36 (sent June 18, 2008 in Latex to ZentralBlatt).

39. Y. Zhu, Jian Yu, S. Xiang, Ametric on metric on the space of finite measures with applications to fixed point theory, Applied math

Letters 21(2008), 489-495, (sent June 24, 2008 in Latex to ZentralBlatt)

40. P. Siwek, Continuous linear functionals on the space of Borel vector measures, Annal. Polon. Math., 93.3(2008), 199-209. (sent Oct. 2 , 2008 in Latex to ZentralBlatt)

41. Golet, Ioan, On generalized random metric spaces, Analele Univ. Oradea, 13, 151-162 (2006) (sent Nov. 3 , 2008 in Latex to Zentral-Blatt)

42. A. Bakan, Representation of measures with simultaneous polynomial denseness in $L_p(R, d\mu), 0 \leq p < \infty$ and its applications to determinate moment problems, Proc AMS, 136(2008), 3579-35-89 (sent Zentral in Latex, Feb 11, 2009).

43. I. Antoniou, C. Karanikas, S. Shkarin, Decompositions of spaces of measures, Infinite Dimensional Analysis, Quantum Probability, and Related Topics, 11(2008), 119-126. (sent April 23, 2009).

44. Sandiago Boza, Javier Soria, Rearrangemnet transformations on measure spaces. Indag. Math., N.S., 19(2008), No. 1, 33-51 (in Latex, sent Oct 28, 2009 to: Zentralblatt).

45. Sander C. Hille, Daniel T. H. Worm, Embedding of Semigroupss of Lipschitz mapsinto positive linear semigroups on ordered banach spaces generated by measures, Integral Equations and operators Theory 63(2009), 351-371. (in Latex, sent Jan. 15 , 2010 to: Zentralblatt).

46. Y. S. Liang, Box dimensions of Riemann-Liouville fractional integrals of continuous functons of bounded variations, Nonlinear Analysis, 72(2010), 4304-4306 (sent June 8, 2010 in Latex to ZentralBlatt).

47. Jan Haluska, Ondrej Hutnik, The general Fubini theorem in complete Bornological locally convex space, Banach J. Math. Anal. no 2, 4(2010),53-74. (sent August 4, 2010, in Latex, to ZentralBlatt).

48. N. U. Ahmed, 'Topological dual of $B_\infty(I, \mathcal{L}_1(X, Y)$ with application to Stochastic systems on Hilbert space', Discussiones Mathematicae, Differtial Inclusions, Control and Optimization, 29(2009), 67-90. (sent Nov. 4, 2010, in Latex, to ZentralBlatt).

49. Man-Li Lou, Min Wu, Doubling measures with Doubling continuous part, Proc. Amer. math. Soc., 138(2010), 3585-3589. (sent Dec. 9, 2010, in Latex, to ZentralBlatt)

50. A. Fernandez, F. Mayoral, F. Naranjo, E. A. Sanchez-Perez, Lattice isomorphism between spaces of integrable functions with respect to vector measures, , J. Operator Theory, 65: 2(2011), 451-470, (in Latex, sent April 27 , 2011 to: Roumanian Unit Zentralblatt Math.).

51. N. U. Ahmed, 'weak compactness in the space of operator valued mesaures', Publ. Math. Debrecen, 77/3-4, 399-413. (sent June 8, 2011, in Latex, to Debrecen Hungary unit ZentralBlatt)

52. P. Saab, M. A. Robdear, 'Vecor measures of bounded semivariation and associated convolution operators', Glasgow Math. J., 53(2011), 333-340. (sent June 13, 2011, in Latex, to ZentralBlatt).

53. K. Feledziak, M. Nowak, integral representation of linear operators on Orlicz-Bochner spaces, Collect. Math. 61, 3 (2010), 277-290, (sent Oct. 7, 2011, in Latex, to Zentralblatt)).

54. D. Repovs, M. Zarichnyi, Convex hyperspaces of probability measures and extensors in asymptotic category, Topology and its Applications, 158(2011) 1571-1574 (sent Oct. 12, 2011, in Latex, to Zentralblatt)).

55. Badger, Matthew, Harmonic polynomials and tangent measures of harmonic measures, Rev. Mat. Iberoamericana, 27(2011), no. 3, 841-870 (sent Dec. 28, 2011 to ZentralBlatt in Latex)

56. Krupski, G. plebanek, "A dichotomy for convex spaces of probability measures, Topology and its applications 158(2011) 2184-2190" (sent Jan. 9, 2012 to ZentralBlatt in Latex)

57. Jan Haluska, Ondrej Hutnik, On integrable functions complete Bornological locally convex spaces, Mediterr. J. Math. Anal., 9(2010), 165-186. (sent July 9, 2012 to ZentralBlatt in Latex)

58. A. Takatsu, T. Yokota, Cone structure of L^2-Wasserstein spaces, Journal of Topology and Analysis, 4(2012) no. 2, 237-253. (sent Nov. 21, 2012 to ZentralBlatt in Latex)

59. M. Beiglbock, A. Pratelli, Duality of rectified cost functions, calc. Var., 45(2012), 27-41. (sent Dec. 4, 2012 to ZentralBlatt in Latex)

60. T. Rajala, Interpolated measures with bounded density in metric spaces satisfying the curvatures-dimension conditions of Sturm, J. Funct. Anal., 263(2912) 896-924 (sent Mar. 8, 2013 to Zentral.)

61. A. Aviles, G. Plebanek, J. Rodriguez, On Baire measurability in spces of continuous functions, J. Math. Anal. Appls, 398(2013), 230-238 (sent Mar. 14, 2013 to ZentralBlatt in Latex)

62. Svistula, Marina, On the setwise convergence of signed topological measures, Arch. math, 100(2013), 191-200 (sent May 20, 2013 to ZentralBlatt in Latex)

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Ph. D. Theses Final exam. Committees:

In the year 2001-2002, I served on the Ph. D. final exam Committee of Mr Smith, a student of Prof. Dan Anderson , and Mr Beaugris, a student of Prof. Robert Oehmke.

Also I served on the Ph. D. Theses Final exam. Committees of the following students:

Jasang Yoon, July 10, 2003, Adviser R. Curto

Gavin Water, July 11, 2003, Adviser Lihe Wang

Myung-Sook Ahn, July 11, 2003, Adviser Dan Anderson

Chihiro Oshima, July 14, 2003, Adviser George Nelson

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Myung-Sin Song, July 11, 2005 Adviser Pale Jorgensen

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Scott Michael Taylor, June 28, 2007, Adviser Jorgensen

Sujin Kim, June 23, 2008, Adviser Jorgensen

Leonida Ljumanovic, July 17, 2008, Adviser George nelson

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Feng Tian, April 12, 2011, Adviser Jorgensen

Cecil Flournoy, July 14, 2011, Adviser Richard Baker

Ph. D. Comprehensive exams:
On Dec. 9, 2010, I, as a member, participated in the Ph. D. Comprehensive exam of Goertzen, Corissa (Adviser: Palle Jorgensen)

On April 4, 2011, I, as a member, participated in the Ph. D. Comprehensive exam of Marsh, Benjamin D (Adviser: Palle Jorgensen)

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Reading Courses:
In Fall 2002, Ann Eun-mee Yoon took the course 22M: 199 from me.

In Spring 2002, Gabriel Ilori took honors in the course 22M: 15 which I taught.

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In Summer 2003, Ann Eun-mee Yoon took the course 22M: 199 from me.

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Courses taught in the last 6 years:

Semester/Year	Advisses		Courses Taught	
	Undrgrad	Graduate	Course # (Enroll)	Course # (Enroll)
Spring 2012	5		22M: 55 (32) Fd. Pr. Sps. Fucs.I	22M: 56 (22) Fd. Pr. Sps. Fucs.II.
Fall 2011	5		22M: 034 (28) Diff. Equations	22M: 055 (30) Fund Prop. Sps. Funcs. I
Spring 2011	5		22M: 28 (30) Calculus III	22M: 34 (28) Diff. Equs.
Fall 2010	5		22M: 034 (20) Diff. Equations	22M: 034 (25) Diff. Equations
Spring 2010	5		22M: 33 (53) Engin. Math III	22M: 100 (30) Diff. Equs.
Fall 2009	5		22M: 118 (15) Complex variables	22M: 25 (45) Calculus I
Summer 2009	5		22M: 25 (25) Calculus I	
Spring 2009	5		22M: 37 (48) Engin. math V	22M: 25 (45) Calculus I
Fall 2008	5		22M: 118 (16) Complex variables	22M: 26 (30) Calculus II
Summer 2008	5		22M: 26 (11) Calculus II	
Spring 2008	5		22M: 15 (114) Math Bio. Sci.	
Fall 2007	5		22M: 015 (450) Math Bio. Sci.	
Summer 2007	5		22M: 026 (20) Calculus II	
Spring 2007	5		22M: 015 (150) Math Bio. Sci.	
Fall 2006	5		22M: 015 (420) Math Bio. Sci.	
Summer 2006	5		22M: 26 (11) Calculus II	
Spring 2006	5		22M: 015 (140) Math Bio. Sci.	