

Prof. Dr. Endre Pap

**350 references of scientific publications
and some other scientific activities**

References

(350 references of scientific publications)

Books and Monographs by international publishers

1. **E. Pap**, Null-Additive Set Functions, Kluwer Academic Publishers, Mathematics and Its Applications 337, Dordrecht/Boston/London, 1995, 315 pp., ISBN 0-7923-3658-5
2. **E. Pap**, A. Takači, Dj. Takači, Partial Differential Equations through Examples and Exercises, Kluwer Academic Publishers, Dordrecht/Boston/London, 1997, 405 pp., ISBN 0-7923-4724-2
3. **E. Pap**, Complex Analysis through Examples and Exercises, Kluwer Academic Publishers, Dordrecht/Boston/London, 1998, 380 pp., ISBN 0-7923-5787-6
4. E.P. Klement, R. Mesiar, **E. Pap**, Triangular Norms, Trends in Logics 8, Kluwer Academic Publishers, Dordrecht/Boston/London, 2000, 385 pp., ISBN 0-7923-6416-3
5. O. Hadžić, **E. Pap**, Fixed Point Theory in Probabilistic Metric Spaces, Mathematics and Its Applications 536, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, 278 pp., ISBN 1-4020-0129-0
6. M. Grabisch, J. L. Marichal, R. Mesiar, **E. Pap**, Aggregation Functions, Cambridge University Press, Encyclopedia of Mathematics and Its Applications 127, 2009, 478 pp., ISBN 978-0-521-51926-7.

Edited Handbook

1. **E. Pap**, **Handbook of Measure Theory** (37 chapters), Volume I, II, Elsevier, North-Holland, 2002, 1636 pp., ISBN: 0-444-50263-7

Monographs by domestic publishers

1. **E. Pap**, Functional Analysis (Sequential convergences, Some principles of functional analysis),(English summary),Institute of Mathematics, Novi Sad, 1982, 202 pp.
2. **E. Pap**, Fuzzy measures and their applications (Fazi mere i njihova primena), Novi Sad, 1999, 240 pp.

Invited chapters in monographs by international publishers

1. **E. Pap**, Integrations of Functions with Values in Complete Semi-Vector Space, Lecture Notes in Math. 794, Measure Theory, Springer-Verlag, 1979, 340-347.
2. **E. Pap**, Applications of null-additive set functions in mathematics, chapter in the monograph "Exploring Stochastic Laws", VSP International Science Publishers, The Netherland, 1995, 367-382.

3. **E. Pap**, Applications of Decomposable Measures, Chapter 13 in (Ed. U. Höhle, S.E. Rodabaugh) *Mathematics of Fuzzy Sets: Logic, Topology and Measure Theory*, Kluwer Academic Publishers, Dordrecht, 1999, 675-700.
4. E. P. Klement, R. Mesiar, **E. Pap**, Triangular Norms- Basic properties and representation theorems, Chapter in (Eds. Novák, V.; Perfilieva, I.) "Discovering the World with Fuzzy Logic", volume 57 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, Heidelberg, 2000, 63-81.
5. **E. Pap**, Pseudo-convolution and its applications, Chapter in Monograph (Eds. M. Grabisch, M. Murofushi, M. Sugeno) "Fuzzy Measures and Integrals-Theory and Applications", volume 40 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, Heidelberg, 2000, 171-204.
6. D. Dubois, **E. Pap**, H. Prade, Hybrid probabilistic-possibilistic mixtures and utility functions, (Eds. J. Fodor, B. de Baets, P. Perny) "Preferences and Decisions under Incomplete Knowledge", volume 51 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 2000, 51-73.
7. E.P.Klement, R. Mesiar, **E. Pap**, Bausteine der Fuzzy Logic: t-Normen-Eigenschaften und Darstellungssätze, chapter in the monograph (Ed. Rudolf Seising) *Fuzzy Theorie und Stochastik, Modelle und Anwendungen in der Diskussion*, Viewig, Braunschweig/Wiesbaden, 1999, 205-225.
8. **E. Pap**, Is the today's Mathematics ready for the Computational Intelligence?, (Eds. Sincak, P.; Vascak, J.) E-ISCI 2000 "Quo Vadis Computational Intelligence?" volume 54 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 2000.
9. **E. Pap**, Aggregation operators in the engineering design, (Eds. C. Tomasa, G. Mayor, R. Mesiar) volume 97 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 195-223, ISBN 3-7908-1468-7.
10. D. Dubois, **E. Pap**, H. Prade, Pseudo-additive measures and the independence of events, (Eds. B. Bouchon-Meuner, J. Gutiérrez-Rios, L. Magdalena, R.R. Yager) "Technologies for Constructing Intelligent Systems 1" volume 89 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 2001, 179-191.
11. **E. Pap**, D. Vivona, Aggregation principle in the theory of nonlinear PDE, (Eds. B. Bouchon-Meuner, J. Gutiérrez-Rios, L. Magdalena, R.R. Yager) "Technologies for Constructing Intelligent Systems 2" volume 90 of *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 2001, 149-158.
12. **E. Pap**, Pseudo-additive measures and their applications, *Handbook of Measure Theory* (Editor E. Pap), Volume II, Elsevier, North-Holland, 2002, 1403-1465, ISBN 0 444 50263 7
13. **E. Pap**, Some elements of the classical measure theory, *Handbook of Measure Theory* (Editor E. Pap), Volume I, Elsevier, North-Holland, 2002, 27-82, ISBN 0 444 50263 7

14. P. de Lucia, **E. Pap**, Convergence theorems for set functions, *Handbook of Measure Theory* (Editor E. Pap), Volume I, Elsevier, North-Holland, 2002, 125-178, ISBN 0 444 50263 7
15. **E. Pap**, A. Takači, Generalized derivative, *Handbook of Measure Theory*, (Editor E. Pap), Volume II, Elsevier, North-Holland, 2002, 1237-1260, ISBN 0 444 50263 7
16. O. Hadžić, **E. Pap**, New classes of probabilistic contractions and applications to random operators, (Eds. Y. J. Cho, J.K. Kim, S. M. Kang) *Fixed Point Theory and Applications Nova Science Publishers*, Volume 4, 2003, 97-119, ISBN 1-59033-853-7
17. E. P. Klement, R. Mesiar, **E. Pap**, Triangular norms: Basic notions and properties, (Eds. E.P. Klement, R. Mesiar) *Logical, Algebraic, Analytic, and Probabilistic Aspects of Triangular Norms*, Elsevier, 2005, 17-60, ISBN 0 444 51814 2
18. E. P. Klement, R. Mesiar, **E. Pap**, Semigroups and triangular norms, (Eds. E.P. Klement, R. Mesiar) *Logical, Algebraic, Analytic, and Probabilistic Aspects of Triangular Norms*, Elsevier, 2005, 63-93, ISBN 0 444 51814 2
19. O. Hadžić, **E. Pap**, Triangular norms in probabilistic metric spaces and fixed point theory, (Eds. E.P. Klement, R. Mesiar) *Logical, Algebraic, Analytic, and Probabilistic Aspects of Triangular Norms*, Elsevier, 2005, 443-472, ISBN 0 444 51814 2
20. **E. Pap**, A generalization of the utility theory using a hybrid idempotent-probabilistic measure, *Proceedings of the Conference on Idempotent Mathematics and Mathematical Physics* (Eds G. L. Litvinov, V. P. Maslov), *Contemporary Mathematics* 377, American Mathematical Society, Providence, Rhode Island, 2005, 261-274, ISBN 0-8218-3538-6.
21. **E. Pap**, Applications of the generated pseudo-analysis on nonlinear partial differential equations, *Proceedings of the Conference on Idempotent Mathematics and Mathematical Physics* (Eds G.L. Litvinov, V.P. Maslov), *Contemporary Mathematics* 377, American Mathematical Society, 2005, 239-259, ISBN 0-8218-3538-6.
22. E. P. Klement, R. Mesiar, **E. Pap**, Fuzzy set theory: "AND" is more just the minimum, *Issues in Soft Computing Decisions and Operation Research* (Eds. O. Hryniewicz, J. Kacprzyk, D. Kuchta), *Akademicka Oficyna Wydawnicza EXIT*, Warsaw, 2005, 39-52, ISBN 83-87674-97-4.
23. E. P. Klement, R. Mesiar, **E. Pap**, Transformations of Copulas and Quasi-Copulas, (Eds. M. López-Díaz, M. Á. Gil, P. Grzegorzewski, O. Hryniewicz, J. Lawry) "Soft Methodology and Random Information Systems", *Studies in Soft Computing*, Springer-Verlag, 2004, 181-188, ISBN 3-540-22264-2.
24. **E. Pap**, Pseudo-Analysis in Soft Computing, *Aspects of Soft Computing, Intelligent Robotics and Control* (Eds. J. Fodor, J. Kacprzyk) *Studies In Computational Intelligence* 241, Springer, 2009, 3-24.

25. **E. Pap**, Pseudo-analysis in engineering decision making, Towards Intelligent Engineering and Information Technology (Eds. I. J. Rudas, J. Fodor, J. Kaprzyk), Studies In Computational Intelligence 243, Springer, 2009, 3-16.
26. E.P. Klement, R. Mesiar, **E. Pap**, A nonlinear integral which generalizes both the Choquet and the Sugeno integral, Quantitative Logic and Soft Computing, Volume 2, Advances in Intelligent and Softcomputing Volume 82, Springer, 2010, 39-53.
27. B. Janković, **E. Pap**, Blackwell's ordering in the semiring of monotone doubly stochastic matrices, Advances in Mathematics Research, Volume 16, (Ed. A. R. Baswell), Nova Science Publisher, 2011, 1-25.

Master and PhD

1. E. Pap, On diagonal theorem (O dijagonalnoj teoremi), Magistarski rad, Beograd, 93 pgs., 1973.
2. E. Pap, Some properties of special maps on semigroups and their applications in functional analysis and measure theory (Neke osobine specijalnih preslikavanja nad polugrupama i njihova primena u funkcionalnoj analizi i teoriji mere), Ph. Thesis, Novi Sad, 110 pgs.

Papers in international scientific journals

1. Pap, E., A generalization of Diagonal theorem on block-matrix, *Matematički vesnik* **11** (26) (1974), 66-71.
2. Hadžić, O., Pap, E., Some applications of diagonal theorem in functional analysis (Neke primene dijagonalne teoreme u funkcionalnoj analizi), *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **5** (1975), 23-33.
3. Pap, E., Solving linear τ -difference equations with τ -discrete operator calculus (Rešavanje linearnih τ -diferencnih jednačina pomoću τ -diskretnog operatorskog računa), *Matematički vesnik* **13** (28) (1976), 93-99.
4. Pap, E., n -convex functions on a semigroup with a root function, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **6** (1986), 7-13.
5. Pap, E., Uniform boundedness of a family of f -countable additive multivalued set functions with values in a semigroup (Uniformna ograničenost familije f -prebrojivo aditivnih višeznačnih skupovnih funkcija sa vrednostima u polugrupi), *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **6** (1976), 33-40.
6. Pap, E., The additive exhaustive functions on M -lattice, *Publ. Inst. Math.* **20** (34) (1976), 203 - 207.
7. Pap, E., Uniform boundedness of a family of exhaustive set functions, *Matematički vesnik* **13** (28) (1975), 319-326.

8. Pap, E., General spaces of sequences and boundedness theorem, *Math. Balk.* **5** (1975), 216-221.
9. Pap, E., Pilipović, S., Sequences theory of some semigroups in temperad distributions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **7** (1977), 9-19.
10. Pap, E., A note on orthogonal expansions in multidimensional case, *Publ. Inst. Math.* **22** (36) (1977), 211-214.
11. Pap, E., Pilipović, S., A sequential theory of some spaces of generalized functions, *Publ. Inst. Math.* **25** (39) (1979), 122-130.
12. Pap, E., Pilipović, S., A sequential of some theory semigroups in special spaces of generalized functions, *Matematički vesnik* **16** (31) (1979), 315-326.
13. Pap, E., An Application of J.Mikusinski's Lemma on Convergence, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **9** (1979), 59-65.
14. Pap, E., Some contributions to n-convex functions (Neki prilozii teoriji n-konveksnih funkcija), *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **8** (1978),29-32.
15. Pap, E., On the ZED-Integral, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **9** (1979), 67-73.
16. Pap, E., Uniform boundedness of family of triangle semigroups valued set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **10** (1980), 77-83.
17. Fenyő, I., Pap, E., On the functional equation $f(x_1) + f(x_2) = f(y_1) + f(y_2)$, *Periodica Polytech* **25,2** (1981), 115-122.
18. Pap, E., On semigroup valued additive exhaustive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **11** (1981), 59-70.
19. Pap, E., A generalization of a Dieudonne theorem for a nonadditive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **13** (1983), 113-123.
20. Pap, E., A note on some convergences on semigroups, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **13** (1983),131-139.
21. Pap, E., A simple proof of a generalized Dieudonné theorem, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **13** (1983), 125-130.
22. Pap, E., Phillips lemma for semigroup valued additive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **15,1** (1985), 83-95.
23. Pap, E., The adjoint operator and K-convergence, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **15,2** (1985), 51-56.
24. Pap, E., Pilipović, S., Semigroups of operators on the space of generalized functions, $\text{Exp } A'$, *J. Math. Anal. Appl.* **126,2** (1987), 501-515.

25. Pap, E., Some theorems of functional analysis with K-convergence, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **15,2** (1985), 43-50.
26. Pap, E., A generalization of a theorem of Dieudonne for k-triangular set functions, *Acta Sci. Math.* **50** (1986), 159-167.
27. Pap, E., Comparison of K-convergences, *Suplemento di Rendiconti del Circolo Matematico di Palermo* **18** (1988), 371-380.
28. Pap, E., Zero-continuous functions on K-, N-, and complete spaces, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **16,2** (1986), 9-15.
29. Pap, E., The Vitali-Hahn-Saks Theorems for k-Triangular Set Functions, *Atti. Sem. Mat. Fis. Univ. Modena* **35** (1987), 21-32.
30. Pap, E., A note on some applications of Bellman's results on almost orthohogonal sequences, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **16,2** (1986), 17-23.
31. Pap, E., Submeasure caracterizacion of the generalized λ -additive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **17,1** (1987), 53-60.
32. E.Pap, Sequential continuous mappings on uniform semigroups, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **17,1** (1987), 61-70.
33. Pap, E., Nikodym theorem for metric valued (x_0) -exhaustive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **18,1** (1988), 101-110.
34. Pap, E., On approximate and bounded homomorphisms on uniform commutative semi-group, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **18,1** (1988).
35. Pap, E., On the generalized Dirichlet series of several complex variables, *Portugaliae Mathematica* **47,2** (1990), 139-149.
36. Pap, E., Takači, Dj., On linear differential equations in spaces of locally integrable functions and of Mikusiński operators, *Mathematische Nachrichten* **148** (1990), 197-208.
37. Pap, E., On non-additive set funtions, *Atti Sem. Mat. Fis. Univ. Modena* **39** (1991), 345-360.
38. Pap, E., Bijective maps which are close to partial isometries, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **18,1** (1988), 119-127.
39. Pap, E., Swartz, C., An elementary proof of a closed graph theorem on normed K-space, *Rendiconti dell' Accademia Sci. Matematiche Fis. e Naturali-Napoli Ser IV Vol LVIII* (1991), 101-104.
40. Pap, E., Lebesgue and Saks decompositions of \perp -decomposable measures, *Fuzzy Sets and Systems* **38** (1990), 345-353.

41. Pap, E., The space of the generalized Dirichlet series of several complex variables on a polydisc, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **19,1** (1989), 143-158.
42. Milutinović, B., Lazar, E., Malešević, J., Pap, E., Ristanović, D., Effect of interval load on cardiorespiratory function, *Periodicum Biologorum* Vol.87, No.2 (1985), 265-267.
43. Pap, E., Swartz, C., The Closed Graph Theorem for Locally Convex Spaces, *Bolletino U.M.I.* (7) 4-B (1990), 109-111.
44. Pap, E., Distance preserving maps on Abelian lattice ordered groups, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **20,1** (1990), 75-81.
45. Pap, E., The Brooks-Jewett theorem for non-additive set functions, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **21,1** (1991), 75-82.
46. Pap, E., Swartz, C., On summable boundedness in convergence linear spaces, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **20,2** (1990), 131-144.
47. Pap, E., Many dimensional Lyapunov's convexity theorem for E_λ -decomposable measure, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **21,1** (1991), 65-74.
48. Pap, E., Intrinsic metrics preserving maps on Abelian lattice-ordered groups, *Algebra Universalis* **29** (1992), 338-345.
49. Pap, E., Decomposable measures and applications on nonlinear partial differential equations, *Rendiconti del Circolo matematico di Palermo Ser II* **28** (1992), 387-403.
50. Pap, E., An integral generated by decomposable measure, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **20,1** (1990), 135-144.
51. Pap, E., Extension of \oplus -decomposable measures, *Atti Sem. Mat. Fis. Univ. Modena* **41,1** (1993), 109-120.
52. Pap, E., Regular Borel t-conorm decomposable measures, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **20,2** (1990), 113-120.
53. Pap, E., Extension of the continuous t-conorm decomposable measure, *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **20,2** (1990), 121-130.
54. Pap, E., Categorical characterization of some families of sets in \perp -decomposable measure space, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **23,2** (1993), 141-146.
55. E.Pap, R. Pavlović, On semi-inner product spaces of type (p), *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **23,2** (1993), 147-153.
56. E.Pap, C. Swartz, The Adjoint Theorem on A-spaces, *Novi Sad J. Math.* (former Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.) **26,1** (1996), 63-68.

57. E.Pap, R. Pavlović, Adjoint theorem on semi-inner product spaces of type (p), *Univ. Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **25,1** (1995), 39-46.
58. E.Pap, C.Swartz, Sequential continuity and boundedness for the adjoint operators, *Univ. u Novom Sadu Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **27,1** (1997), 37-43.
59. E.Pap, g-calculus, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **23,1** (1993), 145-150.
60. E.Pap, C. Swartz, A locally convex version of adjoint theorem, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **24,2** (1994), 63-68.
61. E.Pap, The Lebesgue decomposition theorem for generalised measures, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **28,1** (1998), 98-106.
62. E.Pap, Regular null-additive monotone set functions, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **25,2** (1995), 93-102.
63. E.Pap, Hewitt- Yosida theorem for \square -decomposable measures, *Tatra Mountains Math. Publ.* **3** (1993), 147-154.
64. E. Pap, On null-additive fuzzy measures, *Atti Sem. Math. Fis. Univ. Modena* **42** (1994), 569-578.
65. E. Pap, The Lebesgue decomposition of the null-additive fuzzy measures, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **24,1** (1994), 129-137.
66. E. Pap, The continuity of the null-additive fuzzy measures, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **27,2** (1997), 37-47.
67. E. Pap, Decompositions of supermodular functions and decomposable measures, *Fuzzy Sets and Systems* **65** (1994), 71-83.
68. E. Pap, Daniell-Greco-Stone representation type theorem for autocontinuous from above functions, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **29,1** (1999), 1-8.
69. E. Pap, The range of null-additive fuzzy and non-fuzzy measures, *Fuzzy Sets and Systems* **65** (1994), 105-115.
70. E. Pap, R. Mesiar, On additivity and pseudo-additivity of a pseudo measure based integral, *J. Fuzzy Math.* **5,2** (1997), 351-364.
71. E. Pap, Extension of null-additive set functions on algebra of subsets, *Novi Sad J. Math.* **31**, 2 (2001), 9-13.
72. E. Pap, Recent results on null-additive set functions, *Tatra Mount. Math. Publ.* **6** (1995), 141-147.

73. E. Pap, P. de Lucia, Nikodym convergence theorem for uniform space valued functions defined on D -poset, *Math. Slovaca* **45** (1995), 367-376.
74. E. Pap, The Jordan decomposition of the null-additive signed fuzzy measures, *Novi Sad J. Math.* **30**, 1 (2000), 1-7.
75. E. Pap, Application of decomposable measures on nonlinear difference equations, *Novi Sad J. Math.* **31**, 2 (2001), 89-98.
76. A. Kerenji, E. Pap, G. Bogdanović, V. Baltić, The mathematical model on the influence of growth factors (PDGF and EGF) on cell growth in culture, *Archiv of Oncology* **2** (4) (1994), 165-168.
77. E. Pap, Nonlinear difference equations and neural nets, *BUSEFAL* (60), 1994, 7-14.
78. P. de Lucia, E. Pap, Noncommutative version of Nikodym boundedness theorem for uniform space-valued functions, *Internat. J. of Theoretical Physics* **34,7** (1995), 981-993.
79. E. P. Klement, R. Mesiar, E. Pap, A characterization of the ordering of continuous t -norms, *Fuzzy Sets and Systems* **86** (1997), 189-195.
80. R. Mesiar, E. Pap, Extensions of real-valued difference posets, *Internat. J. of Theoretical Physics* **33, 12** (1994), 2317-2323.
81. E. Pap, Decompositions of Null-Additive Set Functions, *Atti Sem. Mat. Fis. Univ. Modena* **45** (1997), 223-234.
82. E. Pap, Nikodym type theorems, *Tatra Mount. Math. Publ.* **10** (1997), 147-157.
83. E. Pap, O. Hadžić, R. Mesiar, A Fixed Point Theorem in Probabilistic Metric Spaces and an Application, *J. Math. Anal. Appl.* **202** (1996), 433-449.
84. E. Pap, N. Ralević, Pseudo-operations on finite intervals, *Novi Sad J. Math.* **29,1**, 1999, 1-6.
85. E. P. Klement, R. Mesiar, E. Pap, On some geometric transformation of t -norms, *Mathware* **5** (1998), 57-67.
86. E. Pap, R. Mesiar, Different interpretations of triangular norms and related operations, *Fuzzy Sets and Systems* **96** (1998), 183-189.
87. E. P. Klement, R. Mesiar, E. Pap, On the relationship of associative compensatory operators to triangular norms and conorms, *Uncertainty, Fuzziness and Knowledge-Based Systems* **4** (1996), 129-144.
88. P. de Lucia, E. Pap, Lebesgue decomposition by σ -null-additive set functions, *Rend. del Circolo Mat. di Palermo* **45** (1996), 25-36.

89. P. de Lucia, A. Dvurečenski, E. Pap, On a decomposition theorem and its applications, *Math. Japonica* **44** (1996), 145-164.
90. E. Pap, Pseudo-analysis and its applications, *Tatra Mountains Math. Publ.* **12** (1997), 1-12.
91. E. Pap, Solving Nonlinear Equations by Non-Additive Measures, *Nonlinear Anal.* **30** (1997), 31-40.
92. E. Pap, Decomposable measures and nonlinear equations, *Fuzzy Sets and Systems* **92** (1997), 205-221.
93. Wu Junde, E. Pap, Li Ronglu, Qu Wenebo, Swartz's Orlicz-Pettis Theorem of operators, *Bull. Acad. Serbe Sci. et Arts* **94** (1997), 37-43.
94. E. Pap, Pseudo-analysis as a mathematical base for soft computing, *Soft Computing* **1**, Springer-Verlag, (1997), 61-68.
95. E. Pap, D. Surla, Lebesgue measure of α -cuts approach for finding the height of the membership function, *Fuzzy Sets and Systems* **111**, 341-350.
96. A. Kerenji, E. Pap, G. Bogdanović, V. Baltić, The mathematical model on the influence of growth factors (PDGF and EGF) on the cell growth, *Archiv of Oncology* **2**(4), (1994), 165-168.
97. A. Kerenji, G. Bogdanović, E. Pap, V. Baltić, The mathematical modeling of the cell growth in culture stimulated by growth factor, *Bio-Mathematique& Bio-Theorique* **35**, 144 (1998), 27-36.
98. E. Pap, N. Ralević, Pseudo-Laplace transform, *Nonlinear Analysis* **33** (1998), 533-550.
99. E. Pap, Disjoint and chain variations of non-additive set functions, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.*
100. E. Pap, σ -null-additive set functions, *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **32**,1 (2002), 47-57.
101. E. Pap, N. Teofanov, Pseudo-delta functions and pseudo-delta-sequences in the optimization theory, *Yug. J. Oper. Res.* **8** (1998), 111-128.
102. E. Pap, M. Kapor, Decision theory based on non-additive measures, *Yug. J. Oper. Res.* **9**,1 (1999), 3-15.
103. S. Jenei, E. Pap, Smoothly generated Archimedean approximation of continuous triangular norms, *Fuzzy Sets and Systems* **104** (1999), 19-25.
104. E. Pap, I. Štajner, Generalized pseudo-convolution in the theory of probabilistic metric spaces, information, fuzzy numbers, system theory, *Fuzzy Sets and Systems* **102** (1999), 393-415.

105. E. Pap, G. Devedžić, Multicriteria-multistages linguistic evaluation and ranking of machine tools, *Fuzzy Sets and Systems* **102** (1999), 451-461.
106. E.P.Klement, R. Mesiar, E. Pap, Construction of t -norms by means of non-decreasing functions, *Fuzzy Sets and Systems* **104** (1999), 3-13.
107. E. Pap, K. Jegdić, Pseudo-Analysis and Its Applications in Railway Routing, *Fuzzy Sets and Systems* **116** (2000), 103-118.
108. E. Pap, Z. Bošnjak, S. Bošnjak, Application of Different t -norms in the Interpretation of Portfolio Matrices in Strategic Management, *Fuzzy Sets and Systems* **114** (2000), 123-131.
109. R. Mesiar, E. Pap, Idempotent integral as limit of g -integrals, *Fuzzy Sets and Systems* **102** (1999), 385-392.
110. Wu Junde, E. Pap, Du Xinghua, The locally convex \mathcal{A} -spaces and their dual spaces, *Novi Sad J. Math.* **28**,2 (1998), 119-125.
111. E. Pap, I. Štajner, Pseudo-convolution based on idempotent operation as limit of g -convolution, *Internat. J. Uncertainty, Fuzziness, Knowledge-Based Systems* **7**, No 6 (2000), 615-629.
112. E. Pap, D. Vivona, Non-commutative and non-associative pseudo-analysis and its applications on nonlinear partial differential equations, *J. Math. Anal. Appl.* **246** (2000), 390-408.
113. E. P. Klement, R. Mesiar, E. Pap, Integration with respect to decomposable measures, based on a conditionally distributive semiring on the unit interval, *Internat. J. Uncertain. Fuzziness Knowledge-Based Systems* **8** (2000), 701-717.
114. E. P. Klement, R. Mesiar, E. Pap, Generated triangular norms, *Kybernetika* **36** (2000), 363-377.
115. E. Pap, Pseudo-analysis and nonlinear equations, *Soft Computing* **6**,1 (2002), 21-32.
116. E. P. Klement, R. Mesiar, E. Pap, Uniform approximation of associative copulas by strict and non-strict copulas, *Illinois J. Math.* **45**, No. 4 (2001), 1393-1400.
117. E.P. Klement, R. Mesiar, E. Pap, Triangular norms as ordinal sums in the sense of A. H. Clifford, *Semigroup Forum* **65** (2002), 71-82.
118. O. Hadžić, E. Pap, A fixed point theorem for multivalued mappings in probabilistic metric spaces and an application in fuzzy metric spaces, *Fuzzy Sets and Systems* **127**, 3 (2002), 333-344.
119. O. Hadžić, E. Pap, On some classes of t -norms important in the fixed point theory, *Bull. Acad. Serbe Sci. et Arts* **121**, **25** (2000), 15-28.

120. O. Hadžić, E. Pap, V. Radu, Some generalized contraction mapping principles in probabilistic metric spaces, *Acta Math. Hungarica* **101** (1-2) (2003), 111-128.
121. E. Pap, I. Štajner-Papuga, Pseudo-integral based on non-associative and non-commutative pseudo-addition and pseudo-multiplication, *Internat. J. Uncertainty, Fuzziness, Knowledge-Based Systems* **9**, No 2 (2001), 159-167.
122. E. Pap, D. Vivona, I. Štajner-Papuga, On a pair of generated pseudo-operations with three parameters and its application on the Burger's type equation, *Atti Sem. Mat. Fis. Univ. Modena* **50** (2002), 451-464.
123. E. P. Klement, R. Mesiar, E. Pap, Invariant copulas, *Kybernetika* **38**, 3 (2002), 275-285.
124. E. P. Klement, R. Mesiar, E. Pap, On the order of triangular norms-comments on "A triangular norm hierarchy", *Fuzzy Sets and Systems* **131** (2002), 409-413.
125. E. P. Klement, R. Mesiar, E. Pap, Measure-based aggregation operators, *Fuzzy Sets and Systems* **142** (2004), 3-14.
126. O. Hadžić, E. Pap, M. Budinčević, Countable extension of triangular norms and their applications to fixed point theory in probabilistic metric spaces, *Kybernetika* **38**, 3 (2002), 363-381.
127. E. P. Klement, R. Mesiar, E. Pap, Archimedean components of triangular norms, *J. Aust. Math. Soc.* **78** (2005), 1-17.
128. O. Hadžić, E. Pap, Probabilistic multi-valued contractions and decomposable measures, *Internat. J. Uncertainty, Fuzziness, Knowledge-Based Systems* **10**, Supplement (2002), 59-74.
129. E. Pap, Dj. Takači, A. Takači, The g-operational calculus, *Internat. J. Uncertainty, Fuzziness, Knowledge-Based Systems* **10**, Supplement (2002), 75-88.
130. E. P. Klement, R. Mesiar, E. Pap, Triangular norms I: Basic analytical and algebraic properties, *Fuzzy Sets and Systems* **143** (2004), 5-26.
131. P. de Lucia, E. Pap, Matrix method approach to Cafiero theorem, *Novi Sad J. Math.* **33**,1 (2003), 117-127.
132. E. P. Klement, R. Mesiar, E. Pap, Triangular norms II: General constructions and parametrized families, *Fuzzy Sets and Systems* **145** (2004), 411-438.
133. E. P. Klement, R. Mesiar, E. Pap, Triangular norms III: Continuous t-norms, *Fuzzy Sets and Systems* **145** (2004), 439-454.
134. O. Hadžić, E. Pap, Fixed Point Theorems for Single-valued and Multi-valued Mappings in Probabilistic metric spaces, *Atti Sem. Mat. Fis. Univ. Modena* **51** (2003), 377-395.
135. E. P. Klement, R. Mesiar, E. Pap, Problems on triangular norms and related operators, *Fuzzy Sets and Systems* **145** (2004), 471-479.

136. E. P. Klement, R. Mesiar, E. Pap, Archimax copulas and invariance under transformations, *C. R. Math. Acad. Sci. Paris-Mathematics* **340** (2005) 755-758.
137. E. P. Klement, R. Mesiar, E. Pap, Different types of continuity of triangular norms revisited, *New Mathematics and Natural Computation* **1,2** (2005), 195-211.
138. E. Pap and I. Štajner-Papuga, A limit theorem for triangle functions, *Fuzzy Sets and Systems* **157** (2006), 292-307.
139. O. Hadžić, E. Pap, M. Budinčević, A generalization of Tardiff's fixed point theorem in probabilistic metric spaces and applications to random equations, *Fuzzy Sets and Systems* **156** (2005), 124-125.
140. E. Pap, B. Mihailović, A representation of a comonotone-V-additive and monotone functional by two Sugeno integrals, *Fuzzy Sets and Systems* **155** (2005), 77-88.
141. E. P. Klement, R. Mesiar, E. Pap, Transformations of copulas, *Kybernetika* **41** (2005), 425-434.
142. E. Pap, Variations of Non-Additive measures, *Acta Polytechnica Hungarica* **2** (2005), 5-13.
143. E. Pap, M. Takacs Two dimensional copulas as important binary aggregation operators, *Journal of Advanced Computational Intelligence and Intelligent Informatics* **10** No.4 (2006), 522-526.
144. E. Pap, Generalized real analysis and its applications, *Int. J. Approximative Reasoning* **47** (2008), 368-386.
145. P. de Lucia, E. Pap, Cafiero approach to Dieudonne's type theorems, *J. Math. Anal. Appl.* **337** (2008), 1151-1157.
146. R. Mesiar, E. Pap, Aggregation of infinite sequences, *Information Sciences* **178**(18) (2008), 3557-3564.
147. B. Nikolić, E. Pap, Orders in Semirings of Transition Bistochastic Matrices Induced by Mobility Measure of Social Sciences, *Acta Polytechnica Hungarica* **5** (2008), 87-96.
148. E. Pap, Pseudo-analysis approach to nonlinear partial differential equations , *Acta Polytechnica Hungarica* **5** (2008), 31-45.
149. E. P. Klement, R. Mesiar, E. Pap, A Universal Integral as Common Frame for Choquet and Sugeno Integral, *IEEE Transactions on Fuzzy Systems* **18,1** (2010), 178 - 187.
150. T. Grbić, E. Pap, Generalization of the Portmanteau theorem with respect to the pseudo-weak convergence of random closed sets, (*Veroyatnost i Primenen.*) *SIAM Theory of Probability and Its Applications* **54:1** (2010), 51-67.
151. M. Grabisch, J. L. Marichal, R. Mesiar, E. Pap, Monograph: Aggregation Functions, *Acta Polytechnica Hungarica* **6,1** (2009), 79-94.

152. B. Mihailović, E. Pap, Asymmetric general Choquet integrals, *Acta Polytechnica Hungarica* 6, 1 (2009), 161-173.
153. B. Mihailović, E. Pap, Sugeno integral based on absolutely monotone real set functions, *Fuzzy Sets and Systems* 161 (2010), 2857-2869.
154. E. Pap, M. Štrboja, Generalization of the Jensen inequality for pseudo-integral, *Information Sciences* 180 (2010), 543-548.
155. H. Agahi, Y. Ouyang, R. Mesiar, E. Pap, M. Štrboja, Hölder and Minkowski type inequalities for pseudo-integral, *Applied Mathematics and Computation* 217 (2011), 8630-8639.
156. E. Pap, Decision Making by Hybrid Probabilistic-Possibilistic Utility Theory, *PANOECONOMICUS LVI/4* (2009), 421-433.
157. Hamzeh Agahia, Radko Mesiar, Yao Ouyang, Endre Pap, Mirjana Štrboja, Berwald type inequality for Sugeno integral, *Applied Mathematics and Computation* 217 (2010), 4100-4108.
158. E. Pap, M. Georgijević, V. Bojanić, G. Bojanić, Mathematical model of container quay crane based on max-plus semiring, *Acta Polytechnica Hungarica* (to appear).
159. B. Janković, E. Pap, Full Ordering in the Shorrocks Mobility Sense of the Semiring of Monotone Doubly Stochastic Matrices, *Linear Algebra and Its Applications* 435 (2011), 1585-1597.
160. M. Grabisch, J. L. Marichal, R. Mesiar, E. Pap, Aggregation functions: Means, *Information Sciences* 181 (2011), 1-22.
161. M. Grabisch, J. L. Marichal, R. Mesiar, E. Pap, Aggregation functions: construction methods, conjunctive, disjunctive and mixed classes, *Information Sciences* 181 (2011), 23-43.
162. H. Agahi, R. Mesiar, Y. Ouyang, E. Pap, M. Štrboja, General Chebyshev type inequalities for universal integral, *Information Sciences* 107 (2012), 171-178.
163. R. Mesiar, J. Li, E. Pap, The Choquet integral as Lebesgue integral and related inequalities, *Kybernetika* 46 (2010), 1098-1107.
164. Dj. Obradović, Z. Konjović, E. Pap, N. Ralević, The maximal distance between imprecise point objects, *Fuzzy Sets and Systems* 170 (2011), 76-94.
165. B. Mihailović, E. Pap, Asymmetric integral as limit of generated Choquet integrals based on absolutely monotone real set functions, *Fuzzy Sets and Systems* 181 (1) (2011), 39-49.
166. E. Pap, M. Georgijević, V. Bojanić, G. Bojanić, A double cycling method for container quay cranes in river terminals, submitted

167. Dj. Obradović, Z. Konjović, E. Pap, I. J. Rudas, Linear Fuzzy Space Based Road Lane Detection, *Knowledge Based Systems* (to appear).
168. I. J. Rudas, E. Pap, J. Fodor, Information aggregation in intelligent systems: an application oriented approach, submitted.
169. E. Pap, D. Vivona, Basic equations of fluid dynamics treated by pseudo-analysis, *Acta Polytechnica Hungarica* (2012) (to appear).

Papers in Proceedings of international scientific conferences

1. Pap, E., The General Theorem on Convergence of Relation-Continuous Sequences and Its Applications, Proc.on Conv.Struct.,Reno, 1976, 173-183. (Notices AMS Vol.23,Num.3, 1976, 76T-B8, A-395-39).
2. Pap, E., On the Continuous Functions with the Values in a Semigroup, Coll.Math.Soc.Janos Bolyai Vol.23, Topology, Budapest 1978, North Holland, 931-938.
3. Pap, E., Mappings on a Family of Sequences, Proc. on Conv. Struct. Lawton 1980, 103-112.
4. Antosik, P., Pap, E., A Simplification of the Proof of Rosenthal's Lemma for Measures on Fields, Proc.of the Conf.on Convergence Structures Szczyrk 1981, Polish Academy Sciences, 25-30, 1981.
5. Pap, E., Sequential theory of linear continuous operators, Obobšćenje funkcii i ih primenija v matematičkoj fizike, Akademija nauka SSSR, Moskva, 1981, 408 - 414.
6. Pap, E., On some convergences on semigroups, Proc. of the Conference on Convergence and Generalized Functions in Katowice, 1983.
7. Pap, E., Triangular functionals on commutative semigroups, Proc. of the Schwerin Conf.,Akad. der Wiss. der DDR, 1984, Akademie-Verlag, Berlin, 167-172.
8. Pap, E., Functional analysis with K-convergence, Proc. of the Conference on Convergence Structures in Bechyne, 1984, Akademie-Verlag Berlin, 245-250,(Mathematical Research 24).
9. Pap, E., Weak convergence in a K-space, Proc.of the Conference GFCA-87, 1987, Eds. B. Stanković, E. Pap, S. Pilipović, V. S. Vladimirov, Plenum Press, New York, 419-423.
10. Pap, E., Takači, Dj., Estimations for the solutions of operator differential equations, Proc. of the conference GFCA-87, 1987, Ed. B.Stanković, E.Pap, S.Pilipović, V.S.Vladimirov, Plenum Press, New York, 267-277.
11. Pap, E., Sequence spaces in the theory of generalized functions and ill-posed problems, Differential Equations and Applications Columbus (Ohio) Vol II, 1989, Ohio University Press, 270-276.

12. Antosik, P., Chun, B.Z., Li, R., Pap, E., Swartz, C., K convergent sequences in locally convex spaces, Proc. of the Conference in Katowice, World Scientific, 1990, 299-304.
13. Pap, E., Swartz, C., On the Closed Graph Theorems, Proc. of the Conference on Generalized Functions and Convergence, Katowice, 1990, World Scientific Publ., 355-360.
14. Antosik, P., Lu, L.R., Jun, J.D., Chun, B.Z., Pap, E., Swartz, C., On uniform convergence of the inner product of sequences, Proc. of Conf. Generalized Functions and Convergence, Katowice, 1990, World Scientific, 305-316.
15. E. Pap, Decomposable measures and differential equations, Proc. 13th Conf. on Fuzzy Set Theory, Linz, 1991.
16. E. Pap, On null-additive set functions, Conference on Measure Theory, Capri (Italy), 1992.
17. E. Pap, Non-additive set functions, 14th Conference on Fuzzy Set Theory Linz, 1992.
18. E. Pap, Fazi (rasplinuti) skupovi (Fuzzy sets)- invited lecture, Proc. SYM-OP-IS 1992, Belgrade, 3-8.
19. E. Pap, Fuzzy measures and their applications, Proc. SYM-OP-IS 1992, Belgrade, 17-20.
20. E. Pap, N. Ralević, Applications of g -calculus on nonlinear differential equations, Proc. SYM-OP-IS 1992, Belgrade, 25-28.
21. E. Pap, L. Fodor, t -conorm decomposable measures, Proc. SYM-OP-IS 1992, Belgrade, 29-32.
22. E. Pap, Solution of nonlinear differential and difference equations, Proc. of EUFIT '93, Aachen, 1993, 498-563.
23. E. Pap, Applications of Diagonal Theorems, Conference on Functional Analysis, Gargnano (Italy), May 1993-invited lecture.
24. E. Pap, Decompositions theorems of non-additive set functions, Conference on Measure Theory, Ischia (Italy), 1994.
25. E. Pap, N. Ralević, Application of g -calculus on nonlinear integral equations, SYM-OP-IS 1994, 170-173.
26. E. Pap, g -calculus and its applications on nonlinear differential equations, Second International Conference on Fuzzy Sets Theory and Its Applications, Liptovsky Mikulas, 1994-invited lecture.
27. E. Pap, On Nikodym Theorems, International Conference on Measure Theory, Liptovsky Jan, 1995-invited lecture.
28. E. Pap, N. Ralević, Applications of Pseudo-Analysis, SYM-OP-IS 1995, 143-146.

29. E. Pap, Pseudo-Analysis and Its Applications, 3th International Conference on Fuzzy Sets Theory and Its Applications, January 1996, p. 52-invited lecture.
30. E. P. Klement, R. Mesiar, E. Pap, Additive generators of t -norms which are not necessarily continuous, EUFIT'96 , 70-73.
31. E. Pap, D. Surla, A general algorithm for finding the height of the membership function based on the Lebesgue integral, Proc. IFSA '97 World Congress Vol. I, 1997, 511-514.
32. E. Pap, I. Štajner, Pseudo-convolution in the theory of optimization, probabilistic metric spaces, information, fuzzy numbers, system theory, Proc. IFSA '97 World Congress Vol. I, 1997, 491-496.
33. 138. E. Pap, Z. Bošnjak, S. Bošnjak, Application of Different t -norms in the Interpretation of Portfolio Matrices in Strategic Management, Proc. IFSA '97 World Congress Vol. III, 1997, 171-176.
34. 139. G. Devedžić, E. Pap, Linguistic decision making model for machine tools evaluation and ranking by Choquet integral, Proc. IFSA '97 World Congress Vol. I, 1997, 503-508.
35. E. Pap, A Mathematical base for soft computing and related fields, Proc. 18th Linz Conference '97 (Ed. S. Gottwald, E.P. Klement) "Enriched Lattice Structures for Many-Valued and Fuzzy Logics", 1997, 32-35.
36. E. Pap, N. Ralević, Applications of pseudo-analysis on nonlinear equations, PRIM '96, 1997.
37. E.P. Klement, R. Mesiar, E. Pap, Construction of t -norms via pseudo-inverses, Proc. 18th Linz Conference '97 (Ed. S. Gottwald, E.P. Klement) "Enriched Lattice Structures for Many-Valued and Fuzzy Logics", 1997, 16-18.
38. E. Pap, M. Kapor, The problem of the fuzzy measure identification, Proc. Prim '97.
39. E. Pap, T. Grbić, A Law of Large Numbers for Fuzzy Numbers, Proc. Prim '97.
40. E. Pap, I. Štajner, Generalized pseudo-convolution, Proc. IPMU'98 (Information Processing and Management of Uncertainty in Knowledge-Based Systems), Paris, La Sorbonne, 1998, 1216-1222.
41. E. Pap, T. Grbić, A note on the addition of LR-fuzzy intervals, Proc. SYM-OP-IS '98, Herceg Novi, 661-664.
42. E. Pap, Semiring-Valued Measures and Integrals, 20nd Linz Seminar on Fuzzy Set Theory, Linz 1999, Topological and Algebraic Structures, February 2-6, 1999, Linz (Austria), 13.

43. S. Bogićević, I. Ćosić, E. Pap, B. Marović, Production System Risks Identification and Evaluation by Fuzzy Theory, Proceedings of the IASTED International Conference "Modelling and Simulation", May 5-8, 1999, paper no:291 -209.
44. E. Pap, Application on Pseudo-analysis in Decision Processes, Proc. EUROFUSE-SIC '99, May 25-28, Budapest,1999, 447-452.
45. E. Pap, I. Štajner, Limits of g -convolutions, Proc. EUROFUSE-SIC '99, May 25-28, Budapest,1999, 453-458.
46. E. Pap, T. Grbić, The law of large numbers in representation on uncertainty, Proc. EUROFUSE-SIC '99, May 25-28, Budapest,1999, 459-464.
47. E. P. Klement, R. Mesiar, E. Pap, (S, U) -integral, Proc. EUSFLAT-99, Palma de Mallorca, 1999, 371-374.
48. D. Dubois, E. Pap, H. Prade, Hybrid Probabilistic-Possibilistic Measures and Applications on Utility Functions, Proc. IPMU 2000 (Information Processing and Management of Uncertainty in Knowledge-Based Systems), Madrid, 2000, 53-60.
49. E. Pap, I. Štajner-Papuga, (S, U) -convolution, Proc. IPMU 2000 (Information Processing and Management of Uncertainty in Knowledge-Based Systems), Madrid, 2000, 563-568.
50. E. Pap, D. Vivona, Application of Aggregation Operators on Nonlinear PDE, Proc. IPMU 2000 (Information Processing and Management of Uncertainty in Knowledge-Based Systems), Madrid, 2000, 1159-1164.
51. D. Dubois, E. Pap, H. Prade, Hybrid probabilistic-possibilistic mixtures and utility functions, Proc. 3th International Workshop on Preferences and Decisions, Trento 2000, June 8-10, 2000, Trento (Italy), 107-113.
52. S. Bogićević, I. Ćosić, E. Pap, B. Marović, Estimation of the manufacturing systems' reliability as a component of the industrial systems' risks by fuzzy theory, Proc. of the IASTED Int. Conf. On Artificial Intelligence and Soft Computing, ASC 2000, July 24-26, 2000, Banff, Alberta, Canada, 8 pages.
53. E. P. Klement, R. Mesiar, E. Pap, (S, U) -integral-based aggregation operators, 22nd Linz Seminar on Fuzzy Set Theory, Linz 2001, Valued Relations and Capacities in Decision Theory, February 6-10, 2001, Linz (Austria), 29-32.
54. E. Pap, Decision Making Based on Hybrid Probability-Possibility Measure, 22nd Linz Seminar on Fuzzy Set Theory, Linz 2001, Valued Relations and Capacities in Decision Theory, February 6-10, 2001, Linz (Austria), 49-52.
55. E. Pap, Pseudo-analysis, Workshop on Max-plus algebras and their Applications to Discrete-event Systems, Theoretical Computer Science, and Optimization, August 27-29, 2001, Prague (Czech Republic), 105-116.

56. E. P. Klement, R. Mesiar, E. Pap, A geometric approach to aggregation, Proc. EUSFLAT'2001, Leicester, 2001, 466-469.
57. E. P. Klement, R. Mesiar, E. Pap, On stable 2-copulas, Proc. Uncertainty Modelling, Bratislava, 2001, 122-126.
58. E. Pap, O. Hadžić, Triangular norms in the fixed point theory in probabilistic metric spaces, Proc. Uncertainty Modelling, Bratislava, 2001, 32-52.
59. E. Pap, Triangular norms in modeling uncertainty, nonlinearity and decision, Proc. of the 2nd International Symposium of Hungarian Researchers 2001, Budapest, 7-18.
60. E. Pap, O. Hadžić, Fixed point theory in probabilistic metric spaces, Proc. 23rd Linz Fuzzy set seminar "Analytical Methods and Fuzzy Sets", Linz 2002, 5-9 February 2002, 48-54.
61. E. Pap, General models for the engineering design, 5th Int. Conference Dependability and quality management DQM-2002, Belgrade, 26-27 June, 53-64.
62. E. Pap, Investigation of the class of non-additive measures by their subclasses, Proc. Ninth International Conference IPMU 2002 (Information Processing and Management of Uncertainty in Knowledge-Based Systems), Annecy-France, 2002, 743-746.
63. E. Pap, Applications of general pseudo-analysis on nonlinear partial differential equations, Int. Workshop on Idempotent Mathematics and Mathematical Physics, ESI, Vienna, 3-10 February, 2003, 18-19.
64. E. Pap, A generalization of the utility theory using a hybrid idempotent-probabilistic measure, Int. Workshop on Idempotent Mathematics and Mathematical Physics, ESI, Vienna, 3-10 February, 2003, 19-20.
65. E. P. Klement, R. Mesiar, E. Pap, Copulas: uniform approximation, invariance, and applications in aggregation, Proc. 24th Linz Seminar on Fuzzy Set Theory "Triangular Norms and Related Operators in Many-Valued Logics", Linz 2003, 4-8 February 2003, 96-100.
66. E. Pap, Aggregation operators constructed by pairs of real binary operations, AGOP 2003, International Summer School on Aggregation Operators and their Applications, Alcalá de Henares (Madrid), 14.-18. July 2003, 35-40.
67. E. Pap, Decision making based on hybrid probabilistic-possibilistic measure, SISY 2003, 1st Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 19.-20. September 2003, 1-12.
68. E. Pap, I. Štajner-Papuga, Application of generated pseudo-operations on nonlinear PDE, SISY 2003, 1st Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 19.-20. September 2003, 13-22.

69. E. Pap, Dj. Takači, A. Takači, Generalized solutions of the Burgers type equation, SISY 2003, 1st Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 19.-20. September 2003, 113-124.
70. E. Pap, B. Mihailović, Two Sugeno Integrals Based Representation, SISY 2003, 1st Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 19.-20. September 2003, 189-195.
71. E. P. Klement, R. Mesiar, E. Pap, Triangular norms as special semigroups, Proc. 25th Linz Seminar on Fuzzy Set Theory "Mathematics of Fuzzy Systems", Linz 2004, 3-7 February 2004, 96-100.
72. E. P. Klement, R. Mesiar, E. Pap, A general approach to integration on finite sets, Proc. of IPMU 2004, 61-66.
73. E. Pap, I. Štajner-Papuga, Distorted generalized pseudo-Laplace type transforms, SISY 2004, 2nd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 1.-2. October 2004, 13-22.
74. E. Pap, Nonlinear partial differential equations treated by the generated pseudo-analysis, Budapest Tech International Jubilee Conference, Science in Engineering, Economics and Education, Budapest, 4. September 2004, 365-375.
75. E. Pap, Decision making based on aggregation operators, SISY 2004, 2nd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 1.-2. October 2004, 9-24.
76. B. Mihailović, E. Pap, Choquet and Sugeno integrals-based functional representation, SISY 2004, 2nd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 1.-2. October 2004, 83-92.
77. Lj. Nedović, E. Pap, N. Ralević, T. Grbić, Large deviation convergence of generated pseudo measures, SISY 2004, 2nd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 1.-2. October 2004, 101-108.
78. E. Pap, Non-additive Measures, 5th International Symposium on Hungarian Researchers on Computational Intelligence, Budapest, 11.-12. November 2004, 13-18.
79. E. P. Klement, R. Mesiar, E. Pap, Sections of triangular norms, Proc. of 26th Linz Seminar 2005, 67-71.
80. E. Pap, I. Štajner-Papuga, Generalized (\oplus, \odot) -Laplace transform, (Eds. B. de Baets, J. Fodor, D. Radojević) Proc. Eurofuse Workshop "Fuzzy for Better" 15.-18. June 2005., Belgrade, 173-178.
81. E. Pap, Aggregation functions for decision making, (Eds. B. de Baets, J. Fodor, D. Radojević) Proc. Eurofuse Workshop "Fuzzy for Better" 15.-18. June 2005., Belgrade, 179-193.

82. E. Pap, A. Takači, An application of Schur-concave t-norms in pFCSP, EUSFLAT, Barcelona, 2005, on CD.
83. E. Pap, Copulas as aggregation operators, SISY 2005, 3rd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 31. August-1. September 2005, 7-15.
84. E. Pap, T. Grbić, Lj. Nedović, N. Ralević, Weak Convergence of Random Sets, SISY 2005, 3rd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 31. August-1. September 2005, 73-80.
85. B. Mihailović, E. Pap, N. Ralević, Difference representations of the Choquet integral with respect to a signed fuzzy measure, SISY 2005, 3rd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 31. August-1. September 2005, 91-100.
86. E. Pap, Actual Results and Open Problems in the Theory of Generalized Analysis, FLLL/SCCH Master and PhD Seminar, November 11, 2005, 1-7.
87. E. Pap, The Sign Dependent Expected Utility Functional Representations, 6th International Symposium on Hungarian Researchers on Computational Intelligence, Budapest, November 18.-19., 2005, 17-28.
88. E. Pap, B. Mihailović, Representation of the utility functional by two fuzzy integrals, IMPU 2006, Paris, 1710-1717.
89. E. Pap, Representation of the sign dependent expected utility functional as a difference of two fuzzy integral, Proc. 27th Linz Seminar on Fuzzy Set Theory "Preferences, Games and Decisions", Linz 2006, 7-11 February 2006, 107-110.
90. B. Mihailović, E. Pap, Representation of the revised monotone functional by the Choquet integral with respect to signed fuzzy measure, Proceedings of the 4th Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 2006 (SISY 2006), 237-245.
91. E. Pap, Analytic properties of aggregation functions for decision making, 7th International Symposium on Hungarian Researchers on Computational Intelligence, Budapest, November 24.-25., 2006, 117-128.
92. E. Pap, Non-additive measures and integrals, Proceedings of the 4th Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, 2006 (SISY 2006), 33-42.
93. E. Pap, M. Roca, An Axiomatization of the Hybrid Probabilistic-Possibilistic Utility Theory. Proceedings of the 4th Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, (SISY 2006), 229-235 (2006).
94. E. Pap, Application of pseudo-analysis on models with nonlinear partial differential equations, Proceedings of the 5th International Symposium on Intelligent Systems and Informatics, Subotica, 2007, 7-12.

95. E. P. Klement, R. Mesiar, E. Pap, Integrals which can be defined on arbitrary measurable spaces, Proc. 28th Linz Seminar on Fuzzy Set Theory "Fuzzy Sets, Probability, and Statistics-Gaps and Bridges", Linz 2007, 72-77.
96. E. Pap, M. Štrboja, Image processing based on a partial differential equation satisfying the superposition principle, International Workshop Idempotent and Tropical Mathematics and Problems Of Mathematical Physics, Volume II, Moscow, August 25-30, 2007, 38-42.
97. T. Grbić, E. Pap, Pseudo-weak convergence of the random sets defined by a pseudo integral based on non-additive measure, International Workshop Idempotent and Tropical Mathematics and Problems of Mathematical Physics, Volume I, Moscow, August 25-30, 2007, 72-77.
98. E. P. Klement, R. Mesiar, E. Pap, A universal integral, EUSFLAT 2007, Ostrava, Part I, 253-259.
99. B. Mihailović, E. Pap, Decomposable signed fuzzy measures, Proceedings EUSFLAT'2007, Part I, Ostrava, 2007, 265-271.
100. B. Nikolić, E. Pap, Semirings of transition bistochastic matrices in social sciences, Proceedings of the 5th International Symposium on Intelligent Systems and Informatics SISY Subotica, 2007, 167-170.
101. E. Pap, Recent Applications of Generalized Mathematical Analysis, 8th International Symposium on Hungarian Researchers on Computational Intelligence, Budapest, November 15.-17., 2007, 71-81.
102. E. P. Klement, R. Mesiar, E. Pap, A universal Integral Independent of Measurable Spaces and Function Spaces, IPMU 2008, Mallaga, Spain, 6 pages.
103. B. Janković, E. Pap, Mobility measures which induce order in the Semiring of Transition Bistochastic Matrices, Proceedings of the 6th International Symposium on Intelligent Systems and Informatics SISY Subotica, 2008, 6 pages.
104. M. Grabisch, J. -L. Marichal, R. Mesiar, E. Pap, Aggregation Functions, Proceedings of the 6th International Symposium on Intelligent Systems and Informatics SISY Subotica, 2008, 7 pages.
105. B. Mihailović, E. Pap, Non-Monotonic Set Functions and General Fuzzy Integrals, Proceedings of the 6th International Symposium on Intelligent Systems and Informatics SISY Subotica, 2008, 4 pages.
106. E. Pap, M. Štrboja, Generalization of the Jensen's Inequality for Pseudo-Integral, Proceedings of the 6th International Symposium on Intelligent Systems and Informatics, SISY 2008, IEEE 1-4244-2407-8/08/, Subotica, 2008, 3 pages.

107. E. Pap, Integrals based on non-additive measures, 9th International Symposium of Hungarian researchers on Computational Intelligence and Informatics, CINTI, Budapest, November 6-8, 2008, 19-26.
108. E. Pap, R. Mesiar, M. Grabisch, J.-L. Marichal, Infinitary aggregation, Proc. 30th Linz Seminar on Fuzzy Set Theory "The Legacy of 30 Seminars - Where Do We Stand and Where Do We Go?", Linz 2009, 3-7 February 2009, 91-92.
109. R. Mesiar, E. Pap, M. Grabisch, J.-L. Marichal, Contribution on some construction methods for aggregation functions, Proc. 30th Linz Seminar on Fuzzy Set Theory "The Legacy of 30 Seminars - Where Do We Stand and Where Do We Go?", Linz 2009, 3-7 February 2009, 78-79.
110. M. Grabisch, J.-L. Marichal, R. Mesiar, E. Pap, Aggregation on bipolar scales, Proc. 30th Linz Seminar on Fuzzy Set Theory "The Legacy of 30 Seminars - Where Do We Stand and Where Do We Go?", Linz 2009, 3-7 February 2009, 46-51.
111. J.-L. Marichal, M. Grabisch, R. Mesiar, E. Pap, Behavioral analysis of aggregation functions, Proc. 30th Linz Seminar on Fuzzy Set Theory "The Legacy of 30 Seminars - Where Do We Stand and Where Do We Go?", Linz 2009, 3-7 February 2009, 74-77.
112. E. Pap, Integrals based on pseudo operations: an extension for real set functions and an inequality, Proc. Of the Fifth International Summer School on Aggregation Operators (AGOP 2009) (Eds. M. Gonzales, G. Mayor, J. Suner, J. Torrens), Palma de Mallorca, 115-120.
113. E. P. Klement, R. Mesiar, E. Pap, A Concept of Universal Integral Based on Measures of Level Sets, Proceedings of the 7th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP0984C-CDR, 2009, 11-16.
114. E. Pap, M. Štrboja, Generalization of the Chebishev Inequality for Pseudo-Integral, Proceedings of the 7th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP0984C-CDR, 2009, 123-126.
115. B. Mihailović, E. Pap, Ljubo Nedović, Absolutely Monotone real Set Functions, Proceedings of the 7th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP0984C-CDR, 2009, 115-118.
116. E.P. Klement, R. Mesiar, E. Pap, A nonlinear integral which generalizes both the Choquet and the Sugeno integral, 2nd International Conference on Quantitative Logic and Soft Computing (QL&SC2010) to be held October 22-25, 2010, in Jimei University, Xiamen, P. R. China.
117. E. Pap, D. Vivona, Applications of pseudo-analysis in fluid dynamics, Proceedings of the 8th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP1084C-CDR, 207-211, 2010.

118. Dj. Obradović, Z. Konjović, E. Pap, Extending PostGIS by imprecise point objects, Proceedings of the 8th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number:CFP1084C-CDR , 23-28, 2010.
119. E. Pap, M. Georgijević, V. Bojanić, G. Bojanić, Pseudo-analysis application in complex mechanical systems modelling of container quay cranes, Proceedings of the 8th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number:CFP1084C-CDR, 493-496, 2010.
120. E. Pap, Applications of Semirings in Engineering and Social Sciences, Proceedings of the 11th IEEE International Symposium on Computational Intelligence and Informatics, Budapest, 2010, 39-42.
121. R. Mesiar, J. Li, E. Pap, Pseudo-concave integrals, NLMUA 2011 - International Conference on Nonlinear Mathematics, Uncertainty and Applications, (NLMUA 2011), Sep. 07, 2011 - Sep 09, 2011, Beijing / China, Advances in Intelligent and Soft Computing, 2011, Volume 100, Nonlinear Mathematics for Uncertainty and its Applications, Pages 43-49
122. Dj. Obradović, Z. Konjović, E. Pap, I. J. Rudas, Modeling and PostGIS Implementation of the Basic Planar Imprecise Geometrical Objects and Relations, Proceedings of the 9th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP1184C-CDR, ISBN: 978-4577-1973-8, 2011, 157-162.
123. B. Janković, E. Pap, Orderings by Intergenerational Mobility Based on the Semiring of Monotone Matrix, Proceedings of the 9th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP1184C-CDR, ISBN: 978-4577-1973-8, 2011, 133-136.
124. E. Pap, V. Bojanić, G. Bojanić, M. Georgijević, Optimization of Container Quay Cranes Operations, Proceedings of the 9th International Symposium on Intelligent Systems and Informatics SISY Subotica, IEEE Catalog Number: CFP1184C-CDR, ISBN: 978-4577-1973-8, 2011, 137-140.
125. E. Pap, Inequalities for integrals based on nonadditive measures, CINTI 2011, 12th IEEE International Symposium on Computational Intelligence and Informatics, 2122 November, 2011, Budapest, Hungary, IEEE Catalog Number: CFP1124M-CDR, ISBN: 978-1-4577-0043-9, 2011, 17-22.

Papers in Proceedings of domestic scientific conferences

1. G. Devedžić, E. Pap, Machine tools evaluation and ranking using linguistic expressions, YU-INFO Brezovica 1997.
2. E. Pap, I. Štajner, Pseudo-Convolution and Its Applications, Soft and Intelligent Computing in Control Engineering '97, Subotica, 1997, 18-21.

3. E. Pap, N. Ralević, Solving Hamilton-Jacobi Equation from control theory, Soft and Intelligent Computing in Control Engineering '97, Subotica, 1997, 22-25.
4. E. Pap, M. Kapor, Decision Theory Based on Non-Additive Measures and Corresponding Integrals, Soft and Intelligent Computing in Control Engineering '97, Subotica, 1997, 26-28.
5. G. Devedžić, E. Pap, Alternatives Ranking in the Machining Domain-Machine Tools Case, Soft and Intelligent Computing in Control Engineering '97, Subotica, 1997, 29-32.
6. E. Pap, Mathematical Tools for Computational Intelligence, Proc. Workshop on Computational Intelligence, Theory and Applications, Niš (Yugoslavia), February 2001, 11-20.
7. E. Pap, Non-additive Measures for the Computational Intelligence, Proc. Workshop on Computational Intelligence and Information Technologies, Niš (Yugoslavia), June 2001, 11-20.

Encyclopaedia of Mathematics, Kluwer Academic Publishers, Dordrecht

Encyclopaedia of Mathematics, Supplement II, Kluwer Academic Publishers, Dordrecht, 2000

Articles:

1. Brooks-Jewett theorem, 93-94.
2. Diagonal theorem, 152-153.
3. Nikodým boundedness theorem, 357.
4. Nikodým convergence theorem, 358-359.
5. Pap adjoint theorem, 380-381.
6. Triangular norm, 469-470.
7. Vitali-Hahn-Saks theorem, 482.

Encyclopaedia of Mathematics, Supplement III, Kluwer Academic Publishers, Dordrecht, 2001

Articles:

1. Non-additive measure, 281-282
2. Choquet integral, 102-102

Encyclopaedia of Mathematics, Supplement IV, Kluwer Academic Publishers, Dordrecht, 2002

(with *E.P. Klement and R. Mesiar*), Technical report FLLL-TR- 0205

Articles:

1. Fuzzy set
2. Fuzzy logic
3. Fuzzy relation

Textbooks (In Serbo-Croatian)

1. **Pap, E.**, Collection of problems on complex functions of one complex variable, Faculty of Science, Novi Sad, 1970, 202 pgs. **Second** edition 1973.
2. Hadžić, O., **Pap, E.**, Collection of problems on functional analysis, Faculty of Science, Novi Sad, 1972, 136 pgs.
3. **Pap, E.**, Collection of problems on complex functions of one complex variable, Naučna knjiga, Beograd, 1975, 307 pgs. **Second** edition 1986, **Third** edition 1989.
4. **Pap, E.**, Mathematics for bioscientists, I part, Institute of Mathematics, Novi Sad, 1979, 287 pgs.
5. **Pap, E.**, Partial Differential Equations, Gradjevinska knjiga, Beograd, 1985 322 pgs. **Second** edition 1988, **Third** edition 1990 (Naučna kniga, Beograd).
6. **Pap, E.**, Šešelja B., Takači A., Mathematics for bioscientists, Institute of Mathematics, Novi Sad, 1983, 283 pgs. **Second** edition 1987, **Third** edition 1989.
7. **Pap, E.**, Takači, A., Takači, Dj., Kovačević, D., Collection of problems on partial differential equations, Gradjevinska knjiga, Beograd, 1989, 308 pgs.
8. **Pap, E.**, Tošić, R., L.-Crvenković, Z., Mathematics, Naučna knjiga, Novi Sad - Beograd, 1990, 232 pgs.
9. **Pap, E.**, Vukasović, M., L.-Crvenković, Z., Mathematics, Naučna knjiga, Novi Sad, 1990, 148 pgs.
10. **Pap, E.**, Tošić, R., L.-Crvenković, Z., Mathematics, Naučna knjiga, Novi Sad - Beograd, 1995, 264 pgs.

11. **Pap, E.**, L.-Crvenković, Z., Mathematics, Naučna knjiga, Novi Sad, 1996, 183 pgs.
12. **Pap, E.**, Takači, Dj., Takači, A., Analysis I, University of Novi Sad, Novi Sad, 2003, 250 pgs.
13. **Pap, E.**, L.-Crvenković, Z., Mathematics (for IV class), Zavod za udžbenike i nastavna sredstva, Beograd, 2003, 183 pgs.
14. **Pap, E.**, I. Štajner-Papuga, Analysis II, University of Novi Sad, Novi Sad, 2005, 367 pgs.

Congresses and Conferences

Editor of Proceedings

Generalized Functions, Convergence Structures, and Their Applications, Proceedings of an international conference, held June 23 - 27, 1987, in Dubrovnik, Yugoslavia, Plenum Press, New York and London, 1988, 452 pgs.

Scientific journals

Member of the Editorial Board

- Fuzzy Sets and Systems, Elsevier, North-Holland, Area Editor: *Non classical measures and metric spaces*
- Novi Sad J. Math. (former Univ. u Novom Sadu, Zb. Rad. Prirod. Mat. Fak. Ser. Mat., Novi Sad, Yugoslavia), Serbia
- YUJOR- Yugoslav Journal on Operation Research, Serbia
- Tatra Mountains Mathematical Publications, Slovakia
- Archiv of Oncology, Serbia
- Acta Polytechnica Hungarica, Hungary
- The Journal of Nonlinear Science and its Application (TJNSA)
- Panoeconomicus, Serbia
- Applied Computational Intelligence and Soft Computing (Hindawi Publishing Corporation)

Editor of the special issues of the scientific journals

- R. Mesiar, E. Pap, Fuzzy Measures and Integrals, *Fuzzy Sets and Systems* **102**, 3 (1999).
- M. Grabisch, E. Pap, Non-additive measures, *Internat. J. Uncertain. Fuzziness Knowledge-Based Systems* **7** (2000).
- M. Grabisch, R. Mesiar, E. Pap, Fuzzy measures and operations, *Internat. J. Uncertain. Fuzziness Knowledge-Based Systems* **10**, Supplement (2002).
- A. Khrennikov, O. Nanasiova, E. Pap, Measures and conditioning, *Fuzzy Sets and Systems* **155**,1 (2005).

Reviewer for

- Reviewer for Mathematical Reviews since 1986.
- Zentralblatt für Mathematik since 1996, yugoslav and slovak branches

Referee for

- Novi Sad J. Math.,
former Univ. u Novom Sadu, Zb. Rad. Prirod. Mat. Fak. Ser. Mat.
- Publications Institute Mathematics, Belgrade, Yugoslavia
- Fuzzy Sets and Systems, Elsevier, North-Holland, Amsterdam
- Matematički vesnik, Belgrade, Yugoslavia
- Mathematica Slovaca
- Real Analysis and Exchange
- YUJOR
- Aequationes Mathematica, Birkhäuser
- Tatra Mountains Mathematical Publications
- Uncertainty, Fuzziness and Knowledge-Based Systems, World Scientific
- International Journal of Mathematics and Mathematical Sciences
- FILOMAT, Niš
- International Journal of Mathematical Sciences
- Journal of Mathematical Analysis and Applications, Academic Press
- Discrete Applied Mathematics

- International Journal of General Systems
- Soft Computing, Springer-Verlag
- Mathematical Communications, Osijek
- Journal of Science, Sultan Qaboos University
- Soochow Journal of Mathematics, Taiwan
- Computing and Informatics
- Experimental Gerontology
- Archiv of Oncology
- IEEE Transactions on Fuzzy Systems
- Sarajevo Journal of Mathematics, formerly Radovi Matematički
- Kybernetika (Prague)
- Acta Mathematica Hungarica
- Information Sciences
- Turkish Journal of Mathematics
- IEEE Transactions on Systems, Man and Cybernetics
- Mathematische Nachrichten
- Applied Mathematical Letters
- Mathematical and Computer Modelling
- Surveys in Mathematics and its Applications
- European Journal of Operational Research
- Carpathian Journal of Mathematics
- Canadian Mathematical Bulletin
- Fuzzy Optimization and Decision Making
- Journal of Applied Analysis
- Fixed Point Theory and Applications
- Advanced Research in Pure Mathematics
- Annals of Operations Research
- Abstract and Applied Analysis

Memberships

Memberships in the scientific societies

- AMS (American Mathematical Society) since 1976.
- MFAJ (Society of Mathematicians, Physicists and Astronomers of Yugoslavia) since 1974.
- Österreichische Mathematische Gesellschaft since 1976.
- IFSA (EUSFLAT) since 1993, Coordinator of working group GEM (Generalized measures)

Memberships in program committees of traditional international conferences

1. International Linz Seminar on Fuzzy Sets, Linz, Austria (each year)
2. International conference on fuzzy set theory and its applications, FSTA, Liptovsky Jan, Slovakia (each second year)
3. Symposium of operation researchers, SYMOPIS, Serbia (each year)
4. CARTEMI, MEETING ON REAL ANALYSIS AND MEASURE THEORY (each second year) (XII Meeting at July 3-7, 2006)
5. International Max-plus workshop (each second year)
6. International Symposium on Imprecise Probabilities and their applications (every second year), last ISIPTA '01, Cornell University Ithaca, NY, USA 26 - 29 June 2001;
7. International Symposium on Imprecise Probabilities and their applications (every second year), last ISIPTA '03, Lugano, July Switzerland.
8. Euro-International Symposium on Computational Intelligence, Košice, Slovakia, June 16-19, 2002.
9. ISCAM — Conference in Applied Mathematics for undergraduate and graduate students, Bratislava, April (each year).
10. International Summer School on Aggregation Operators and their applications AGOP' 2003, Alcalá de Henares (Madrid), Spain, July 14-18, 2003 and AGOP ' 2005, Lugano, Switzerland.
11. SISY- Symposium on intelligent systems, Subotica (Serbia and Montenegro) (each year starting from 2003.).
12. EUSFLAT-LFA 2005 Joint 4th EUSFLAT & 11th LFA Conference 7-9 September, 2005 - Barcelona, Spain.

13. International Conference on Machine Intelligence, Tozeur, Tunisia, November 5-7, 2005.
14. 10th International Conference on Fuzzy Theory and Technology, July 21-26, 2005, Salt Lake City, Utah, USA.
15. 9th Joint Conference on Information Sciences, October 8-11, 2006, Kaohsiung, Taiwan, ROC
16. 13th International Conference on Fuzzy Theory and Technology, Shenzhen, China, December 15-20, 2008.
17. Sixth International Symposium on Imprecise Probability: Theories and Applications (ISIPTA '09), Durham University, Durham, United Kingdom (July 14-18 2009).
18. International Conference on Fuzzy Computation, ICFC 2009, 5-7 October, 2009, Madeira, Portugal.
19. FSTA 2010 - Tenth International Conference on Fuzzy Set Theory and Applications, Liptovsky Jan, 1.-5. februara, Slovakia.
20. 11th IEEE International Symposium on Computational Intelligence and Informatics, 18-20 novembar 2010, Budapest, 2010.
21. INES 2010 - 14th International IEEE Conference on Intelligent Engineering Systems, 5. - 7. maja 2010, Las Palmas de Gran Canaria.
22. SAMI 2010 - 8th International Symposium on Applied Machine Intelligence and Informatics, 28-30 Januar 2010, Slovakia.
23. ICC-CNTI 2010 - IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics, 27-29 maj 2010, Temivar, Rumunija.
24. EUROFUSE 2011, World Heritage Site of the Douro Wine Region, Rgua, September 21-23, 2011.
25. NLMUA 2011 - International Conference on Nonlinear Mathematics, Uncertainty and Applications, (NLMUA 2011), Sep. 07, 2011 - Sep 09, 2011, Beijing / China.
26. EUROFUSE 2011 - Fuzzy Methods for Knowledge-Based Systems, September 21-23, 2011. Régua, Portugal.
27. EUSFLAT 2011 7th conference of the European Society for Fuzzy Logic and Technology, Aix-les-Bains (France).
28. INTELLI 2012, The First International Conference on Intelligent Systems and Applications, April 29 - May 4, 2012, Shamony, France