CURRICULUM VITAE

Name: Surname: **STANCU-MINASIAN**; First name: **IOAN**

Birth place: Prundu-Argeş, Piteşti, România,
Nationality: Romanian,
Marital status: Married, 1 child,
Secondary education: 1958-1962 The "Nicolae Bălcescu" Gymnasium in Piteşti,
Higher education: 1962-1967 Faculty of Mathematics-Mechanics of the University of Bucharest, Romania,
1967- Graduated from the Faculty of Mathematics-Mechanics at the University of Bucharest, Computer section.

Professional Occupation: - Sept.1967-Aug.1990: Research worker at the Laboratories of Department of Economic Cybernetics, The Academy of Economic Studies, Bucharest. Assistant Professor of mathematics and operations research at the Faculty of Cybernetics of the Academy of Economic Studies. Ocassionally, assistant professor of mathematics at the Bucharest University and the Polytechnic Institut.
- Aug.1990 - Present: Main research worker at Centre for Mathematical Statistics of the Romanian Academy, Bucharest, Romania.
- Scientific Secretary of the Centre for Mathematical Statistics (April 1991-March 2002).
- March 2002 – October 2019: Deputy Director of the "Gheorghe Mihoc – Caius Iacob" Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy.

Honours (citations, awards,etc.) and Doctoral Degrees :

- In 1960 I won third prize at the National Mathematical Olympiad organized by the Romanian Mathematical Society,
- 1976 Ph.D. in Mathematics from the Centre for Mathematical Statistics with the thesis: "Multiple criteria in stochastic programming",
- Since 1990 I have been granted the right to supervise Ph.D. students in Cybernetics under the auspices of the Faculty of Cybernetics, Informatics and Statistics, the Academy of Economic Studies Bucharest and since 1995 I have been granted the right to supervise Ph.D. students in Mathematics under the auspices of Centre for Mathematical Statistics "Gheorghe Mihoc" of the Romanian Academy, Bucharest,
- I was awarded (1987) the "Gheorghe Lazăr" prize of the Romanian Academy for 1984 for my book "Stochastic Programming with Multiple Objective Functions", Editura Academiei, Bucharest and D.Reidel Publishing Company, Dordrecht, 1984.

Editorial Activities:

- Regional Editor of the Journal "Pure and Applied Mathematika Science" (India)(since 1982),
- Secretary of the editorial board of "Revue Roumaine de Mathématiques Pures et Appliquées" (since 1992- last number of 2012),
- Member of the editorial board of the journals "Economic Computation and Economic Cybernetics Studies and Research" (1992-1994), "Applied Medical Informatics" (The official Journal of the Romanian Society for Applied Medical Informatics (SRIMA) (since the first number 1/1995), Advanced Modeling and Optimization (An Electronic International Journal) (since the first number 1/1999), International Journal of Optimization : Theory, Methods and Applications (since the first number 1/2009) and International Journal of Mathematical Modeling, Simulation and Applications (IJMMSA) (since 2010), Revue

d'Analyse Numérique et de Théorie de l'Approximation (ANTA) (since 2011), International Journal of Mathematical Modeling and Computing (IJMMC) (since the first number 1/2013), Journal of the Egyptian Mathematical Society (since number 2/2014)

Memberships in Professional Organizations:

- Member of the Romanian Mathematical Society,
- Founding member of the Romanian Operations Research Society (1990),
- Member of the International Society on Multiple Criteria Decision Making (MCDM),
- Member of the European Working Group "Multicriteria aid for decisions",
- Member of the Association of Balkan Statisticians,
- Founding member of the Romanian Statisticians Society,
- Member of the Working Group on Generalized Convexity (WGGC),
- Member of the American Mathematical Society (since 1999).
- Member of the Society of Probability and Statistics of Romania (SPSR).

Research Interests:

- Mathematical programming (stochastic programming, fractional programming, multiple objective optimization, mathematical programming with inexact data, disjunctive programming, fuzzy programming, generalized convexity).

Visiting Appointments:

- Sept.-Oct.1992 - Faculté Polytechnique de Mons, Sérvice de Mathématique et de Recherche
- Oppérationelle, Belgique,
- 17-29 Oct.1994 - University of Pisa, Department of Statistics and Applied Mathematics, Italy,
- 1 Oct.-15 Nov. 1997 – Universidad Complutense de Madrid, Spain,
- 24 Oct.-9 Nov.1998 – Universidad Complutense de Madrid, Spain.
- 2 -15 Sept. 1996 -Mathematical Institute of the Hungarian Academy of Sciences
- 16 - 29 May 1999; 9 - 22 sept.2001; 10-24 sept. 2003; 3-16 nov. 2004; 14-27 nov. 2005; 25 sept.-8 oct. 2006; 18-25 May 2008; 25 may-5 june 2009; 19-25 September 2010 - SZTAKI, Computer and Automation Research Institute, Hungarian Academy of Sciences.
- 17 - 30 Oct.2001 - Universidad Complutense de Madrid, Spain.
- 20 oct.-3 nov.2003- Universidad Complutense de Madrid, Spain.
- 12 -23 oct.2004 - Università degli Studi Della Tuscia, Italy
- 14 - 28 sept. 2004; 22 sept.-8 oct. 2005 - Univ. Lille 2, France
- 2-17 oct. 2007 Universidad Complutense de Madrid and University of Málaga, Spain.
- 1-12 oct. 2008, Universidad Complutense de Madrid , Spain.

Publications:

a) Books (authored): 4 (în Editura Academiei , D.Reidel Publishing Company and Kluwer Academic Publishers).
b) Books (co-authored): 5 (în Editura Tehnică, Editura Academiei, Editura Didactică şi Pedagogică, Editura Academiei Navale "Mircea cel Bătrân", Constanţa şi Matrix Rom).
c) Papers : 175 published in : Economic Computation and Economic Cybernetics Studies and Research; Rev.Roumaine Math.Pures Appl.; Revista de Statistică; Studii şi Cercetări Matematice; Bull.Math. de la Soc.Sci.Math.de la Roumanie; Operations Research Verfahren; Nat.Acad.Sci.Letters(India); Pure Appl.Math.Sci.(India); Revue d'Analyse

Numérique et de Théorie de l'Approximation; Analele Universităţii "Al.I.Cuza" Iaşi; European J.Oper.Res.; Cahiers Centre Études Rech.Opér.; Studia Universitatis Babeş-Bolyai; Kybernetika(Praga);Mathematica Japonica; Portugaliae Mathematica; Optimization; Operations Research; Foundations of Computing and Decision Sciences (Poland); RAIRO/Rech.Opér.; Bulletin of the Australian Mathematical Society; Glasnik Matematicki (Zagreb); Investigação Operacional (Portugalia); Mathematica Bohemica; Analele Universităţii Bucureşti; AMO-Advanced Modeling and Optimization (An Electronic International Journal); Proc. Romanian Acad. Ser.A; Agricultural Systems; J. Optim. Theory Appl.; Top; Mathematical Reports; Fuzzy Sets and Systems; Journal of Information & Optimization Sciences; Journal of Statistics & Management Systems; J.Math. Anal. Appl.; Annals of the Tiberiu Popoviciu; Seminar of Functional Equations, Approximation and Convexity; Journal of Applied Mathematics and Computing; Journal of Global Optimization; Nonlinear Analysis Forum; YUJOR-Yugoslav Journal of Operations Research; International Journal of Computational Science; Nonlinear Analysis: Theory, Methods & Applications; Applied Mathematics and Computation; Mathematical and Computer Modelling; Journal of Applied Mathematics and Informatics; Southeast Asian Bulletin of Mathematics; Bulletin of the Malaysian Mathematical Sciences Society; Journal of Mathematical Modelling and Algorithms in Operations Research; Journal of Nonlinear Analysis and Optimization: Theory & Applications; Journal of Applied Analysis; Annals of the University of Craiova, Mathematics and Computer Science Series; Operational Research, An international journal; Opsearch; Journal of Nonlinear and Convex Analysis; Numerical Functional Analysis and Optimization; Rendiconti del Circolo Matematico di Palermo;

Participations in National and International Meetings:

- IVéme Congrès des mathématiciens d'expression latine, Bucureşti-Braşov, România, September 17-24, 1969,
- Colloque on Constructive Function Theory, Cluj-Napoca, România, September 6-12, 1973,
- Conference on Probability Theory, Braşov, România ,1974, 1979, 1982,
- The Third International Congress of Cybernetics and Systems, Bucureşti, România, August 25-29, 1975,
- IXth International Symposium on Mathematical Programming, Budapest, Hungary, August 23-27, 1976,
- International Conference on Stochastic Programming, Praga, , Czechoslovakia , September 15-19, 1986,
- International Workshop on Multicriteria Decision Making (Methods, Algorithms, Applications), Liblice, Castle, Czechoslovakia, 1991,
- EURO XII/TIMS XXXI Joint International Conference Operational Research/Management Science, Helsinki , Finland, June 29-July 1, 1992,
-36th Meeting of the European Working Group "Multicriteria aid for decisions", Luxembourg, 15-16 Oct.1992,
- The third Conference on Nonlinear Analysis, Numerical Analysis and Applied Mathematics, Constanţa, România, May 26-30, 1993,
- XIth International Conference on Multiple Criteria Decision Making, Coimbra, Portugal, 1st-6th August, 1994,
- The Fourth Conference on Nonlinear Analysis, Numerical Analysis and Applied Mathematics, Constanţa, România, May 26-30, 1995,
- FRANCORO/Recontres francophones de Recherche Opérationnelle-Mons, Belgique, 11-14 Juin,1995,
- XII International Conference on Multiple Criteria Decision Making, Hagen, Germany, 19-23 June,1995,

- Itinerant Seminar on Functional Equations, Approximation and Convexity, Cluj-Napoca, România, 1985, 1987, 1988, 1989, 1990, 1992, 1993, 1995, 1996, 1997,
- Second International Conference in Multi-objective Programming and Goal Programming (MOPGP'96), Torremolinos, Spain, 15-18 May, 1996,
- Scientific session of the Faculty of Mathematics, 28-30 November 1996, University of Bucharest.
- EURO XVI (16-th European Conference on Operational Research), Brussels, Belgia, 12-15 iulie 1998,
- The seventh Conference on Nonlinear Analysis, Numerical Analysis and Applied Mathematics, 27-30 May 1999, Constanţa – Eforie Nord, România,
- Summer School and 6th International Symposium on Generalized Convexity/Monotonicity. Karlovassi, Samos, Greece, 25 Aug.-3 Sept. 1999,
- 15th International Conference on Multiple Criteria Decision Making, Ankara, Turkey, July 10-14, 2000,
- 5-ème Colloque Franco-Roumain de Mathématiques-Appliquées, Constanţa, 28 août-1er septembre 2000.
- 6th Conference of the Society of Probability and Statistics of Romania, Bucharest, Romania, 21-22 february 2003.
- The 5th Congress of Romanian Mathematicians, June 22-28, 2003, Pitesti, Romania.
- The First Conference on Operation Research and Applications, 3-6 sept.2003, Constanta, Romania.
- 7th Conference of the Society of Probability and Statistics of Romania, Bucharest, Romania, 20-21 february 2004.
- Second Conference of the Mathematical Society of the Republic of Moldova dedicated to the 40 anniversary of the foundation of the Institute of Mathematics and Computer Science of ASM, Chisinau, August 17-19, 2004.
- Conference on Analysis, Functional Equations, Approximation and Convexity in Honour of Professor Elena Popoviciu, Cluj-Napoca 2004.
- 8th Conference of the Society of Probability and Statistics of Romania, Bucharest, Romania 22- 23 April 2005.
- 7th Balcan Conference on Operational Research, Constanta, 25-28 May, 2005, Romania.
- 8th International Symposium on Generalized Convexity and Generalized Monotonicity, Varese (Italy), 4-8 July , 2005.
- 9th Conference of the Society of Probability and Statistics of Romania, Bucharest, Romania 28-29 April 2006.
- INTAS Summer School "Nonlinear analysis with applications in Economics, Energy and Transportation" 5-9 iunie 2006, Bergamo, Italy.
- 10th Conference of the Society of Probability and Statistics of Romania, Bucharest, Romania 13-14 April 2007.
- Workshop "Services and Software Architectures, Infrastuctures and Engineering for enhancing EU Citizen's Quality of Live", May 17-18, 2007, Bucharest, Romania.
- The 6th Congress of Romanian Mathematicians, June 28- July 4, 2007, Bucharest, Romania.
- International Conference "Trends and Challenges in Applied Mathematics", June 20-23, 2007, Technical University of Civil Engineering, Bucharest, Romania.
- EURO XXII, 22nd European Conference on Operational Research, Prague, July 8-11, 2007.
- BALCOR 2007, 8th Balkan Conference on Operational Research, Belgrad-Zlatibor, Serbia, September, 14th -17th , 2007.
- 11th Conference of the Society of Probability and Statistics of Romania, Bucharest, 18 April 2008.
- Fifth European Congres of Mathematics, 14-18 July, 2008, Amsterdam, The Netherlands.
- International Conference Semicentennial "Tiberiu Popoviciu" Institute of Numerical Analysis, May 7-19, 2008, Cluj-Napoca, Romania.

- 12th Conference of the Society of Probability and Statistics of Romania, Constanţa, 10 April 2009.
- EURO XXIII, 23rd European Conference on Operational Research, Bonn, July 5-8, 2009.
- The 9th Balkan Conference on Operational Research (BALCOR 2009), September 2-6, 2009, Constanţa, Romania.
- 13th Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 16 , 2010.
- EURO XXIV, 24th European Conference on Operational Research, Lisbon, July 11-14, 2010.
- The 2nd International Conference on Operational Research-ICOR 2010, September 9-11, 2010, Constanţa, Romania.
- 14th Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 29-30, 2011.
- 7th Congress of Romanian Mathematicians, June 29-July 5, 2011, Braşov, Romania.
- 10th International Symposium on Generalized Convexity and Monotonicity, August 22-27, 2011, Cluj-Napoca, Romania.
- 1st International Symposium & 10th Balkan Conference on Operational Research (BALCOR 2011), September 22-24, 2011, Thessaloniki Greece.
- International Conference on Optimization Theory, Algorithms and Applications in Economics. Universitat Automata de Barcelona, Bellaterra, Spain, October 24-28, 2011.
-15th Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 27-28, 2012.
- EURO XXV, 25 th European Conference on Operational Research, Vilnius, Lithuania, July 8-11, 2012.
- The World Congress on Engineering, July 4-6, 2012, London, U.K.
- 16th Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 26-27, 2013, Academia de Studii Economice
- XXVI EURO-INFORMS, 26th European Conference on Operational Research, ‚Sapienta' University of Rome, Roma 1-4 July, 2013.
- BALCOR 2013, 11th Balcan Conference on Operational Research, Belgrade & Zlatibor, 7-11 September, 2013.
- 21st Conference on Applied and Industrial Mathematics (CAIM 2013), 19-22 sept., 2013, Bucharest, Romania.
- 17th Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 25-26, 2014, Universitatea Tehnică de Construcţii.
- 18th Conference of the Society of Probability and Statistics of Romania, 8 Mai 2015, Universitatea din Bucureşti, Facultatea de Matematică şi Informatică.
- The 12th Balkan Conference on Operational Research (BALCOR 2015), September 9-13, 2015, Constanţa, Romania.
- 21st Conference of the Society of Probability and Statistics of Romania, Bucureşti, April 13-14, 2018, Academia de Studii Economice
22st Conference of the Society of Probability and Statistics of Romania, Bucureşti, May 10-11, 2019, IMAR, Bucureşti.

List of publications

Books (authored)

1. *Programarea stocastică cu mai multe funcţii-obiectiv*. Editura Academiei Române, Bucureşti, 1980, 258 pages.
2. *Stochastic Programming with Multiple Objective Functions*. Editura Academiei Române and D. Reidel Publishing Company, Dordrecht, The Netherlands, 1984, 334 pages.

3. *Metode de rezolvare a problemelor de programare fracţionară*. Editura Academiei Române, Bucureşti, 1992, 316 pages.
4. *Fractional Programming. Theory, Methods and Applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands 1997, viii +426 pages.

Books (co-authored)

1. N. Teodorescu; Gh. Boldur; M. Stoica; I.M. Stancu-Minasian and I. Băncilă: *Metode ale cercetării operaţionale în gestiunea întreprinderilor*. Editura tehnică, Bucureşti, România, 1972, 286 pages.
2. *Aplicaţii ale ciberneticii economice în industria chimică*. Editura Academiei Române, Bucureşti, România, 1973, 316 pages.
3. D.M. Bătineţu-Giurgiu; I.V. Maftei and I.M. Stancu-Minasian: *Exerciţii şi probleme de analiză matematică pentru clasele a XI-a şi a XII-a*. Editura Didactică şi Pedagogică, Bucureşti, România, 1981, 238 pages.
4. I.M. Stancu-Minasian; Gheorghe Dogaru and Iulian Antonescu: *Culegere de probleme de matematică pentru admiterea în învăţământul superior*. Editura Academiei Navale "Mircea cel Bătrân", Constanţa, 2002, 450 pages.
5. I.M. Stancu-Minasian and Narcisa Teodorescu: *Programarea fracţionară cu mai multe funcţii-obiectiv*. Matrix Rom, Bucureşti, 2011, 230 pages.

Research papers

1. I.M. Stancu-Minasian and M. Stoica: *O aplicaţie a taxonomiei la stabilirea liniilor tehnologice într-un proces de fabricaţie*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 3, 1969, 41-49.*An application of taxonomy in determining the technological lines in a manufacturing process*. Economic Computation and Economic Cybernetics Studies and Research nr. 4, 1969, 47-54.

2. I.M. Stancu-Minasian and Gh. Boldur: *Elaborarea planului de producţie al unei întreprinderi ţinând seama de mai multe criterii de eficienţă*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 1, 1970, 13-21.

3. I.M. Stancu-Minasian: *Studiul problemei de afectare folosind teoria grafelor*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 5, 1970, 53-68. *The utilization of the graph theory in solving the assignment problem*. Economic Computation and Economic Cybernetics Studies and Research nr. 2, 1970, 69-84.

4. Gheorghe Boldur and Ion M. Stancu-Minasian : *Méthode de résolution de certains problèmes de programmation linéaire multidimensionnelle*. Rev. Roumaine Math. Pures Appl., Tome XVI nr. 3, 1971, 313-326.

5. M. Stoica and I.M. Stancu-Minasian : *Calculul mediilor statistice cu ajutorul teoriei grafelor*. Revista de statistică, nr. 6, 1971, 3-7. *Computation of statistical means with the help of the theory of graphs*. Economic Computation and Economic Cybernetics Studies and Research nr. 4, 1971, 29-34.

6. Marcel Stoica and I.M. Stancu-Minasian: *O metodă de rezolvare aproximativă a ecuaţiilor de grad superior*. Studii şi cercetări matematice, Tomul 23, nr. 6, 1971, 897-910.

7. H. Chelariu and I.M. Stancu-Minasian: *Folosirea metodelor statistico-matematice la elaborarea funcţiilor de calitate în probleme de amestec*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 4, 1971, 17-25.

Utilization of statistical mathematical methods in working out quality functions in mixture problems. Economic Computation and Economic Cybernetics Studies and Research nr.3, 1971, 57-66.

8. I.M. Stancu-Minasian and C.N. Sima: *Optimizarea transporturilor făinii destinată fondului pieţei*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 4, 1972, 83-88.

9. I.M. Stancu-Minasian; H. Chelariu and L. Spircu: *Modelarea statistico-matematică a funcţiilor de calitate în probleme de amestec*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 6, 1972, 25-38. *A statistical mathematical modelling of the quality functions in bleding problems*. Economic Computation and Economic Cybernetics Studies and Research nr.4, 1972, 83-97.

10. Gheorghe Boldur and I.M. Stancu-Minasian: *Programarea liniară cu mai multe funcţii obiectiv: Privire de ansamblu*. Studii şi cercetări matematice, Tomul 24, nr. 8, 1972, 1169-1191.

11. I.M. Stancu-Minasian; Liliana Spircu and M. Vatcu: *Modelarea matematică a procesului de amestec al produselor petroliere*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 5, 1973, 35-45.*Mathematical modelling of oil blending process*. Economic Computation and Economic Cybernetics Studies and Research nr. 3, 1973, 55-65.

12. I.M. Stancu-Minasian: *Programarea stohastică cu mai multe funcţii obiectiv*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 2, 1974, 57-74.*Stochastic programming with multiple objective functions*. Economic Computation and Economic Cybernetics Studies and Research nr. 1, 1974, 49-67.

13. I.M. Stancu-Minasian: *A three-dimensional transportation problem with a special structured objective function*. Bull. Math. Soc. Sci. Math. Roumanie (N.S.), Tome 18(66), 1974, nr. 3-4, 385-397.

14. I.M. Stancu-Minasian: *Notă asupra programării stochastice cu mai multe funcţii-obiectiv având vectorul c aleator*. Studii şi cercetări matematice, Tomul 27, nr. 4, 1975, 453-459.

15. I.M. Stancu-Minasian: *On stochastic programming with multiple objective functions*. Proceedings of the Fifth Conference on Probability Theory, Braşov 1-6 sept. 1974, Editura Academiei Române, Bucureşti, 1977, 429-436.

16. I.M. Stancu-Minasian: *Asupra problemei lui Kataoka*. Studii şi cercetări matematice, Tomul 28, nr. 1, 1976, 95-111.

17. I.M. Stancu-Minasian: *Asupra problemei de risc minim multiplu* I: *Cazul a două funcţii-obiectiv*. Studii şi cercetări matematice, Tomul 28, nr. 5, 1976, 617-623.

18. I.M. Stancu-Minasian: *Asupra problemei de risc minim multiplu* II: *cazul a r (r>2) funcţii-obiectiv* . Studii şi cercetări matematice, Tomul 28, nr. 6, 1976, 723-734.

19. I.M. Stancu-Minasian: *Analiza unor puncte de vedere în programarea matematică cu mai multe funcţii-obiectiv*. Studii şi Cercetări de Calcul Economic şi Cibernetică Economică nr. 1, 1976, 37-48. *Analysing several points of view in mathematical programming with*

several objective functions. Economic Computation and Economic Cybernetics Studies and Research nr.1, 1976, 17-29.

20. Ion. M. Stancu: *Multiple criteria in stochastic programming*. Ph. D. Thesis, Centre for Mathematical Statistics, Bucharest, 1976. (Romanian).

21. I.M. Stancu-Minasian and M.J. Wets: *A research bibliography in stochastic programming 1955-1975*. Operations Research, 24(1976)6, 1078-1119.

22. M. Stoica; I.M. Stancu-Minasian and E. Scarlat: *Asupra problemelor de clasificare de dimensiuni mari*. Revista de statistică, nr. 5, 1976, 32-37.*On large-scale classification problems using fuzzy sets*. Economic Computation and Economic Cybernetics Studies and Research nr. 1, 1977, 93-102.

23. I.M. Stancu-Minasian and Gh. Orzan: *Stabilirea structurii optime a planului la UREMOAS prin programarea multidimensională*. Volumul cu lucrările celui de al doilea Simpozion de Informatică şi Conducere, Cluj, 1976, Editura Dacia, Cluj-Napoca, 1977, 23-29.

24. Mihai Păun; E. Dumitrescu and I.M. Stancu-Minasian: *Sistem informatic pentru conducerea lucrărilor de reparaţii şi revizii generale*. In: Probleme actuale de informatică şi conducere. Al III-lea simpozion de informatică, 11-18 mai 1977, Cluj-Napoca, Editura Dacia, Cluj-Napoca, 1977, 91-98.

25. Gh. Ciobanu; C. Albu; D. Chira; C. Hartulari; M. Păun; L. Spircu; I.M. Stancu-Minasian and D. Vişan: *An operative scheduling of production system*. In: Modern Trends in Cybernetics and Systems. Vol. II. Editura Tehnică and Springer-Verlag, Berlin, Heidelberg, New York, 1977, 883-887.

26. I.M. Stancu-Minasian and M. D. Stoica: *An application of the Markov chains and simulation to the study of some petrochemical processes*. Economic Computation and Economic Cybernetics Studies and Research nr. 2, 1977, 63-75. Also in: L'analyse numérique et la théorie de l'approximation 6(1), 1977, 85-94.

27. I.M. Stancu-Minasian:*Problema Cebîşev stochastică. Funcţia de repartiţie a optimului*. Studii şi cercetări matematice, Tomul 30, nr.5, 1978, 567-577.

28. I.M. Stancu-Minasian: *On a class of non-linear fractional programming problems*. Rev. Roumaine Math. Pures Appl., Tome XXIII, nr.2, 1978, 285-290.

29. I.M. Stancu-Minasian: *On the transportation problem with multiple objective functions*. Bull. Math. Soc. Sci. Math. Roumanie. (N.S.), Tomul 22(70), nr.3, 1978, 315-328.

30. I.M. Stancu-Minasian: *On the multiple minimum-risk problem*. Bull. Math. Soc. Sci. Math. Roumanie. (N.S.), Tomul 23(71), nr.4, 1979, 427-437.

31. *Sistemul reparaţiilor şi reviziilor utilajelor într-o întreprindere metalurgică*. Volumul cu lucrările prezentate la sesiunea ştiinţifică "Perfecţionarea metodelor de prelucrare a datelor statistice", Direcţia Centrală de Statistică, 15-17 martie 1979. Direcţia Centrală de Statistică, 1980, 289-299.

32. I.M. Stancu-Minasian: *Applications of the fractional programming.* Economic Computation and Economic Cybernetics Studies and Research, Tomul XIV, nr. 1, 1980, 69-86.

33. (with C. Hartulari) *Modelarea problemei de programare operativă a producţiei la secţia Plase Sudate I.S.P.S. Buzău.* In: Informatică pentru Conducere. Progrese în Informatica Românească, Cluj-Napoca, 1980, 146-148.

34. I.M. Stancu-Minasian : *Asupra unei probleme de programare fracţionară.* Buletin Ştiinţific, Seria Tehnică-Matematică, Vol.IV. Institutul de Învăţământ Superior Sibiu, 1981, 37-42.

35. I.M. Stancu-Minasian:*Fractional programming in complex space. The state of the art.* Rev. Roumaine Math. Pures Appl., Tome XXVI, nr.3, 1981, 481-491.

36. Liliana Spircu; I.M. Stancu-Minasian and N. Laszlo: *Metode şi algoritmi pentru proiectarea de arhitectură.* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 15 nr. 1, 1981, 53-60. *Cybernetic system of architecture projecting.* Economic Computation and Economic Cybernetics Studies and Research, Vol. XVIII, nr. 3, 1983, 85-94

37. I.M. Stancu-Minasian:*A survey of methods used for solving the linear fractional programming problems with several objective functions.* Fifth Symposium on Operations Research (Univ. Köln, 1980). Operations Research Verfahren, Vol. 40. Verlag Anton Hain, Königstein, 1981, 159-162.

38. Vivek Patkar and I.M. Stancu-Minasian: *Approaches for solving a class of non-differentiable non-linear fractional programming problems.* Nat. Acad. Sci. Letters (India), Vol. 4, nr.12, 1981, 477-480.

39. I.M. Stancu-Minasian : *Bibliography of fractional programming : 1960-1976.* Pure Appl. Math. Sci. (India), 13(1-2), 1981, 35-69.

40. I.M. Stancu-Minasian: *A survey of methods used for solving the problems of fractional programming. The linear case* I, II. Bull. Math. Soc. Sci. Math. Roumanie (N.S.) 25 (73), nr.3, 1981, 313-319, ibid. 25 (73), nr.4, 1981, 415-430.

41. Constantin Bilciu and I.M. Stancu-Minasian: *Bibliographic study on the Romanian contribution to the development of cybernetics.* In: History of Sciences in Romania. Cibernetics. Editura Academiei Române,Bucharest, 1981, 174-223.

42. Vivek Patkar and I.M. Stancu-Minasian: *On disjunctive linear fractional programming.* Economic Computation and Economic Cybernetics Studies and Research XVII, nr. 2, 1982, 87-96.

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Data

23.05.2022