

## CURRICULUM VITAE

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

**Date of birth :** 30 May 1944,

**Birth place :** Prundu-Argeș, Pitești, România,

**Nationality :** Romanian,

**Marital status :** Married, 1 child,

**Secondary education :** 1958-1962 The “Nicolae Bălcescu” Gymnasium in Pitești,

**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. Occasionally, 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 – Present : 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, 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, Boston, Lancaster, 1984.

### **Editorial Activities:**

- Regional Editor of the Journal “Pure and Applied Matematika 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” (since 1992), “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, Sêrvice de Mathématique et de Recherche Opêrationelle, 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 și Pedagogică, Editura Academiei Navale “Mircea cel Bătrân”, Constanța și Matrix Rom).
- c) Papers : 175 published in : Economic Computation and Economic Cybernetics Studies and Research; Rev.Roumaine Math.Pures Appl., Revista de Statistică, Studii și 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 Universității “Al.I.Cuza” Iași, European J.Oper.Res., Cahiers Centre Études Rech.Opêr., Studia Universitatis Babeș-Bolyai, Kybernetika (Praga), Mathematica Japonica, Portugaliae Mathematica, Optimization, Operations Research, Foundations of Computing and Decision Sciences (Poland), RAIRO/Rech.Opêr., Bulletin of the Australian Mathematical Society, Glasnik Matematicki (Zagreb), Investigação Operacional (Portugalia), Mathematica Bohemica, Analele Universității

București, 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;

**Participations in National and International Meetings:** 61 in national and international conferences

### List of publications

#### Books (authored)

1. *Programarea stocastică cu mai multe funcții-obiectiv*. Editura Academiei Române, București, 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 fracționară*. Editura Academiei Române, București, 1992, 316 pages.
4. *Fractional Programming. Theory, Methods and Applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands 1997, viii +426 pages.

#### Books (co-authored)

1. (with N. Teodorescu, Gh. Boldur, M. Stoica and I. Băncilă) *Metode ale cercetării operaționale în gestiunea întreprinderilor*. Editura tehnică, București, România, 1972, 286 pages.
2. *Aplicații ale ciberneticii economice în industria chimică*. Editura Academiei Române, București, România, 1973, 316 pages.
3. (with D.M. Băținețu-Giurgiu and I.V. Maftai) *Exerciții și probleme de analiză matematică pentru clasele a XI-a și a XII-a*. Editura Didactică și Pedagogică, București, România, 1981, 238 pages.
4. (with Gheorghe Dogaru and Iulian Antonescu) *Culegere de probleme de matematică pentru admiterea în învățământul superior*. Editura Academiei Navale "Mircea cel Bătrân", Constanța, 2002, 450 pages.
5. (with Narcisa Teodorescu), *Programarea fracționară cu mai multe funcții-obiectiv*. Matrix Rom, București, 2011, 230 pages.

#### Research papers

1. (with M. Stoica) *O aplicație a taxonomiei la stabilirea liniilor tehnologice într-un proces de fabricație*. Studii și Cercetări de Calcul Economic și 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. (with Gh. Boldur) *Elaborarea planului de producție al unei întreprinderi ținând seama de mai multe criterii de eficiență*. Studii și Cercetări de Calcul Economic și Cibernetică Economică nr. 1, 1970, 13-21.
3. *Studiul problemei de afectare folosind teoria grafelor*. Studii și Cercetări de Calcul Economic și 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. (avec Gh. Boldur) *Méthode de résolution de certains problèmes de programmation linéaire multidimensionnelle.* Rev. Roumaine Math. Pures Appl., Tome XVI nr. 3, 1971, 313-326.
5. (with M. Stoica) *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. (with M. Stoica) *O metodă de rezolvare aproximativă a ecuațiilor de grad superior.* Studii și cercetări matematice, Tomul 23, nr. 6, 1971, 897-910.
7. (with H. Chelariu) *Folosirea metodelor statistico-matematice la elaborarea funcțiilor de calitate în probleme de amestec.* Studii și Cercetări de Calcul Economic și 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. (with C. N. Sima) *Optimizarea transporturilor făinii destinată fondului pieței.* Studii și Cercetări de Calcul Economic și Cibernetică Economică nr. 4, 1972, 83-88.
9. (with H. Chelariu and L. Spircu) *Modelarea statistico-matematică a funcțiilor de calitate în probleme de amestec.* Studii și Cercetări de Calcul Economic și Cibernetică Economică nr. 6, 1972, 25-38.  
*A statistical mathematical modelling of the quality functions in blending problems.* Economic Computation and Economic Cybernetics Studies and Research nr. 4, 1972, 83-97.
10. (with Gh. Boldur) *Programarea liniară cu mai multe funcții obiectiv : Privire de ansamblu.* Studii și cercetări matematice, Tomul 24, nr. 8, 1972, 1169-1191.
11. (with L. Spircu and M. Vatu) *Modelarea matematică a procesului de amestec al produselor petroliere.* Studii și Cercetări de Calcul Economic și 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. *Programarea stohastică cu mai multe funcții obiectiv.* Studii și Cercetări de Calcul Economic și 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. *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. *Notă asupra programării stohastice cu mai multe funcții-obiectiv având vectorul  $c$  aleator.* Studii și cercetări matematice, Tomul 27, nr. 4, 1975, 453-459.
15. *On stochastic programming with multiple objective functions.* Proceedings of the Fifth Conference on Probability Theory, Brașov 1-6 sept. 1974, Editura Academiei Române, București, 1977, 429-436.
16. *Asupra problemei lui Kataoka.* Studii și cercetări matematice, Tomul 28, nr. 1, 1976, 95-111.
17. *Asupra problemei de risc minim multiplu I: Cazul a două funcții-obiectiv.* Studii și cercetări matematice, Tomul 28, nr. 5, 1976, 617-623.
18. *Asupra problemei de risc minim multiplu II: cazul a  $r$  ( $r > 2$ ) funcții-obiectiv.* Studii și cercetări matematice, Tomul 28, nr. 6, 1976, 723-734.

19. *Analiza unor puncte de vedere în programarea matematică cu mai multe funcții-obiectiv*. Studii și Cercetări de Calcul Economic și 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. *Multiple criteria in stochastic programming*. Ph. D. Thesis, Centre for Mathematical Statistics, Bucharest, 1976. (Romanian).
21. (with M.J. Wets) *A research bibliography in stochastic programming 1955-1975*. Operations Research, 24(1976)6, 1078-1119.
22. (with M. Stoica 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. (with Gh. Orzan) *Stabilirea structurii optime a planului la UREMOAS prin programarea multidimensională*. Volumul cu lucrările celui de al doilea Simpozion de Informatică și Conducere, Cluj, 1976, Editura Dacia, Cluj-Napoca, 1977, 23-29.
24. (with M. Păun and E. Dumitrescu) *Sistem informatic pentru conducerea lucrărilor de reparații și revizii generale*. In: Probleme actuale de informatică și conducere. Al III-lea simpozion de informatică, 11-18 mai 1977, Cluj-Napoca, Editura Dacia, Cluj-Napoca, 1977, 91-98.
25. (with Gh. Ciobanu, C. Albu, D. Chira, C. Hartulari, M. Păun, L. Spiru and D. Vișan) *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. (with M. 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. *Problema Cebîșev stohastică. Funcția de repartiție a optimului*. Studii și cercetări matematice, Tomul 30, nr.5, 1978, 567-577.
28. *On a class of non-linear fractional programming problems*. Rev. Roumaine Math. Pures Appl., Tome XXIII, nr.2, 1978, 285-290.
29. *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. *On the multiple minimum-risk problem*. Bull. Math. Soc. Sci. Math. Roumanie. (N.S.), Tomul 23(71), nr.4, 1979, 427-437.
31. *Sistemul reparațiilor și reviziilor utilajelor într-o întreprindere metalurgică*. Volumul cu lucrările prezentate la sesiunea științifică "Perfecționarea metodelor de prelucrare a datelor statistice", Direcția Centrală de Statistică, 15-17 martie 1979. Direcția Centrală de Statistică, 1980, 289-299.
32. *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 producției la secția Plase Sudate I.S.P.S. Buzău*. In: Informatică pentru Conducere. Progrese în Informatica Românească, Cluj-Napoca, 1980, 146-148.
34. *Asupra unei probleme de programare fracționară*. Buletin Științific, Seria Tehnică-Matematică, Vol.IV. Institutul de Învățământ Superior Sibiu, 1981, 37-42.

35. *Fractional programming in complex space. The state of the art.* Rev. Roumaine Math. Pures Appl., Tome XXVI, nr.3, 1981, 481-491.
36. (with L. Spircu and N. Laszlo) *Metode și algoritmi pentru proiectarea de arhitectură.* Studii și Cercetări de Calcul Economic și 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. *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. (with V. Patkar) *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. *Bibliography of fractional programming : 1960-1976.* Pure Appl. Math. Sci. (India), 13(1-2), 1981, 35-69.
40. *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. (with C. Bilciu) *Bibliographic study on the Romanian contribution to the development of cybernetics.* In: History of Sciences in Romania. Cybernetics. Editura Academiei Române, Bucharest, 1981, 174-223.
42. (with V. Patkar) *On disjunctive linear fractional programming.* Economic Computation and Economic Cybernetics Studies and Research XVII, nr. 2, 1982, 87-96.
43. *Recent results in stochastic programming with multiple objective functions.* In: Multiobjective and Stochastic Optimization. M. Grauer, A. Lewandowski and A.P. Wierzbicki (eds.) IIASA, Collaborative Proceedings Series (Austria) 1982, 79-96.
44. *A second bibliography of fractional programming : 1977-1981.* Pure Appl. Math. Sci. (India), 17(1-2), 1983, 87-101.
45. (with S. Țigan) *Criteriul riscului minim pentru problema Cebîșev.* Lucrările celui de al 4-lea Simpozion "Modelarea cibernetică a proceselor de producție", 26-28 mai 1983, vol. I, 338-342.
46. (with S. Țigan) *The minimum-risk approach to special problems of mathematical programming. The distribution function of the optimal value.* Mathematica-Revue d'Analyse Numérique et de Théorie de l'Approximation 13(2), 1984, 175-187.
47. (with E. Dumitrescu) *Algorithm pentru testarea planarității unui graf cu aplicații în proiectare.* Studii și Cercetări de Calcul Economic și Cibernetică Economică, 19(1), 1984, 57-68.
48. (with S. Țigan) *The vectorial minimum-risk problem .* Proceedings of the Colloquium on Approximation and Optimization, Cluj-Napoca, October 25-27, 1984, 321-328.
49. (with V. Patkar) *Parametric algorithm for a class of disjunctive linear fractional programs.* Bull. Math.Soc. Sci. Math. Roumanie (N.S.) 29(77), nr.3, 1985, 279-284.
50. (with S. Țigan) *The minimum-risk approach to max-min bilinear programming.* Analele Universității "A.I. Cuza" din Iași, Tomul XXXI, , sIIb, 1985, 205-209.
51. (with V. Patkar) *Duality in disjunctive linear fractional programming.* European J.Oper. Res. 21 (1985), 101-105.

52. (with St. Țigan) *The stochastic max-min problem*. Methods of Operations Research, Vol.51, 1984, 119-126. Also in: Cahiers Centre Étude Rech. Opér. 27 (3-4), 1985, 247-254.
53. (with L. Spircu, A. Galupa, E. Dumitrescu and Cs. Fabian) *Sistem cibernetic pentru conducerea procesului de elaborare a șarjelor de oțel în cuptoarele electrice*. Studii și Cercetări de Calcul Economic și Cibernetică Economică, 20(2), 1985, 13-22.  
*Cybernetic system for the control of steel batch manufacturing process in electric furnaces*. Economic Computation and Economic Cybernetics Studies and Research 20(2), 1985, 21-30.
54. (with V. Patkar) *A note on nonlinear fractional max-min problem*. Nat. Acad. Sci. Letters (India), 8(2), 1985, 39-41.
55. *A third bibliography of fractional programming*. Pure Appl. Math. Sci. (India), 22(1-2), 1985, 109-122.
56. *An overview of separable fractional programming problem*. Mathematica-Revue d'Analyse Numérique et de Théorie de l'Approximation 14(1), 1985, 91-96.
57. (with S. Țigan) *The stochastic bottleneck transportation problem*. Mathematica-Revue d'Analyse Numérique et de Théorie de l'Approximation, 14(2), 1985, 153-158.
58. (with V. Patkar) *A note on duality theory for an indefinite functional programming problem*. Studia Universitatis Babeș-Bolyai, Anul XXXI, nr. 1, 1986, 23-26.
59. (with S. Țigan) *Criteriul riscului minim în programarea stocastică*. Volumul cu lucrările Sesiunii Științifice a Centrului de Calcul al Universității București, 1987, 392-397.
60. (with D.Duca) *Mathematical programming in complex space: a comprehensive bibliography*. L'Analyse Numérique et la Théorie de l'Approximation 17(2), 1988, 133-140.
61. (with S. Țigan) *A stochastic approach to some linear fractional goal programming problems*. Kybernetika (Praga), 24(2), 1988, 139-149.
62. (with S. Țigan) *On some fractional max-min programming models occurring in stochastic linear programming*. Seminarul "Theodor Angheluță", Cluj-Napoca, 1988, 523-526.
63. (with Cs. Fabian, E. Dumitrescu, L. Spircu and A. Galupa). *Sistem informatic pentru conducerea procesului de elaborare a șarjelor de oțel în cuptoare electrice*. Studii și Cercetări de Calcul Economic și Cibernetică Economică, nr.3, 1988, 27-37.  
*Information system for the management of steel smelting process in electric furnaces*. Economic Computation and Economic Cybernetics Studies and Research XXIV(2-3), 1989, 41-50.
64. (with D.Duca and T. Nishida) *Multiple objective linear fractional optimization in complex space*. Mathematica Japonica, 35, (1990) 1, 195-203.
65. *Overview of different approaches for solving stochastic programming problems with multiple objective functions*. In: Stochastic versus Fuzzy Approaches to Multiobjective Mathematical Programming under Uncertainty, R. Slowinski and J. Teghem (eds.), Kluwer Academic Publishers, 1990, 71-101.
66. (with S. Țigan) *Multiobjective mathematical programming with inexact data*. In: Stochastic versus Fuzzy Approaches to Multiobjective Mathematical Programming under Uncertainty, R. Slowinski and J. Teghem (eds.), Kluwer Academic Publishers, 1990, 395-418.
67. (with S. Țigan) *On some fractional programming models occurring in minimum-risk problems*. In: Generalized Convexity and Fractional Programming with Economic Applications. A. Cambini, E.

68. (with V. Patkar) *Recent results in disjunctive linear fractional programming*. In: Generalized Convexity and Fractional Programming with Economic Applications. A. Cambini, E. Castagnoli, L. Martein, P. Mazzoleni and S. Schaible (Eds.). Proceedings of the International Workshop on "Generalized Concavity, Fractional Programming and Economic Applications" held at the University of Pisa, Italy, May 30 – June 1, 1988. Lecture Notes in Economics and Mathematical Systems, 345, Springer – Verlag, 1990, 99-105.
69. (with E. Dumitrescu and Angela Galupa) *Aspecte de eficiență ale conducerii interactive a procesului de elaborare a șarjelor de aluminiu*. In: Realizări în domeniul electronicii profesionale. Vol.2, 1990, 30-33. Institutul de Cercetări și Proiectări Electronice, București, România.
70. (with V.N. Patkar) *A disjunctive linear fractional max-min problem*. Portugaliae Mathematica, Vol.48, Fasc.1, 1991, 67-73.
71. (with S. Țigan) *On a procedure for some separable programming problems*. Foundations of Computing and Decision Sciences (Poland) 16 (3-4), 1991, 149-159.
72. (with S. Țigan) *On a bicriterion max-min fractional problem*. L'Analyse Numérique et la Théorie de l'Approximation 20(1-2), 1991, 117-125.
73. *A fourth bibliography of fractional programming*. Optimization, 23 (1992)1, 53-71
74. (with S. Țigan, D.D. Lozovanu and D.I.Solomon) *On a parametrical method for solving bicriterion max-min fractional problems*. Buletinul Academiei de Științe a Republicii Moldova, 3(9), 1992, 56-61.
75. *Stochastic programming with multiple fractile criteria*. Rev. Roumaine Math. Pures Appl. 37 (1992) 10, 939-944.
76. (with S. Țigan) *On a variant of bicriterion max-min fractional problem*. Proceedings of the International Workshop on Multicriteria Decision Making, Liblice Castle, Czechoslovakia, 1991. The Institute of Economics, Czechoslovak Academy of Sciences, Prague, 1992, 152-161.
77. (with S. Țigan) *On some methods for solving fractional programming problems with inexact data*. Stud. Cerc. Mat. 45 (1993)6, 517-532.
78. (with Șt. Mititelu) *Invexity at a point: generalisations and clasification*. Bull. Austral. Math.Soc. 48 (1993)1, 117-126.
79. (with D.I. Solomon) *Metode de descompunere în programarea fracționară separabilă*. Studii și Cercetări de Calcul Economic și Cibernetică Economică, 28 (1994)1, 17-25.
80. (with Șt. Țigan) *Fractional programming under uncertainty*. In: Generalized Convexity. S. Komlósi, T. Rapsák and S. Schaible (eds.) Proceedings of the IV<sup>th</sup> International Workshop on Generalized Convexity held at Janus Pannonius University, Pécs, Hungary, August 31-September 2, 1992. Lecture Notes in Economics and Mathematical Systems, 405, Springer-Verlag, 1994, 322-333.
81. (with Șt. Țigan) *Observații asupra programării matematice inexacte*. Zilele Academice Clujene. Simpozionul "Matematica actuală și aplicațiile ei". Omagiu lui Tiberiu Popoviciu, 27 oct.1995, Cluj-Napoca, 1995, 15-16.



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