

DEPARTMENT OF MATHEMATICS AND DESCRIPTIVE GEOMETRY

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Technical Staff

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II. EQUIPMENT**II.1 Teaching and Research Laboratories**

Computer Laboratory

II.2 Special Measuring Instruments and Computers

15 x PC 586, 10 x PC 486, 2 x PC 386

III. TEACHING**III.1 Graduate Study**

Subject	Semester	Hours Per Week		Lecturer
		Lectures	Seminars	
Mathematics I	1	3 - 3		I. Žembery K. Trokanová
Mathematics II	2	3 - 3		I. Žembery L. Mišík
Descriptive Geometry	1	2 - 2		D. Szökeová D. Kyselová
Descriptive Geometry	2	2 - 2		A. Szittayová D. Szökeová
Mathematics I	1	4 - 4		O. Nánásiová M. Kalina A. Stupňanová
Mathematics II	2	4 - 5		J. Širáň M. Kalina R. Mesiar
Descriptive Geometry	1	2 - 3		V. Zaťková Ľ. Valášková Z. Havranová
Mathematics I	1	3 - 3		M. Komorníková
Mathematics II	2	3 - 3		M. Komorníková
Mathematics III	3	3 - 3		A. Handlovičová
Descriptive Geometry	2	2 - 2		M. Vajsáblová
Descriptive Geometry	3	2 - 2		M. Vajsáblová
Mathematics	7	2 - 2		A. Handlovičová R. Mesiar

Applied Mathematics	7	2 - 1	A.Handlovičová O. Nánásiová
Mathematics	7	2 - 3	A.Handlovičová R. Mesiar
Mathematical Statistics	7	2 - 2	J. Kalická
Mathematical Statistics	8	2 - 2	J. Kalická J. Šiagiová
Mathematics in Architecture	10	2 - 1	D. Szökeová A.Handlovičová
Measurement and Data Processing Theory	7	2 - 2	O. Nánásiová
Engineering Geometry and AutoCAD	3	0 - 2	A. Bašová
Engineering Geometry and AutoCAD	4	0 - 2	A. Bašová

III.2 Postgraduate Study

Subject	Semester	Hours Per Semester	Lecturer
Numerical Methods I	1	52	M. Komorníková
Numerical Methods II	2	52	M. Komorníková
Mathematical Methods in Fluid Flow, Diffusion and Heat Transfer I	1	52	K. Mikula
Mathematical Methods in Fluid Flow, Diffusion and Heat Transfer II	2	52	K. Mikula
Mathematical Basis of a Finite Element Method I	1	52	K. Mikula
Mathematical Basis of a Finite Element Method II	2	52	K. Mikula
Stochastic Processes I.	1	52	M. Kalina
Stochastic Processes II.	2	52	M. Krišťák
Applied Statistics I.	1	52	O. Nánásiová
Applied Statistics II.	2	52	O. Nánásiová
Uncertainty Modelling	2	52	R. Mesiar
Theory of Measure and Integral	1	52	R. Mesiar
Algebraic Theory of Graphs	1	52	J. Širáň
Probabilistic Modelling	2	52	J. Širáň
Proposed Experiment in Optimisation	1	52	M. Komorníková
Time Series Analysis in Civil Engineering	2	52	M. Komorníková

IV. RESEARCH TARGETS

1. Fuzzy Sets - Theory and Applications
2. Numerical Analysis of Nonlinear Partial Differential Equations with Applications in:
 - Flow-in Porous Medium
 - Free Boundary Problems
 - Image Processing
3. Topological Graph Theory
4. Time Series Analysis
5. Mathematica - Applications in Engineering and Economic Problems
6. Computer Graphics

7. Non-Standard Measure and Integral Theory
8. Aggregation Operators

V. RESEARCH PROJECTS

1. Modern Mathematical Methods for Uncertainty Modelling and Their Application (2000 - 2002, Komorníková, M.)
2. CEEPUS SK - 42 "Fuzzy Control" (2001 - 2003, Mesiar R.)
3. Robust and Efficient Computational Methods in Civil Engineering and Other Applied Sciences (1999 - 2002, Mikula K.)
4. Metric and Topological Properties of Oriented, Non-Oriented and Labelled Graphs (1999 – 2002, Širáň J.)
5. Fuzzy Sets and Their Applications (2001-2003, Mesiar R., in cooperation with Math. Inst. SAS)

VI. COOPERATION

VI.1 Cooperation in Slovakia

1. Faculty of Management, Comenius University, Bratislava
2. Faculty of Mathematics and Physics, Comenius University, Bratislava
3. Institute of Mathematics, Slovak Academy of Sciences, Bratislava
4. Military Academy, Liptovský Mikuláš
5. Faculty of Electrical Engineering and Informatics, SUT Bratislava
6. Technical University, Zvolen
7. Faculty of Management, University of Žilina
8. Welding Research Institute, Bratislava
9. GEOSAN s.r.o., Bratislava
10. Faculty of Chemical Engineering and Technology, SUT Bratislava

VI.2 International Cooperation

1. University of Linz, Austria
2. University of Novi Sad, Yugoslavia
3. University of Haifa, Israel
4. CTU Prague, Czech Republic
5. University of Ostrava, Czech Republic
6. University of Liberec, Czech Republic
7. WB University, Plzeň, Czech Republic
8. Czech Academy of Sciences, Czech Republic
9. University of Ghent, Belgium
10. TU Budapest, Hungary
11. University of Waterloo, Canada
12. University of Central Lancashire, Preston, U.K.
13. University of Freiburg, Germany
14. University of Bremen, Germany
15. University of Heidelberg, Germany
16. University of Vermont, Burlington, USA

17. University of California, Berkeley, USA
18. University of Newcastle, Australia
19. University of Bologna, Italy
20. CINECA – Supercomputing Centre, Bologna, Italy
21. University of Gröningen, the Netherlands
22. University of the Balearic Islands, Palma de Mallorca, Spain
23. University “La Sapienza”, Rome, Italy
24. Syracuse University, Syracuse, NY, USA
25. University of Dortmund, Germany
26. Weierstrass Institute for Applied Analysis and Stochastics, Berlin, Germany
27. Western Australia University, Perth, Australia
28. University of Auckland, New Zealand
29. TU Cracow, Poland
30. Pohang University of Science and Technology, South Korea
31. Western Washington University, Bellingham, USA
32. McMaster University, Hamilton, Canada

VI.2.1 Visitors to the Department

1. Ing. CHALUPECKÝ, CTU Prague, Czech Republic, June 2002
2. Ing. MINÁRIK, CTU Prague, Czech Republic, June 2002
3. Prof. VOSS, Germany, June 2002
4. Prof. BREHM, Germany, June 2002
5. Prof. PREUSSER, Germany, July 2002
6. Prof. BÄNSCH, Germany, September 2002
7. Dr. FROLKOVIČ, Germany, September 2002
8. Prof. GANDER, Canada, September 2002
9. Prof. JÄGER, Germany, September 2002
10. Dr. BOURILOUX, Canada, September 2002
11. Dr. DEITERDING, Germany, September 2002
12. Prof. FALCONE, Italy, September 2002
13. Dr. MALENGIER, Belgium, September 2002
14. Dr. PRESTA, Italy, September 2002
15. Prof. SCHMIDT, Germany, September 2002
16. Prof. WHITEMAN, U.K., September 2002
17. Dr. CAO, France, September 2002
18. Prof. DROSKE, Germany, September 2002
19. Prof. GEISER, Germany, September 2002
20. Dr. MEUER U. , Germany, September 2002
21. Prof. MEUER H. , Germany, September 2002
22. Dr. PREUSSER, Germany, September 2002
23. Dr. SOREVIK, Norway, September 2002
24. Dr. WITTUM, Germany, September 2002
25. Dr. COSTABILE, Italy, September 2002
26. Dr. EYMARD, France, September 2002
27. Prof. KIKUCHI, Japan, September 2002
28. Dr. OHLBERGER, Germany, September 2002
29. Dr. RADU, Germany, September 2002
30. Prof. VAN KEER, Belgium, September 2002
31. Ing. MINÁRIK, CTU Prague, Czech Republic, November 2002

32. Ing. OBERHUBER, CTU Prague, Czech Republic, November 2002

VI.2.2 Visits of Staff Members and Postgraduate Students to Foreign Institutions

1. BYSTRICKÝ, R.

- University of Budapest, Hungary, 1 month
- CTU Prague, Czech Republic, 1 week
- University of Innsbruck, Austria, 1 week

2. IPOLYIOVÁ, M., CTU Prague, Czech Republic, 1 month

3. HANDLOVIČOVÁ, A., ICM, Institute of Mathematical and Computational Modelling, Warsaw University, and Stefan Banach Center for Mathematics, Warsaw, 1 month

4. KALINA, M.

- TH Zittau, Germany, September 2002, 4 days
- Department of Mathematics, Johannes Kepler University, Linz, Austria, February 2002, 6 days
- CTU Prague, Czech Republic, 4 days

5. KNOR, M, The Open University, England (London Mathematical Society), 1 month

6. KRIVÁ, Z.

- ICM, Institute of Mathematical and Computational Modelling, Warsaw University and Stefan Banach Center for Mathematics, Warsaw, 1 month
- CTU Prague, Czech Republic, 1 week

7. LIŠKOVÁ, L., CTU Prague, Czech Republic, 1 month

8. MESIAR R.

- University of Alcalá, Spain, January-March 2002 (NATO project)
- IRIT Toulouse, May 2002, invited researcher
- JKU Linz, October-December 2002, invited professor
- JKU Linz, February 2002, 1 week
- Annecy (Congress IPMU 2002), July 2002, 1 week
- IHS Zittau, September 2002, 4 days

9. MIKULA K.

- CIRAM, University of Bologna, Italy, 1 month
- ICM, Institute of Mathematical and Computational Modelling, Warsaw University, and Stefan Banach Center for Mathematics, Warsaw, 1 month
- Department of Mathematics, University of Bologna, Italy, 2 weeks
- Department of Mathematics, Keio University, Yokohama, Japan, 1 week
- CTU Prague, Czech Republic, 1 week

10. ŠIRÁŇ J.

- University of Western Australia, Perth, 2 months
- University of Auckland, New Zealand, 2 weeks
- Western Washington University, Bellingham, U.S.A., 3 months

11. NÁNÁSIOVÁ, O.,

- University of Cracow, Poland, 3 weeks
- CTU Prague, Czech Republic, 4 days

12. ŠIAGIOVÁ J.

- Syracuse University, N.Y., USA, October-December 2002
- University of Waterloo, Canada, 1 month

VII. THESES**VII.1 Graduate Theses**

1. KALICKÁ, J.: Estimates of Parameters of the Covariance Function Applied to Geodesy. **PhD.**, FEI STU, Bratislava 2002
2. KOMORNÍKOVÁ, M.: Uncertainty Modelling. **Prof.**, FEI STU, Bratislava
3. ŠIAGIOVÁ, J.: Applications of Graph Coverings to the Degree–Diameter Problem. **PhD.**, FEI STU, Bratislava 2002
4. VICENÍK, P.: Non-Continuous Additive Generators of Triangular Norms. **PhD.**, FEI STU, Bratislava 2002

VIII. OTHER ACTIVITIES**VIII.1 Special Lectures****i) In Slovak**

- [1] KALINA, M.: Conditional Convergence and Limits Based on the Nearness Concept. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, February 27, 2002
- [2] KALINA, M.: Topology Based on the Nearness Concept. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, October 9, 2002
- [3] KNOR, M.: Face-Two-Colourable Triangular Embeddings of K_{13} . Graph Theory Seminar, FMFI UK, March 21, 2002
- [4] MESIAR, R.: Triangular Subnorms. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, February 13, 2002
- [5] MORDELOVÁ, J.: Kernel Aggregation Operators. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, March 27, 2002

- [6] MORDELOVÁ, J.: Constructions of Kernel Aggregation Operators. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, November 27, 2002
- [7] NÁNÁSIOVÁ, O., Partial Autocorrelations. The PRASTAN 2002 Conference, Bratislava, October 23 – 24, 2002
- [8] NÁNÁSIOVÁ, O.: Linear Models and Their Applications in Time Series Analysis. ODAM, Olomouc, June 26 – 27, 2002, Czech Republic (invited lecture)
- [9] NÁNÁSIOVÁ, O.: Problem of Joint Distribution. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, March 13, 2002
- [10] RÜCKSCHLOSSOVÁ, T.: Shift-Invariant Aggregation Operators. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, October 23, 2002
- [11] STUPŇANOVÁ, A.: Pessimistic and Optimistic Fuzzy Measures. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, December 4, 2002
- [12] VAJSÁBLOVÁ, M.: Applications of Cylindrical and Conical Perspectives. Symposium on Computer Geometry SCG 2002, Kočovce 2002
- [13] VAJSÁBLOVÁ, M.: Descriptive Geometry for Civil Engineering. Pythagoras, Kováčová 2002
- [14] VALÁŠKOVÁ, E.: k -Additivity and k -Symmetry of Fuzzy Measures. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, April 17, 2002
- [15] VALÁŠKOVÁ, E.: P -Symmetric Fuzzy Measures. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, November 6, 2002
- [16] VICENÍK, P.: Some Constructions of t -Norms. Seminar on Non-Standard Mathematical Methods, Bratislava, SvF STU, October 30, 2002

ii) In English

- [1] BURGÍN, M.- KALINA, M.: Conditional Convergence and Nearness-Based Limits. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [2] IPOLYIOVÁ, M.: Representations of Triangle Groups and Regular Maps. SCAM 2002 Conference, FEI STU, Bratislava, April 19 – 20, 2002
- [3] KALINA, M. – DOBRAKOVÁ, J.: Relation of Fuzzy Nearness in Banach Space. The 10th Zittau Colloquium 2002, September 4 – 6, 2002
- [4] KALINA, M.: Non-Symmetrical Conditioning in MV-Algebras. Workshop on "Mathematical Structures for Non-Standard Logics", December 5 – 7, 2002, Prague, Czech Republic
- [5] KALINA, M.: Nearness-Based Limits in a Multidimensional Case. The 23d Linz Seminar on Fuzzy Set Theory, February 5 – 9, 2002, Linz, Austria
- [6] KNOR M.: Every Cubic Graph is STS(381)-Colourable. The GRAPHS 2002 Conference, May 2002, Rejvív, Czech Republic
- [7] KOMORNÍKOVÁ, M. - MESIAR, R. – RÜCKSCHLOSSOVÁ, T.: Invariantness of Utility Functions. TARSKI Meeting of the COST 274, November 14-16, 2002, Prague, Czech Republic

- [8] KOMORNÍKOVÁ, M. – KOMORNÍK, J.: Regime–Switching Models for a Time Series. PRASTAN 2002 Conference, October 23 - 24, Bratislava, 2002
- [9] KRIVÁ, Z.: The Finite Volume Method and its Coarsening Strategy for a Perona Malik Equation in Image Processing. Seminar at Stefan Banach Centre of Excellence, June 2002, Warsaw, Poland
- [10] LIŠKOVÁ, Ľ.: Exponents of Regular Cayley Maps. SCAM 2002 Conference, FEI STU, Bratislava, April 19 – 20, 2002
- [11] MESIAR, R.: Aggregation Problems and Computer Science. Seminars of Prof. Mesiar, March 21, 2002, University of Alcalá, Spain
- [12] MESIAR, R.: Arithmetic with Fuzzy Numbers. Seminars of Prof. Mesiar, University of Győr, May 28, 2002, Hungary
- [13] MESIAR, R.: Copulas – Recent Developments. Seminars of Prof. Mesiar, University of Oviedo, March 18, 2002, Spain
- [14] MESIAR, R.: Copulas and Triangular Norms. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic (invited lectures)
- [15] MESIAR, R.: k-Order Additive Fuzzy Measures – A New Tools for Intelligent Computing. The 2d Euro-International Symposium on Computational Intelligence, June 16 - June 19, 2002, Košice
- [16] MESIAR, R.: Linear Non-Additive Set Functions. The 9th IPMU 2002 International Conference, July 1 – 5, 2002, Annecy, France
- [17] MESIAR, R.: Möbius Transformations and k-Order Additivity. The 9th IPMU 2002 International Conference, July 1 – 5, 2002, Annecy, France
- [18] MESIAR, R.: Some Analytical Properties of Aggregation Operators. The 23d Linz Seminar on Fuzzy Set Theory, February 5 – 9, 2002, Linz, Austria
- [19] MESIAR, R.: Ordering and Bounds in Specific Classes of Aggregation Operators. The 9th IPMU 2002 International Conference, July 1 – 5, 2002, Annecy, France
- [20] MESIAR, R.: Probability and Fuzzy Measures. The 10th Zittau Colloquium 2002, September 4 – 6, 2002, Zittau, Germany (invited lecture)
- [21] MESIAR, R.: What is the Arithmetical Mean of an Infinite Sequence? The ESTYLF 2002 international conference, León, September 17 – 20, 2002, Spain
- [22] MESIAR, R.: Triangular Subnorms. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [23] MIKULA, K.: Finite Volume Schemes in Image Processing. SIMAI Congress 2002, Chia Laguna, Sardinia, 2002 (invited lecture)
- [24] MIKULA, K.: Mathematical Models and Numerical Methods in Biomedical Image Analysis. International Conference on “Mathematics for Biology”, Bedlewo, 2002 (invited lecture)
- [25] MIKULA, K.: Nonlinear Diffusion and Variational Numerical Methods in Image Processing. International Conference on “Challenges in Scientific Computing”, Berlin 2002 (invited lecture)

- [26] MIKULA, K.: Nonlinear Diffusion in Image Processing. Institute for Computer Vision, Technical University of Graz, Austria, 2002 (invited lecture)
- [27] MIKULA, K.: Variational Numerical Methods in Image Processing. CIRAM, University of Bologna, Italy, 2002 (invited lecture)
- [28] MIKULA, K.: Variational Numerical Methods in Image Processing. ICM, Institute of Mathematical and Computational Modelling, Warsaw University, Warsaw, Poland, 2002 (invited lecture)
- [29] MIKULA, K.: Variational Numerical Methods in Image Processing. Workshop on “Visual Modelling”, Warsaw, Poland, 2002 (invited lecture)
- [30] MIŠÍK, L.: Measures of Sets of Positive Integers. French – Czech Conference on Number Theory, St. Etienne, France, March 2002
- [31] MIŠÍK, L.: Some Measures of Sets of Positive Integers. The Czech – Polish Conference on Number Theory, Polský Těšín, Poland, June 2002
- [32] MIŠÍK, L.: How Large Can a Set of Measure Zeros Be? An Application of Diophantine Approximations. International conference on Real Analysis, Stará Lesná, Slovakia, September 2002
- [33] MORDELOVÁ, J.: Construction of Kernel Aggregation Operators from Marginal Values. Seminar on Non-Standard Mathematical Methods, Bratislava
- [34] MORDELOVÁ, J.: The Structure of Kernel Aggregation Operators. SCAM 2002 Conference, FEI STU, Bratislava, April 19 – 20, 2002
- [35] MORDELOVÁ, J.: The Structure of Kernel Aggregation Operators. Seminar on Non-Standard Mathematical Methods, Bratislava
- [36] NÁNÁSIOVÁ, O.: An s-Map and Joint Distribution in Quantum Logic. The Biannual IQSA Meeting on Quantum Structures 2002, Vienna, July 1 – 7, 2002
- [37] NÁNÁSIOVÁ, O.: Conditional States in Quantum Logic. Conference on Foundations of Probability and Physics, University of Waxjo, June 1 – 7, 2002, Sweden (invited lectures)
- [38] NÁNÁSIOVÁ, O.: Conditional States and a Map for Simultaneous Measurement in Quantum Logic. The Colloquium at TU Vienna, March 19, 2002 (invited lectures)
- [39] NÁNÁSIOVÁ, O.: Conditional States and Quantum Logic. The CTU Workshop, Prague, December 5 – 7, 2002, Czech Republic (invited lectures)
- [40] NÁNÁSIOVÁ, O.: D-Set and Transformations in R^2 . The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [41] RÜCKSCHLOSSOVA, T.: Comparison of Meaningful Functions. SCAM 2002 Conference, FEI STU, Bratislava, April 19 – 20, 2002
- [42] RÜCKSCHLOSSOVÁ, T.: Characterization of Invariant Aggregation Operators. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [43] RÜCKSCHLOSSOVA, T.: Shift-Invariant Aggregation Operators. Seminar on Fuzzy Sets and Non-Standard Methods, Bratislava, October 23, 2002

- [44] STUPŇANOVÁ, A.: LR-fuzzy Numbers and the Law of Large Numbers. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [45] ŠIAGIOVÁ, J.: The Degree-Diameter Problem and Compositions of Regular Coverings. University of Waterloo, Canada, November 15, 2002
- [46] ŠIAGIOVÁ, J.: The Degree-Diameter Problem. Syracuse University, USA, October 24, 2002
- [47] ŠIAGIOVÁ, J.: Regular Coverings and Their Compositions. Syracuse University, USA, October 31, 2002
- [48] ŠIAGIOVÁ, J.: A Moore-Like Boundary for Diameter 2 Graphs and a Given Degree, Obtained as Abelian Lifts of Dipoles. Syracuse University, USA, November 29, 2002
- [49] ŠIRÁŇ, J.: Graph Theory, Group Theory, Geometry and Complex Functions. University of Western Australia, April 2002 (Invited Lecture)
- [50] ŠIRÁŇ, J.: Cantankerous Regular Maps. The SIGMAC 2002 International Conference, Portugal, July 2002 (invited plenary lecture)
- [51] ŠIRÁŇ, J.: Connections Between Complex Analysis, Group Theory, Geometry, and Graph Theory. Invited Colloquium, University of Auckland, March 2002
- [52] ŠIRÁŇ, J.: Links Between Graph Theory, Group Theory, Geometry, and Complex Analysis. Combinatorial Potlach, University of Victoria, Canada, November 2002 (invited lecture)
- [53] ŠIRÁŇ, J.: Three Proofs from a Book. Western Washington University, November 2002 (invited lecture)
- [54] VICENÍK, P.: Generated t-Norms and Non-Continuous Additive Generators. TARSKI Meeting of the COST 274, November 14-16, 2002, Prague, Czech Republic
- [55] VICENÍK, P.: Non-Continuous Additive Generators of Triangular Norms. The 6th International Conference on Fuzzy Sets Theory and Its Applications, FSTA 2002, January 28 – February 1, 2002, Liptovský Ján, Slovak Republic
- [56] VICENÍK, P.: Non-Continuous Additive Generators of Triangular Norms. SCAM 2002 Conference, FEI STU, Bratislava, April 19 – 20, 2002

IX. PUBLICATIONS

IX.1 Journals

Other Scientific Papers in Slovakia:

- [1] HANDLOVIČOVÁ, A. - MIKULA, K.: Analysis of a Semi-Discrete Scheme for Solving an Image Smoothing Equation of a Mean Curvature Flow Type. Acta Math. Univ. Comenianae, Vol. 71, No. 1 (2002) pp. 93 –112
- [2] KALINA, M.: Nearness of Differentiable Functions. Tatra Mountains Math. Publ. 21 (2001) pp. 153-162 (published in 2002)
- [3] MIŠÍK, L.: Sets of Positive Integers with Prescribed Values of Densities. Mathematica Slovaca 52 (2002), No. 3, pp. 289 – 296

- [4] NÁNÁSIOVÁ, O. – PULMANNOVÁ, S.: Abelian Extensions of Difference Sets. Tatra Mount. Math. Publ. 22 (2001) pp. 179 – 196 (published in 2002)
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