

# Lista prac profesora Zdzisława Pawlaka

1. O rachunku prawdopodobieństwa. *Problemy* (1953) 203-204
2. Flip-Flop as Generator of Random Binary Digits. *Mathematical Tables and Other Aids to Computation* 10(53) (1956) 28-30
3. Myślą czy nie myślą? *Problemy* (1956) 77-86
4. (with A.Wakulicz) Use of Expansion with a Negative Base in The Arithmometer of a Digital Computer, *Bull. Pol. Acad. Sci. Math.* 5(3) (1957) 233-236
5. Decoding Nets and the Theory of Graphs. *Journal of the Society for Industrial and Applied Mathematics* 7(1) (Mar., 1959) 1-5 (published by: Society for Industrial and Applied Mathematics)
6. An Electronic Computer Based on the "2" System. *Bull. Pol. Acad. Sci. Tech.* 7 (1959) 713-721
7. Organization of Digital Computers and Computable Functions. *Bull. Pol. Acad. Sci. Tech.*, 8(1) (1960) 41-51
8. The Application of Negative Base Number System to Differential Analyzer. *Bull. Pol. Acad. Sci. Tech.* 8(3) (1960) 149-157
9. The Application of Systematic Binary Expansions to Decimal Codes. *Bull. Pol. Acad. Sci. Tech.* 8(3) (1960) 151-152
10. Organization of Address-Free Digital Computer for Calculation of Simple Arithmetic Expressions. *Bull. Pol. Acad. Sci. Tech.* 8(4) (1960) 193-195
11. New Method of Parenthesis-Free Notation of Formulas. *Bull. Pol. Acad. Sci. Tech.* 8(4) (1960) 197-198
12. The Organization of Digital Computer Based on "2" System. *Bull. Pol. Acad. Sci. Tech.* 8(5) (1960) 253-258
13. Automatic Programming of Arithmetic Formulae in Parenthesis Notation by the Addressing Function. *Bull. Pol. Acad. Sci. Tech.* 8(6) (1960) 315-319
14. On the Application of the Rule of Substitution in the Organization of an Address-free Computer. *Bull. Pol. Acad. Sci. Tech.* 8(11-12) (1960) 681-684
15. On the Realization of Recursive Schemes in the Address-Free Computer. *Bull. Pol. Acad. Sci. Tech.* 8(11-12) (1960) 685-687
16. Organization of Address-Free Computer with Separate Memory for Partial Results, *Bull. Pol. Acad. Sci. Tech.* 9(2) (1961) 123-127
17. Some Remarks on "2" Digital Computer. *Bull. Pol. Acad. Sci. Tech.* 9(4) (1961) 22-28
18. Organization of Address-free Computer B-100. *Bull. Pol. Acad. Sci. Tech.* 9(4) (1961) 229-234
19. New Conception of Two Address Computer. *Bull. Pol. Acad. Sci. Tech.* 9(5) (1961) 313-315
20. Some Remarks on Automatic Programming of Arithmetic Formulae, *Bull. Pol. Acad. Sci. Tech.* 9(5) (1961) 317-320
21. Realization of Memory of Partial Results in Certain Parenthesis Free Formalism. *Bull. Pol. Acad. Sci. Tech.* 9(8) (1961) 487-495
22. On the Utility of Arithmetical Formalism in Digital Computers. *Bull. Pol. Acad. Sci. Tech.* 9(9) (1961) 527-529
23. Realization of the Rule of Substitution in Addressless Computers. *Bull. Pol. Acad. Sci. Tech.* 9(9) (1961) 531-534



24. Elimination of Waiting Time in Serial Address-Less Computers. *Bull. Pol. Acad. Sci. Tech.* 9(10) (1961) 577-588
25. Realization of Rule of Substitution in the Addressless Computer without Working Memory. *Bull. Pol. Acad. Sci. Tech.* 9(10) (1961) 579-580
26. The Application of Two-valued Lattices to the Realization of Many-valued Truth-Tables. *Bull. Pol. Acad. Sci. Tech.* 9(11) (1961) 655-658
27. Realization of Certain Classes of Recursive Formulae in the Addressless Computer. *Bull. Pol. Acad. Sci. Tech.* 9(11) (1961) 651-653
28. (z: R. Bartoszyńskim, K. Szaniawskim) *Matematyczne przyczynki do rozwoju prakseologii.* Warszawa 1963
29. New Class of Mathematical Languages and Organization of Address-Less Computers. In: *Proc. Colloquium on the Foundation of Mathematics, Tihany 1962, Budapest, (1965) 227-243*
30. Organization of Address-Less Computers Working in Parenthesis Notation. *Zeitschrift für Mathematische Logik und Grundlagen der Mathematik* 9, (1963) 243-249
31. Maszyny i matematyka. *Problemy* (1963) 313-314
32. Mechaniczne tłumaczenie. *Problemy* (1963) 546-547
33. Sztuczna inteligencja. *Argumenty* (7) (1963) 4
34. Całość i rozwój w świetle cybernetyki. Dyskusja o książce O. Langego. *Studia Filozoficzne* (3-4) (1963) 27-28
35. *Maszyna i język.* Warszawa, PWN, Warszawa (1964)
36. *Organizacja maszyn bezadresowych.* PWN, Warszawa (1965)
37. *Gramatyka i matematyka.* PZWS, Warszawa (1965)
38. *Automatyczne dowodzenie twierdzeń.* PZWS, Warszawa (1965)
39. *Sygnały, symbole, maszyny.* *Nowości Nauki i Techniki.* Wiedza Powszechna, Warszawa, 1966
40. Matematyczna teoria procesu składania. *Prekseologia* 23 (1966) 177-202
41. (with A. Ehrenfeucht) Some Remarks on Parenthesis-Free Languages. *Bull. Pol. Acad. Sci. Math.* 15(2) (1967) 105-106
42. On the Notion of a Computer. In: B. van Rootselaar, J. F. Staal (Eds.) *Logic, Methodology and Philosophy of Science III: Proceedings of the Third International Congress for Logic, Methodology and Philosophy of Science, Amsterdam 1967.* North Holland, Amsterdam (1968) 255-267
43. *Matematyczne aspekty procesu produkcyjnego.* Polskie Wydawnictwo Ekonomiczne, Warszawa (1969)
44. Uwagi o teorii maszyn cyfrowych. *Maszyny Matematyczne* 10 (1969) 4-7
45. *Maszyny matematyczne.* *Roczniki Polskiego Towarzystwa Matematycznego, Ser. 2,* 12 (1969) 109-114
46. *Maszyny programowane.* *Algorytmy* 5(10) (1969) 5-19
47. *Podstawy matematyczne maszyn cyfrowych.* [w:] *Naukowe problemy maszyn matematycznych. Materiały z I Ogólnopolskiego Sympozjum Naukowe Problemy Maszyn Matematycznych, 21-26 października 1968,* PWN, Warszawa (1970) 71-77
48. Definitional Approach to Automatic Demonstration. In: M. Laudet, D. Lacombe, L. Nolin, and M. Schützenberger (Eds.) *Proceedings of the Symposium on Automatic Demonstration, Versailles, France, December 1968, Lecture Notes in Mathematics* 125, Springer-Verlag, Berlin (1970) 191-193
49. *Logika dla inżynierów.* PWN, Warszawa (1970)
50. About the Meaning of Personal Pronouns. *Computational Centre Polish Academy of Sciences, CCPAS Reports* 16, Warsaw (1970)



51. Maszyny matematyczne. PZWS, Warszawa (1971)
52. Another Comment on ‚Negative Radix Conversion’. IEEE Transactions on Computers (Correspondence) 20(5) (May, 1971) 587
53. Mathematical Foundations of Computers. In: Proceedings of the International Symposium and Summer School on Mathematical Foundations of Computer Science, August 21-27, 1972, Warsaw, Jabłonna 1972. Computation Center of the Polish Academy of Sciences and Institute of Computing Machines of Warsaw University, Warsaw (1972) 1-12
54. Zastosowania maszyn matematycznych a zastosowania matematyki. Roczniki Polskiego Towarzystwa Matematycznego, Ser. 2, 14 (1972) 13-16
55. Mathematical Foundations of Information Retrieval. Computation Center Polish Academy of Sciences, CCPAS Reports 101, Warsaw (1973) 1-8
56. (with W. Marek) Mathematical Foundations of Information Storage and Retrieval. Part 1. Computation Center Polish Academy of Sciences, CC PAS Reports 135, Warsaw (1973) 1-10
57. (with W. Marek) Mathematical Foundations of Information Storage and Retrieval. Part 2. Computation Center Polish Academy of Sciences, CC PAS Reports 136, Warsaw (1973) 1-11
58. (with W. Marek) Mathematical Foundations of Information Storage and Retrieval. Part 3. Computation Center Polish Academy of Sciences, CC PAS Reports 137, Warsaw (1973) 1-8
59. About the Meaning of Personal Pronouns. Cahiers de Linguistique Theoretique and Appliquee 3 (1973) 261-269
60. A mathematical model of digital computer. In: Proceedings of the Conference on Automata and Formal Languages, Bonn, 1973, Lecture Notes in Computer Science 2, Springer-Verlag, Berlin (1973) 16-22
61. Mathematical Foundation of Information Retrieval. In: Proceedings of the International Symposium and Summer School on Mathematical Foundations of Computer Science, Strbske Pleso, High Tatras, Czechoslovakia, 1973. Mathematical Institute of the Slovak Academy of Sciences (1973) 135-136
62. (with W. Marek) Information Storage and Retrieval System - Mathematical Foundations. Computation Center Polish Academy of Sciences, CC PAS Reports 149, Warsaw (1974) 1-49
63. (with W. Marek) On the Foundation of Information Retrieval. Bull. Pol. Acad. Sci. Math. 22(4) (1974) 447-452
64. Rozważania o informatyce. Problemy (1974) 2-6
65. O wyszukiwaniu informacji. Delta 4 (1975) 12-14
66. Teoretyczne problemy systemów wyszukiwania informacji. Aktualne Problemy Informacji i Dokumentacji 5 (1975) 47-50
67. (with W. Marek) Information Storage and Retrieval Mathematical Foundations. Theoretical Computer Science 1 (1976) 331-354
68. Logica para Ingenieros. Escuela de Filosofia, Universidad del Zulia, Venezuela, Maracaibo (1976) (translation of [42])
69. (with A. Mazurkiewicz (eds.)) Mathematical Foundations of Computer Science. Banach Center Publications 2, PWN, Warsaw, Poland (1977)
70. Computers and Programs. Computer Education 13 (1978) 17-19
71. Information Systems. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 338, Warsaw (1978) 1-15
72. (ed.) Problemy sterowania w sieciach komputerowych. Sprawozdania z Seminarium Polsko-Ryzyjskiego, Sierpień 25-28, 1978, Warszawa, PWN, Warszawa - Łódź 1979 (w j. rosyjskim)





73. (z M. Muraszkwiczem, H. Rybińskim) Elementy teorii systemów informacyjnych. Instytut Informatyki, Technicznej i Ekonomicznej, Warszawa 1985
74. Distributed Information Systems. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 370, Warsaw (1979) 1-28
75. (with G. Rozenberg and W. J. Savitch) Programs for Instruction Machines. Information and Control 41 (1979) 9-28
76. Toward the Theory of Information Systems. The Notion of Information System. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 419, Warsaw (1980) 1-35
77. Classification of Objects by Means of Attributes. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 429, Warsaw (1981) 1-20
78. Rough Sets. Basic Notions. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 431, Warsaw (1981) 1-12
79. (with E. Orłowska) Expressive Power of Knowledge Representation Systems. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 432, Warsaw (1981) 1-31
80. (with E. Konrad, E. Orłowska) Knowledge Representation Systems. Definability of Informations. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 433, Warsaw (1981) 1-44
81. Rough Relations. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 435, Warsaw (1981) 1-10
82. (with W. Marek) Rough Sets and Information Systems. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 441, Warsaw (1981) 1-15
83. (with E. Orłowska) Representation of Nondeterministic Information. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 450, Warsaw (1981) 1-24
84. About Conflicts. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 451, Warsaw (1981) 1-20
85. Information Systems Theoretical Foundations. Information Systems 6(3) (1981) 205-218
86. (with R. Brooks, M. Blattner, E. Barrett) Using partitioned databases for statistical data analysis. In: 1981 American Federation of Information Processing Societies (AFIPS) National Computer Conference, Chicago, IL, May 4-7, 1981, AFIPS Conference Proceedings 50, AFIPS Press, Chicago, IL (1981) 453-457
87. (with E. Konrad, and E. Orłowska) On Approximate Concept Learning. In: Proceedings of the European Conference on Artificial Intelligence 11(5), Orsay, France 1982, IOS Press, Amsterdam (1982) 17-19 (see also Technische Universität Berlin, Bericht Nr. 81-7, October 1981, 1-21)
88. Some Remarks about Rough Sets. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 456, Warsaw (1982) 1-11
89. Rough Functions. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 467, Warsaw (1982) 1-11
90. Rough Sets. Power Set Hierarchy. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 470, Warsaw (1982) 1-27
91. Rough Sets. Algebraic and Topological Approach. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 482, Warsaw (1982) 1-32
92. Rough Probability and Partial Observability. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 496, Warsaw (1982) 1-20



93. Rough Sets. *International Journal of Computer and Information Sciences* 11 (1982) 341-356
94. Rough Classification. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 506, Warsaw (1983) 1-31
95. Discrimination Power of Attributes in Knowledge Representation System. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 533, Warsaw (1983) 1-15
96. Systemy Informacyjne. Podstawy Teoretyczne. WNT, Warszawa 1983
97. (with M. Novotny) On a Representation of Rough Sets by Means of Information Systems. *Fundamenta Informaticae* 6(3-4) (1983) 289-296
98. (with E. Orłowska) Logical Foundations of Knowledge Representation. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 537, Warsaw (1984) 1-108
99. Rough Sets and Fuzzy Sets. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 540, Warsaw (1984) 1-10
100. Rough Classification. *Journal of Man-Machine Studies* 20 (1984) 469-483
101. On Conflicts. *Int. J. of Man-Machine Studies* 21 (1984) 127-134
102. On Discernibility of Objects in Knowledge Representation Systems. *Bull. Pol. Acad. Sci. Math.* 32(9-10) (1984) 613-615
103. Rough Probability. *Bull. Polish Acad. Sci. Math.* 32(9-10) (1984) 607-612
104. On Superfluous Attributes in Knowledge Representation System. *Bull. Pol. Acad. Sci. Tech.* 32(34) (1984) 211-213
105. Principles of Knowledge Representation, *Bull. of the Section of Logic* 12(4) (1984) 194-201
106. On Rough Sets. *Bull. of the European Association for Theoretical Computer Science* 24 (1984) 94-109
107. (with J. W. Grzymala-Busse) On some Subsets of the Partition Set. *Fundamenta Informaticae* 7(4) (1984) 483-488
108. (with W. Marek) Rough Sets and Information Systems. *Fundamenta Informaticae* 7(1) (1984) 105-115
109. (with E. Orłowska) Measurement and Indiscernibility. *Bull. Pol. Acad. Sci. Math.* 32(9-10) (1984) 617-624
110. (with E. Orłowska) Representation of Nondeterministic Information. *Theoretical Computer Science* 29 (1984) 27-39
111. (with E. Orłowska) Expressive Power of Knowledge Representation. *International Journal of ManMachine Studies* 20 (1984) 458-500
112. Rough Sets and Fuzzy Sets. Institute of Computer Science Polish Academy of Sciences ICS PAS Reports 540, Warsaw (1984)
113. Rough Sets and Some Problems of Artificial Intelligence. Institute of Computer Science Polish Academy of Sciences, ICS PAS Reports 565, Warsaw (1985) 1-55
114. Rough Sets and Fuzzy Sets. *Journal of Fuzzy Sets and Systems* 17 (1985) 99-102
115. Decision Tables and Decision Algorithms. *Bull. Pol. Acad. Sci. Tech.* 33(9-10) (1985) 487-494
116. Some Remarks on Rough Sets. *Bull. Pol. Acad. Sci. Tech.* 3(11-12) (1985) 567-572
117. Rough Concept Analysis, *Bull. Polish Acad. Sci. Tech.* 33(9-10) (1985) 495-498
118. Rough Sets and Multi Expert Systems, *Bull. Polish Acad. Sci. Tech.* 33(9-10) (1985) 499-504
119. On Rough Dependency of Attributes in Information Systems. *Bull. Polish Acad. Sci. Tech.* 33(9-10) (1985) 481-485
120. (with W. Marek) One-Dimension Learning. *Fundamenta Informaticae* 8(1) (1985) 83-88
121. (with M. Novotny) Characterization of Rough Top Equalities and Rough Bottom Equalities. *Bull. Pol. Acad. Sci. Math.* 33(1-2) (1985) 91-97





122. (with M. Novotny) On Rough Equalities. Bull. Pol. Acad. Sci. Math. 33(1-2) (1985) 99-104
123. (with M. Novotny) Black Box Analysis and Rough Top Equalities. Bull. Pol. Acad. Sci. Math. 33(1-2) (1985) 105-113
124. (with C. Rauszer) Dependency of Attributes in Information Systems. Bull. Polish Acad. Sci. Math. 33 (1985) 551-559
125. Rough Sets and Decision Tables. In: A. Skowron (ed.) Proceedings of the 5th Symposium on Computation Theory, Zaborów, Poland December 3-8, 1984, Lecture Notes in Computer Science 208, Springer-Verlag, Heidelberg (1986) 186-196
126. On learning - A rough set approach. In: A. Skowron (ed.) Proceedings of the 5th Symposium on Computation Theory, Zaborów, Poland December 3-8, 1984, Lecture Notes in Computer Science 208, Springer-Verlag, Heidelberg (1986) 197-227
127. On Decision Tables. Bull. Pol. Acad. Sci. Tech. 34(9-10) (1986) 563-566
128. Learning from Examples. Bull. Pol. Acad. Sci. Tech. 34(9-10) (1986) 573-586
129. On Rough Relations. Bull. Polish Acad. Sci. Tech. 34(9-10) (1986) 587-590
130. Decision Table Computer. Bull. Polish Acad. Sci. Tech. 34(9-10) (1986) 591-595
131. Rough Sets. Fuzzy Sets and Systems 19 (1986) 309-310
132. (with K. Słowiński and R. Słowiński) Rough Classification of Patients after Highly Selected Vagotomy for Duodenal Ulcer. Journal of Man-Machine Studies 24 (1986) 413-433
133. O konfliktach. PWN, Warszawa 1987
134. On Rough Functions. Bull. Polish Acad. Sci. Tech. 35(5-6) (1987) 249-251
135. Rough Logic. Bull. Polish Acad. Sci. Tech. 35(5-6) (1987) 253-258
136. Learning from Examples the Case of an Imperfect Teacher. Bull. Polish Acad. Sci. Tech. 35(5-6) (1987) 259-264
137. Decision Tables a Rough Set Approach. Bulletin of the European Association for Theoretical Computer Science (EATCS) 33 (1987) 85-96
138. (with J. Fibak, R. Słowiński and K. Słowiński). Rough Sets Based Decision Algorithm for Treatment of Duodenal Ulcer by HSV. Bull. Polish Acad. Sci. Biology 34(9-10) (1987) 227-246
139. (with M. Novotny) Concept Forming and Black Boxes. Bull. Pol. Acad. Sci., Math. 35(1-2) (1987) 133-141
140. Approximate Classification and Rough Sets. In: R. Wille (ed.), Klassifikation und Ordnung, Tagungsband, Frankfurt/Main (1988) 186-190
141. Communication Logic. Bull. Pol. Acad. Sci. Tech. 36(1-2) (1988) 107-111
142. Hard Sets and Soft Sets. Bull. Pol. Acad. Sci. Tech. 36(1-2) (1988) 119-123
143. Rough Sets and Information Systems. Podstawy Sterowania 18(3-4) (1988) 175-200
144. On Data Reduction and Analysis A Rough Set Approach. In: Proceedings of the FAW-Workshop "Mathematics and AI" vol. II, Schloss Reisensburg, December 19-22 (1988) 545-572
145. (with M. Novotny) Partial Dependency of Attributes. Bull. Polish Acad. Sci. Math. 36(7-8) (1988) 453-458
146. (with M. Novotny) Independence of Attributes. Bull. Polish Acad. Sci. Math. 36(7-8) (1988) 459-465
147. Knowledge, Reasoning and Classification A Rough Set Perspective. Bulletin of the European Association for Theoretical Computer Science 38 (1989) 199-210
148. Indiscernibility, partitions and rough sets. In: R. Narasimhan (ed.), Commemorative Volume on Theoretical Computer Science - In Honor of Prof.G. Siromony. World Scientific Publishing Comp. Co., Singapore (1989) 210-220
149. (with M. Novotny) On Superreducts. Bull. Pol. Acad. Sci. Tech. 38(1-2) (1990) 101-112



150. (with S.K.M. Wong and W. Ziarko). Rough Sets: Probabilistic versus Deterministic Approach. *Journal of Man-Machine Studies* 29, (1988) 81-85; see also: B. Gains, J. Boose (eds.), *Machine Learning and Uncertain Reasoning* 3, Academic Press, (1990) 227-242
151. Information Systems and Decision Tables A Rough Set Perspective. *Archiwum Informatyki Teoretycznej i Stosowanej* 2(3-4) (1990) 139-166
152. Decision logic. *Bulletin of the European Association for Theoretical Computer Science (EATCS)* 44 (1991) 201-225
153. Rough Sets Theoretical Aspects of Reasoning about Data. Kluwer Academic Publishers, Boston, Dordrecht (1991)
154. Rough Sets and Their Applications. Institute of Computer Science, Warsaw University of Technology ICS Research Report 18 (1992) 1-9
155. Wiedza z perspektywy zbiorów przybliżonych. Institute of Computer Science, Warsaw University of Technology ICS Research Report 23 (1992) 1-22
156. Preface. In: R. Słowiński (ed.) *Intelligent Decision Support - Handbook of Applications and Advances of the Rough Sets Theory, System Theory, Knowledge Engineering and Problem Solving* 11, Kluwer Academic Publishers, Dordrecht, The Netherlands (1992) IX-XI
157. (with M. Novotny) On Problem Concerning Dependence Spaces. *Fundamenta Informaticae* 16(3-4) (1992) 275-287
158. Concurrent Versus Sequential –The Rough Set Perspective. *Bulletin of the European Association for Theoretical Computer Science (EATCS)* 48 (1992) 178-190
159. Rough Sets: A new Approach to Vagueness. In: L. Zadeh and J. Kacprzyk (eds.), *Fuzzy Logic for the Management of Uncertainty*, John Wiley & Sons, Inc., New York (1992) 105-118
160. Rough Sets Present State and the Future. Institute of Computer Science, Warsaw University of Technology ICS Research Report 20 (1993) 1-11
161. (with R. Słowiński) Decision Analysis Using Rough Sets. Institute of Computer Science, Warsaw University of Technology ICS Research Report 21 (1993) 1-18
162. (with R. Słowiński) Rough Set Approach to Multi-Attribute Decision Analysis. Institute of Computer Science, Warsaw University of Technology ICS Research Report 36 (1993) 1-31
163. On Some Issues Connected with Conflict Analysis. Institute of Computer Science, Warsaw University of Technology ICS Research Report 37 (1993) 1-11
164. Rough Sets - Basic Notions. Institute of Computer Science, Warsaw University of Technology ICS Research Report 52 (1993) 1-15
165. Rough Sets. Present State and the Future. In: R. Słowiński and J. Stefanowski (eds.) *Proceedings of the First International Workshop on Rough Sets: State of the Art and Perspectives*. Kickrz - Poznań, Poland September 2-4 (1992) 51-53 and *Foundations of Computing and Decision Sciences* 18(3-4) (1993) 157-166
166. Anatomy of Conflict, *Bulletin of the European Association for Theoretical Computer Science (EATCS)* 50 (1993) 234-247
167. On Some Issues Connected with Conflict Analysis, *Proceedings of the Workshop on Intelligent Information Systems*, Augustów, Poland, June 7-11, 1993, Institute of Computer Science, Polish Academy of Sciences, Warsaw (1993) 3-14
168. (with A. Skowron) Rough Membership Functions: A Tool for Reasoning with Uncertainty. In: C. Rauszer (ed.), *Algebraic Methods in Logic and Computer Science*, Banach Center Publications 28, Polish Academy of Sciences, Warsaw (1993) 135-150





169. (with A. Skowron) A Rough Set Approach for Decision Rules Generation. In: Proceedings of the Workshop W12: The Management of Uncertainty in AI at 13th IJCAI, Chambéry Savoie, France, August 30, (1993) see also: Z. Pawlak, A. Skowron: A Rough Set Approach for Decision Rules Generation. Institute of Computer Science, Warsaw University of Technology ICS Research Report 23 (1993) 1-19
170. (with E. Czogała, A. Mrózek) The Idea of a Rough Fuzzy Controller and Its Applications to the Stabilization of a Pendulum-Car System. Institute of Computer Science, Warsaw University of Technology ICS Research Report 7 (1994) 1-23
171. Hard and Soft Sets. Institute of Computer Science, Warsaw University of Technology ICS Research Report 10 (1994) 1-6
172. Vagueness and Uncertainty: A Rough Set Perspective. Institute of Computer Science, Warsaw University of Technology ICS Research Report 19 (1994)
173. Rough Sets, Rough Relation, and Rough Functions. Institute of Computer Science, Warsaw University of Technology ICS Research Report 24 (1994) 1-7
174. An Inquiry into Vagueness and Uncertainty. Institute of Computer Science, Warsaw University of Technology ICS Research Report 29 (1994) 1-7
175. (with E. Czogała, A. Mrózek) Rough Fuzzy Controller as an Approximation of Fuzzy Controller. Institute of Computer Science, Warsaw University of Technology ICS Research Report 32 (1994) 1-7
176. Rough Sets Present State and Further Prospects. Institute of Computer Science, Warsaw University of Technology ICS Research Report 49 (1994) 1-5
177. Rough Real Functions. Institute of Computer Science, Warsaw University of Technology ICS Research Report 50 (1994) 1-5
178. Hard and Soft Sets. In: W. Ziarko (ed.), Rough Sets, Fuzzy Sets and Knowledge Discovery (RSKD'93), Workshops in Computing, Springer-Verlag & British Computer Society, London, Berlin (1994) 130-135
179. Knowledge and Uncertainty A Rough Sets Approach. In: V. Alagar, S. Bergler, F.Q. Dong (eds.) Incompleteness and Uncertainty in Information Systems, Proceedings of SOFTEKS Workshop on Incompleteness and Uncertainty in Information Systems, Concordia University, Montreal, Canada 1993, Workshops in Computing, Springer-Verlag & British Computer Society, London, Berlin (1994) 34-42
180. An Inquiry into Vagueness and Uncertainty. In: M. Dąbrowski, M. Michalewicz, and Z.W. Ras (eds.), Proceedings of the Third International Workshop on Intelligent Information Systems, Wigry, Poland, June 6-10, 1994, Institute of Computer Science, Polish Academy of Sciences, Warsaw (1994) 338-343
181. Rough Sets Present State and Further Prospects. In: T.Y. Lin and A.M. Wildberger (eds.), Third International Workshop on Rough Sets and Soft Computing (RSSC94), November 10-12, San Jose, California, (1994) 72-77
182. Rough Sets and their Applications. *Microcomputer Applications* 13(2) (1994) 71-75
183. (with A. Skowron) Rough Membership Functions. In: R. Yaeger, M. Fedrizzi, and J. Kacprzyk (eds.), *Advances in the Dempster Shafer Theory of Evidence*, John Wiley & Sons, Inc., New York (1994) 251-271
184. (with R. Słowiński) Decision Analysis using Rough Sets. *International Transactions in Operational Research* 1(1) (1994) 107-114 (see also: Decision Analysis Using Rough Sets, Invited paper for XIII World Conference on operation Research IFORS 93, Lisbon, Portugal July 12-16, 1993, and Institute of Computer Science, Warsaw University of Technology, ICS Research Report 21 (1993) 1-18)



185. (with R. Słowiński) Rough Set Approach to Multi-attribute Decision Analysis. *European Journal of Operational Research* 72 (1994) 443-459
186. (with E. Czogała and A. Mrózek) Application of a Rough Fuzzy Controller to the Stabilization of an Inverted Pendulum. In: *Proceedings of the Second European Congress on Intelligent Techniques and Soft Computing Vol. 3*, Aachen, Germany (1994) 1403-1406
187. (with K. Frąckowiak) Synthesis of the survey results. In: E. Klein, D. Griesbach (eds.) *Survey of Language Engineering Organisations in Central and Eastern Europe*. European Commission (1994) 26-27
188. Rough Real Functions and Rough Controllers. Institute of Computer Science, Warsaw University of Technology ICS Research Report 1 (1995) 1-12
189. Rough Set Approach to Knowledge-Based Decision Support. Institute of Computer Science, Warsaw University of Technology ICS Research Report 10 (1995) 1-12
190. On Some Issues Connected with Roughly Continuous Functions. Institute of Computer Science, Warsaw University of Technology ICS Research Report 21 (1995) 1-6
191. Zbiory przybliżone. Institute of Computer Science, Warsaw University of Technology ICS Research Report 31 (1995) 1-8
192. Rough Sets Present State and Further Prospects. Institute of Computer Science, Warsaw University of Technology ICS Research Report 32 (1995) 1-14
193. On Rough Derivatives, Rough Integrals and Rough Differential Equations. Institute of Computer Science, Warsaw University of Technology ICS Research Report 41 (1995) 1-13
194. Rough Calculus. Institute of Computer Science, Warsaw University of Technology ICS Research Report 58 (1995) 1-11
195. (with E. Czogała and A. Mrózek) The Idea of a Rough Fuzzy Controller and its Applications to the Stabilization of a Pendulum-car System. *Fuzzy Sets and Systems* 72 (1995) 61-73
196. On some Issues Connected with Indiscernibility. In: G. Paun (ed.) *Mathematical Linguistics and Related Topics*. Editura Academiei Romane, Bucuresti (1995) 279-283
197. Rough Sets. In: C. Jinshong (C.J.) Hwang, B.W. Hwang (eds.) *Proceedings of the 23rd ACM Annual Computer Science Conference, February 28 - March 2, 1995, Nashville, Tennessee*. ACM, New York (1995) 262-264
198. Rough Real Functions and Rough Controllers. In: T.Y. Lin (ed.), *Proceedings of the Workshop on Rough Sets and Data Mining at the 23rd ACM Annual Computer Science Conference, March 2, 1995, Nashville, Tennessee*, ACM, New York (1995) 58-64
199. Vagueness and Uncertainty: A Rough Set Perspective. *Computational Intelligence: An International Journal* 11(2) (1995) 227-232 (special issue edited by W. Ziarko)
200. Rough Set Approach to Knowledge-Based Decision Support. *Semi-Plenary Papers, 14th European Conference of Operations Research 1995 20th Anniversary OF EURO, OR: Towards Intelligent Decision Support*, Jerusalem, Israel, July 3-6, (1995)
201. Rough Calculus. In: *Proceedings of the Second Annual Joint Conference on Information Sciences, September 28 – October 1, Wrightsville Beach, North Carolina, USA* (1995) 344-345
202. Rough Sets: Present State and Further Prospects. In: T.Y. Lin, A.M. Wildberger (eds.) *Soft Computing: Rough Sets, Fuzzy Logic, Neural Networks, Uncertainty Management, Knowledge Discovery*. Simulation Councils, Inc., San Diego, CA (1995) 3-5





203. Data Versus Logic A Rough Set View. Institute of Computer Science, Warsaw University of Technology ICS Research Report 28 (1996) 1-8
204. Rough Sets: Present State and Further Prospects. *Intelligent Automation and Soft Computing* 2(2) (1996) 95-101
205. (with J.W. Grzymala-Busse, W. Ziarko and R. Słowiński) Rough Sets *Communication of the ACM* 38(11) (1995) 88-95
206. Data Analysis with Rough Sets. In: *Proceedings of CODATA'96*, October, Tsukuba, Japan, (1996)
207. Rough Sets, Rough Relations and Rough Functions. *Fundamenta Informaticae* 27(2-3) (1996) 103-108 (special issue edited by W. Ziarko)
208. Data versus Logic A Rough Set View. In: S. Tsumoto, S. Kobayashi, T. Yokomori, H. Tanaka, A. Nakamura (eds.) *Proceedings of the Fourth International Workshop on Rough Sets, Fuzzy Sets, and Machine Discovery (RSFD'96)*, November 6-8, 1996, The University of Tokyo (1996) 1-8
209. Rough Sets: Present State and Perspectives. In: *Proceedings of the Sixth International Conference, Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU'96)*, July 1-5, 1996, vol. 2, Granada, Spain (1996) 1137-1145
210. Some Remarks on Explanation of Data and Specification of Processes. In: S. Tsumoto (ed.) *Bulletin of International Rough Set Society* 1(1) (1996) 1-4
211. Why Rough Sets? In: *Proceedings of the Fifth IEEE International Conference on Fuzzy Systems (FUZZ-IEEE'96)*, September 8-11, 1996, New Orleans, Louisiana, IEEE Society Press (1996) 738-743
212. Rough Sets and Data Analysis. In: Y.Y. Chen, K. Hirota, J.Y. Yen (eds.) *Proceedings of 1996 ASIAN FUZZY SYSTEMS SYMPOSIUM Soft Computing in Intelligent Systems and Information Processing*, December 11-14, 1996, Kenting, Taiwan, ROC., IEEE Society Press (1996) 1-6
213. (with T. Munakata) Rough Control: Application of Rough Set Theory to Control. In: *Proceedings of the Fourth European Congress on Intelligent Techniques and Soft Computing (EUFIT'96)*, September 2-5, 1996, Germany, Verlag Mainz, (1996) 209-218
214. (with A. Skowron) Helena Rasiowa and Cecylia Rauszer Research on Logical Foundations of Computer Science. In: A. Skowron (ed.), *Logic, Algebra and Computer Science, Helena Rasiowa and Cecylia Rauszer in Memoriam*, *Bulletin of the Section of Logic* 25(3-4) (1996) 174-184
215. Rough Set Approach to Knowledge-based Decision Support. *European Journal of Operational Research* 99(1) (1997) 48-57
216. Rough Set and Data Mining. In: *Proceedings of International Conference on Intelligent Processing and Manufacturing Materials*, Gold Coast, Australia (1997) 1-5
217. Rough Sets. In: T.Y. Lin and N. Cercone (eds.) *Rough Sets and Data Mining. Analysis of Imprecise Data*, Kluwer Academic Publishers, Boston, Dordrecht (1997) 3-7
218. Rough Real Functions and Rough Controllers. In: T.Y. Lin and N. Cercone (eds.), *Rough Sets and Data Mining. Analysis of Imprecise Data*, Kluwer Academic Publishers, Boston, Dordrecht (1997) 139-147
219. Conflict Analysis. In: *Proceedings of the Fifth European Congress on Intelligent Techniques and Soft Computing (EUFIT'97)*, September 9-11, Aachen, Germany, Verlag Mainz (1997) 1589-1591
220. Rough Sets and their Applications. *Proceedings Fuzzy Sets 97*, Dortmund, Germany, (1997) (see also *Rough Sets and their Applications*. In: B. Reusch, K-H. Theme (eds.) *Computational Intelligence in Theory and Practice, Advances in Soft Computing*, Physica-Verlag, Heidelberg, Germany (2000) 73-91)



221. Vagueness – a Rough Set View. In: Structures in Logic and Computer Science, Lecture Notes in Computer Science 1261, Springer-Verlag, Heidelberg (1997) 106-117
222. Rough Sets Theory and its Applications to Data Analysis. Cybernetics and Systems 29 (1998) 661-688
223. (with A.G. Jackson and S.R. LeClair) Rough Sets Applied to Discovery of Materials Knowledge. Journal of Alloys and Compounds 279 (1998) 14-21
224. Rough Set Elements. In: A. Skowron, L. Polkowski (eds.), Rough Sets in Knowledge Discovery 1. Methodology and Applications, Studies in Fuzziness and Soft Computing 18, Springer-Verlag, Heidelberg (1998) 10-30
225. An Inquiry into Anatomy of Conflicts. Journal of Information Sciences 109 (1998) 65-78
226. Sets, Fuzzy Sets and Rough Sets. In: W. Brauer (ed.) Proceedings of Fuzzy-Neuro Systems – Computational Intelligence, March 18-20, 1998, München, Germany (1998) 1-9
227. Reasoning about Data – a Rough Set Perspective. In: A Skowron, L. Polkowski (eds.), Proceedings of the International Conference on Rough Sets and Current Trends in Computing (RSCTC 1998), Warsaw, Poland, June 22-26, 1998, Lecture Notes in Computer Science 1424, Springer-Verlag, Heidelberg (1998) 25-34
228. Rough Modus Ponens. In: Proceedings of The Seventh Conference on Information Processing and Management of Uncertainty in Knowledge Based Systems 2, La Sorbone, Paris (1998) 1162-1166
229. Granularity of Knowledge, Indiscernibility and Rough Sets. In: Proceedings of the IEEE Conference on Evolutionary Computation, May 5-9, 1998, Anchorage, Alaska (1998) 106-110 (see also: IEEE Transactions on Automatic Control XX (1999) 100-103)
230. Rough Set Theory for Intelligent Industrial Applications. In: J. Meech, M. Veiga, M. Smith, S. LeClair (eds.), Proceedings of the Second International Conference on Intelligent Processing and Manufacturing of Materials, Honolulu, Hawaii (1999) 37-44
231. Data Mining – a Rough Set Perspective. In: N. Zhong and L. Zhou (eds.), Methodologies for Knowledge Discovery and Data Mining. Proceedings of the Third Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD'99), April 26-28, 1999, Beijing, China, Lecture Notes in Artificial Intelligence 1574, Springer-Verlag, Heidelberg (1999) 3-12
232. Rough Sets, Rough Functions and Rough Calculus. In: S.K. Pal, A. Skowron (eds.) Rough Fuzzy Hybridization, A New Trend in Decision Making, Springer-Verlag, Singapore (1999) 99-109
233. (with J. Komorowski, L. Polkowski and A. Skowron) Rough Sets: A Tutorial. In: S.K. Pal, and A. Skowron (eds.) Rough Fuzzy Hybridization, A New Trend in Decision Making, Springer-Verlag, Singapore (1999) 3-98
234. Logic, Probability and Rough Sets. In: J. Karhumaki, H. Maurer, G. Paun and G. Rozenberg (eds.), Jewels are Forever, Contributions on Theoretical Computer Science in Honor of Arto Salomaa, Springer-Verlag, Heidelberg (1999) 364-373
235. Decision Rules, Bayes' Rule and Rough Sets. In: N. Zhong, A. Skowron, S. Ohsuga (eds.) Proceedings of the 7th International Workshop on Rough Sets, Fuzzy Sets, Data Mining and Granular-Soft Computing (RSFSGrC 99) Ube-Yamaguchi, Japan, November 9-11, 1999, Lecture Notes in Artificial Intelligence 1711, Springer-Verlag, Heidelberg (1999) 1-9
236. AI and Intelligent Industrial Applications: the Rough Set Perspective. Cybernetics and Systems 31(3), (2000) 227-252
237. Rough Sets and Decision Algorithms. In: W. Ziarko, Y.Y. Yao, (eds.), Proceedings of the Second International Conference on Rough Sets and Current Trends in Computing (RSCTS'2000), October 16-19, 2000, Banff Canada (2000) 1-16 (see also: Lecture Notes in Artificial Intelligence 2005, Springer-Verlag, Heidelberg (2000) 30-45)





238. Rough Sets and Decision Analysis. *INFOR: Information Systems and Operational Research* 38(2) (2000) 132-144
239. (with: L. Polkowski and A. Skowron). Rough Sets and Rough Logic: A KDD Perspective. In: L. Polkowski, S. Tsumoto, T.Y. Lin (eds.) *Rough Set Methods and Applications: New Developments in Knowledge Discovery in Information Systems, Studies in Fuzziness and Soft Computing* 56, Physica-Verlag, Springer, Heidelberg (2000) 583-648
240. (with: J. Peters, A. Skowron, Z. Suraj, S. Ramanna and M. Borkowski) *Rough Measures and Integrals: Theory and Applications*. In: S. Hirano, M. Inuiguchi, S. Tsumoto (eds.) *Proceedings of International Workshop on Rough Set Theory and Granular Computing (RSTGC 2001) Bulletin of International Rough Set Society* 5(1-2) (2001) 177-183 (see also: (with: J. Peters, A. Skowron, Z. Suraj, S. Ramanna and M. Borkowski) *Rough Measures and Integrals: A Brief Introduction*. In: T. Terano, T. Nishida, A. Namatame, S. Tsumoto, Y. Ohsawa and T. Washio (eds.), *New Frontiers in Artificial Intelligence, Lecture Notes in Artificial Intelligence* 2253, Springer-Verlag, Berlin (2001) 375-379)
241. *Drawing Conclusions from Data - the Rough Set Way*. *International Journal of Intelligent Systems* 16(1) (2001) 3-11 (special issue: *Rough Set Approach to Reasoning About Data* A. Skowron, J.F. Peters (eds.))
242. *Rough Sets and their Applications*. In: B. Reusch and K-H. Theme (eds.) *Computational Intelligence in Theory and Practice, Advances in Soft Computing*, Physica-Verlag, Springer-Verlag, Heidelberg (2001) 75-93
243. *New Look on Bayes' Theorem the Rough Set Outlook*. In: S. Hirano, M. Inuiguchi, S. Tsumoto (eds.) *Proceedings of International Workshop on Rough Set Theory and Granular Computing (RSTGC 2001) Bulletin of International Rough Set Society* 5(1-2) (2001) 1-8 (see also: *Bayes' Theorem Revisited –The Rough Set View*. In: T. Terano, T. Nishida, A. Namatame, S. Tsumoto, Y. Ohsawa and T. Washio (eds.), *New Frontiers in Artificial Intelligence, Lecture Notes in Artificial Intelligence* 2253, Springer-Verlag, Berlin (2001) 240-250)
244. *Data Analysis - the Rough Set Perspective*. In: *Zbiory rozmyte i ich zastosowania*, Gliwice (2001) 173-181
245. *Combining Rough Sets and Bayes' Rule*. *Computational Intelligence* 17(3) (2001) 401-409
246. *Rough Sets, Decision Algorithms and Bayes' Theorem*, *European Journal of Operational, Research* 136 (2002) 181-189
247. *Decision Tables and Decision Spaces*, *Proceedings of the Sixth International Conference on Soft Computing and Distributed Systems (SCDO'02)*, Rzeszów, Poland 7-11
248. *In Pursuit of Patterns in Data; Reasoning from Data - the Rough Set Way*. In: J. J. Alpigini, J. F. Peters, A. Skowron, N. Zhong, J. Liu (eds.) *Proceedings of the International Conference on Rough Sets and Current Trends in Computing (RSCTC'02)*, October 14-16, 2002, Malvern, PA, USA, *Lecture Notes in Artificial Intelligence* 2475, Springer-Verlag, Heidelberg (2002) 1-9
249. (with S. Grecco, R. Slowiński) *Generalized Decision Algorithms, Rough Inference Rules and Flow Graphs*. In: J. J. Alpigini, J. F. Peters, A. Skowron, N. Zhong, J. Liu (eds.) *Proceedings of the International Conference on Rough Sets and Current Trends in Computing (RSCTC'02)*, October 14-16, 2002, Malvern, PA, USA, *Lecture Notes in Artificial Intelligence* 2475, Springer-Verlag, Heidelberg (2002) 95-104
250. (with J. Peters and A. Skowron). *A Rough Set Approach to Measuring Information Granules*. In: *Proceedings of 26th Annual International Computer Software and Applications Conference (IEEE COMPSAC'02)*, August 2002, Oxford, England, IEEE Society Press (2002) 1135-1139
251. *A Primer on Rough Sets: A New Approach to Drawing Conclusions from Data*. *Cardozo Law Review* 22(5-6) (2001) 1407-1415 (see also: *A Primer on Rough Sets: A New Approach to Drawing Conclusions from Data*. In: M. MacCrimon, P. Tillers (eds.), *The Dynamics of Judicial Proof*, Springer-Verlag, Heidelberg (2002) 135-144)



252. Granularity, Multivalued Logic, Bayes' Theorem and Rough Sets. In: T. Y. Lin, Y. Y. Yao, L. Zadeh (eds.) Data mining, rough sets and granular computing, Elsevier, Amsterdam (2002) 487-499
253. (with A. Skowron) Rough Set Rudiments. Bulletin of the International Rough Set Society 6(2) (2002) 27-31
254. (with A. Skowron, J. Komorowski, L. Polkowski) Rough Sets Perspective on Data and Knowledge. In: W. Klösgen and J. Żytkow (eds.), Handbook of Data Mining and Knowledge Discovery, Oxford University Press (2002) 134-149
255. Theorize with data Using Rough Sets. In: Proceedings of 26th Annual International Computer Software and Applications Conference (IEEE COMPSAC'02), August 2002, Oxford, England, IEEE Society Press (2002) 1125-1129
256. Rough Sets and Intelligent Data Analysis. Information Sciences 147 (2002) 1-12
257. The Rough Set View on Bayes' Theorem. In: N. R. Pal and M. Sugeno (eds.) Proceedings of the International Conference on Fuzzy Systems (AFSS'02), February 3-6, 2002, Calcutta, India, Lecture Notes in Computer Science 2275, Springer-Verlag, Heidelberg (2002) 106-116
258. Podziękowanie. [w:] K. Długosz (red.). Zdzisław Pawlak. Doctor Honoris Causa Politechniki Poznańskiej. Politechnika Poznańska, Poznań (2002) 15-18
259. I co dalej? [w:] K. Długosz (red.). Zdzisław Pawlak. Doctor Honoris Causa Politechniki Poznańskiej. Politechnika Poznańska, Poznań (2002) 21-29
260. A Rough Set View on Bayes' Theorem. International Journal of Intelligent Systems 18(5) (2003) 487-498
261. Elementary Rough Set Granules: Toward a Rough set Processor. In: S. K. Pal, L. Polkowski, A. Skowron, (eds.), Rough-Neurocomputing: Techniques for Computing with Words, Cognitive Technologies, Springer-Verlag, Berlin (2004) 5-14
262. Bayes' Theorem - the Rough Set Perspective. In: M. Inuiguchi, S. Tsumoto and S. Hirano (eds.), Rough set theory and granular computing, Series in Fuzziness and Soft Computing vol.125, Springer-Verlag, Heidelberg (2003) 1-12
263. (with J. Peters, A. Skowron, Z. Suraj, S., Ramanna) Rough Measures, Rough Integrals and Sensor Fusion. In: M. Inuiguchi, S. Hirano, S. Tsumoto (eds.), Rough Set Theory and Granular Computing, Series in Fuzziness and Soft Computing 125, Springer-Verlag, Heidelberg (2003) 263-272
264. Foreword. In: M. Inuiguchi, S. Hirano, S. Tsumoto (eds.), Rough Set Theory and Granular Computing, Series in Fuzziness and Soft Computing 125, Springer-Verlag, Heidelberg (2003) 1
265. Flow Graphs and Decision Algorithms. In: G. Wang, Q. Liu, Y. Yao and A. Skowron, (eds.), Proceedings of the International Workshop on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing (RSFDGrC'03), Chongqing, China, May 26-29, 2003, Lecture Notes in Artificial Intelligence 2639, Springer-Verlag, Heidelberg (2003) 1-15
266. Probability Truth and Flow Graphs. Electronic Notes in Theoretical Computer Science, 82(4) (2003) 1-9. (A. Skowron, M. Szczuka (eds.) Proceedings of the International Workshop on Rough Sets in Knowledge Discovery and Soft Computing at ETAPS 2003, April 12-13, 2003, Warsaw, Poland)
267. Decision Rules and Dependencies. In: L. Czaja (ed.) Proceedings of the Workshop on Concurrency, Specification & Programming (CS&P'03) vol. 1, September 2003, Czarna, Poland, Warsaw University (2003) 35-40
268. Decision Algorithms and Flow Graphs: A Rough Set Approach. Journal of Telecommunications and Information Technology 3 (2003) 98-101
269. Rough Sets, Bayes' Theorem and Flow Graphs. In: B. Bouchon-Meunier, L. Foullo and R. Yager, (eds.), Proceedings of the Ninth International Conference Information Processing and Management of Uncertainty in Knowledge-Based





- Systems (IPMU'02), July 1-5, 2002, Annecy, France, 1619-1624 (see also: Rough Sets, Bayes' Theorem and Flow Graphs. In: B. Bouchon-Meunier, L. Foulloy and R. R. Yager (eds.) *Intelligent Systems for Information Processing: From Representation to Applications*, Elsevier (2003) 243-252)
270. Data Analysis and Flow Graphs. In: *Proceedings of the Third Internal Conference on Decision Support for Telecommunications and Information Society*, Warsaw, Poland September 2003, 137-144 (see also: *Journal of Telecommunications and Information Technology* 3 (2004) 1-5)
271. Data mining and flow graphs. In: *17th JISR-IIASA Workshop on Methodologies and Tools for Complex System Modeling and Integrated Policy Assessment (CSM 2003)*, September, 8-10, International Institute for Applied Systems Analysis, Laxenburg, Austria (2003) 49-50
272. Decision Rules and Flow Networks. *European Journal of Operational Research* 154 (2004) 184-190
273. Decision Networks. In: S. Tsumoto, R. Slowinski, J. Komorowski, J. W. Grzmala-Busse (eds.), *Proceedings of the International Conference on Rough Sets and Current Trends in Computing (RSCTC'04)*, June 1-5, 2004, Uppsala, Sweden, of *Lecture Notes in Artificial Intelligence* 3066, Springer, Heidelberg (2004) 1-7
274. (with S. Greco, R. Słowiński) Bayesian Confirmation Measures within Rough Set Approach. In: S. Tsumoto, R. Slowinski, J. Komorowski, J. W. Grzmala-Busse (eds.), *Proceedings of the International Conference on Rough Sets and Current Trends in Computing (RSCTC'04)*, June 1-5, 2004, Uppsala, Sweden, *Lecture Notes in Artificial Intelligence* 3066, Springer, Heidelberg (2004) 264-273
275. Zbiory przybliżone, nowa matematyczna metoda analizy danych (Na podstawie odczytu wygłoszonego w dniu 30 października 2003 roku). [w:] S. Janeczko (red.), *Konserwatorium Politechniki Warszawskiej, Wkładka do Miesięcznika Politechniki Warszawskiej* 5 (2004) 1-13
276. Inference Rules and Decision Rule. In: L. Rutkowski, J. Siekman, R. Tadeusiewicz, L. Zadeh (eds.), *Proceedings of the 7<sup>th</sup> International Conference on Artificial Intelligence and Soft Computing (ICAISC'04)*, June 7-11, 2004, Zakopane, Poland, *Lecture Notes in Artificial Intelligence* 3070, Springer-Verlag, Heidelberg (2004) 102-108
277. (with S. Greco, R. Słowiński) Can Bayesian Confirmation Measures be Useful for Rough Set Decision Rules. *Artificial Intelligence, Engineering Applications of Artificial Intelligence* 17 (2004) 345-361
278. (with J. Peters and A. Skowron) Approximating Functions with Rough Sets. In: S. Dick, L. Kurgan, P. Misilek, W. Pedrycz, M. Reformat (eds.), *Proceedings 2004 of the IEEE North American Fuzzy Information Society (NAFIPS'04)* June 27-30, 2004, Banff, Alberta, Canada, vol. No. 04TH8736C, IEEE Computer Press, Los Alamitos, CA (2004) 785-790
279. Decision Rules and Dependencies. *Fundamenta Informaticae* 60(1-4) (2004) 33-39
280. Some Issues on Rough Sets. *Transactions on Rough Sets I: LNCS 3100* (2004) 1-58
281. Flow Graphs – a new Paradigm for Data Mining and Knowledge Discovery. *JAIST Forum 2004 – Technology Creation Based on Knowledge Science: Theory and Practice*, jointly with 5<sup>th</sup> International Symposium on Knowledge and Systems Science (KSS'04), *Proceedings Japan Advanced Institute of Science and Technology (JAIST)*, November (2004) 147-153
282. Flow Graphs and Data Mining. *Transactions on Rough Sets III: LNCS 3400* (2005) 1-36
283. Flow graphs, their Fusion and Data Analysis. In: B. Dunin-Kępczyk, A. Jankowski, A. Skowron, M. Szczuka (eds.), *Monitoring, Security, and Rescue Techniques in Multiagent Systems, Advances in Soft Computing*, Springer-Verlag, Heidelberg (2005) 1-10



284. Orthodox and Non-orthodox Sets – some Philosophical Remarks. *Foundations of Computing and Decision Sciences* 30(2) (2005) 133-140
285. A Treatise on Rough Sets. *Transactions on Rough Sets IV: LNCS 3700* (2005) 1-17
286. Rough Sets and Flow Graphs. In: D. Ślęzak, G. Wang, M. Szczuka, I. Duentzsch, Y. Y. Yao (eds.), *Proceedings of the 10<sup>th</sup> International Conference on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing (RSFDGrC'05)*, September 1-3, 2005, Regina, Canada, *Lecture Notes in Artificial Intelligence* 3641, Springer, Heidelberg (2005) 1-11
287. Some remarks on conflict analysis. *European Journal of Operational Research* 166 (3) (2005) 649-654
288. (with L. Polkowski, A. Skowron) Rough Sets: An approach to Vagueness. In: L. C. Rivero, J. H. Doorn, V. E. Ferraggine (eds.), *Encyclopedia of Database Technologies and Applications*, Idea Group Inc., Hershey, PA (2005) 575-580
289. Conflicts and Negotiations. In: G. Wang, J. F. Peters, A. Skowron, Y. Y. Yao (eds.), *Proceedings of the International Conference on Rough Sets and Knowledge Technology (RSKT'06)*, Chongqing, China, July 24-26, 2006, *Lecture Notes in Artificial Intelligence* 4062, Springer, Heidelberg (2006) 12-27
290. Decision Trees and Flow Graphs. In: S. Greco, Y. Hata, S. Hirano, M. Inuiguchi, S. Miyamoto, H.S. Nguyen. R. Slowiński (eds.) *Proceedings of the Fifth International Conference on Rough Sets and Current Trends in Computing (RSCTC'06)*, November 6-8, 2006, Kobe, Japan, *Lecture Notes in Artificial Intelligence* 4259, Springer, Heidelberg (2006) 1-11
291. (with A. Skowron) Rough Sets and Conflict Analysis. In: Jie Lu, Da Ruan, Guangquan Zhang (eds.), *E-Service Intelligence Methodologies, Technologies and Applications*, *Studies in Computational Intelligence* 37, Springer, Heidelberg (2006) 35-74
292. (with A. Skowron) Rudiments of Rough Sets. *Information Sciences* 177 (1) (2007) 3-27
293. (with A. Skowron) Rough Sets: Some Extensions. *Information Sciences* 177 (1) (2007) 28-40
294. (with A. Skowron). Rough Sets and Boolean Reasoning. *Information Sciences* 177(1) (2007) 41-73

