

## A Complete List of Publications of KAZIMIERZ URBANIK

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(a) Research publications:

### 1953

1. (with B. Knaster), *Sur les espaces complets séparables de dimension 0*, Fund. Math. **40** (1953), 194–202.

### 1954

2. *Sur un problème de J. F. Pàl sur les courbes continues*, Bull. Acad. Polon. Sci., Cl. III - vol. **2** (1954), 205–207.
3. *Limit properties of homogeneous Markoff processes with a denumerable set of states*, Bull. Acad. Polon. Sci., Cl. III - vol. **2** (1954), 371–373.
4. *Quelques théorèmes sur les mesures*, Fund. Math. **41** (1954), 150–162.
5. *Sur la structure non-topologique du corps des opérateurs*, Studia Math. **14** (1954), 243–246.

### 1955

6. *O zbiorach płaskich złożonych z odcinków równoległych (On plane sets composed of parallel segments)*, Roczn. Pol. Tow. Mat., Ser. I, Prace Mat. **1** (1955), 169–173 (English and Russian summaries).
7. (with B. Knaster and J. Mioduszewski), *Points-limites et points de continuité*, Colloq. Math. **3** (1955), 164–169.
8. *On quotient-fields generated by pseudo-normed rings*, Studia Math. **15** (1955), 31–33.
9. *Bemerkungen über die mittlere Anzahl von Partikeln in gewissen stochastischen Schauern*, Studia Math. **15** (1955), 34–42.

10. *O pewnym nieskończonym układzie równań (On a certain infinite system of equations)*, Roczn. Pol. Tow. Mat. Ser. I, Prace Mat. **1** (1955), 253–255 (English and Russian summaries).
11. *Some remarks on the asymptotic behaviour of the cosmic ray cascade for large depth of the absorber I, Estimation of the factorial moments*, Il Nuovo Cimento, **4** (1955), supplemento, 1147–1149.
12. (with M. Fisz), *The analytical characterization of the composed non-homogeneous Poisson process*, Bull. Acad. Polon. Sci., Cl. III -vol. **3** (1955), 149–150.
13. *On a stochastic model of a cascade*, Bull. Acad. Polon. Sci., Cl. III -vol. **3** (1955), 349–351.

#### 1956

14. (with M. Fisz), *Analytical characterization of a composed non-homogeneous Poisson process*, Studia Math. **15** (1956), 328–336.
15. *Uwagi o równaniach procesów stochastycznych rozgałęzionych (Remarks on the equations of branching stochastic processes)*, Zeszyty Naukowe Uniwersytetu Wrocławskiego, Seria B, **1** (1956), 17–26 (English and Russian summaries).
16. (with Z. Luszczki, J. Mikusiński, J. Wloka and Z. Zieleźny) *Einige Bemerkungen über die Hirschman-Widder'schen Funktionen  $H_{n,k}(x)$* , Colloq. Math. **4** (1956), 30–32.
17. *On a problem concerning birth and death processes*, Acta Math. Acad. Sci. Hungar. **7** (1956), 99–106 (in Russian; English summary).
18. (with A. Prékopa and A. Rényi), *On the limiting distribution of sums of independent random variables in commutative compact topological groups*, Acta Math. Acad. Sci. Hungar. **7** (1956), 11–16 (in Russian, English summary).
19. (with A. Zięba), *Prediction of solar activity*, Archiwum Elektrotechniki, **5** (1956), 355–364 (in Polish).
20. *Uwagi o maksymalnej ilości bakterii w populacji (Remarks on the maximum quantily of bacteria in a population)*, Zastosow. Mat. **2** (1956), 341–348 (English and Russian summaries).
21. *Stochastic processes whose sample functions are distributions*, Teor. Veroyatnost. i Primenen. **1** (1956), 146–149 (in Russian).

#### 1957

22. *On the limiting probability distribution on a compact topological group*, Fund. Math. **44** (1957), 253–261.

23. *Własności graniczne procesów Markowa (Limit properties of Markoff processes)*, Rozprawy Matematyczne **13**, Warszawa 1957, 46 pp. (English and Russian summaries).
24. *Remarks on the Doss integral*, Colloq. Math. **5** (1957), 95–102.
25. *A limit theorem for a posteriori distributions*, Bull. Acad. Polon. Sci., Cl. III -vol. **5** (1957), 237–241.
26. (with G. S. Rubinstein), *A solution of an extremal problem*, Teor. Veroyatn. i Primenen. **2** (1957), 375–377 (in Russian).
27. *Generalized distributions at a point of generalized stochastic processes*, Teor. Veroyatn. i Primenen. **2** (1957), 483–485 (in Russian).

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28. *Remarks on invariant functions in Markov processes*, Colloq. Math. **5** (1958), 223–230.
29. *On a stochastic model of a cascade*, Studia Math. **16** (1958), 237–267.
30. *Generalized stochastic processes*, Studia Math. **16** (1958), 268–334.
31. (with A. Zięba), *Some methods for the prediction of sunspot numbers*, Contribution to CCIR No 117, Study Group No. VI (8pp)
32. *Poisson distributions on compact Abelian topological groups*, Colloq. Math. **6** (1958), 13–24.
33. *Filtering of stationary generalized stochastic processes*, Science Record (New Series), vol. **II**, No. 2 (1958), 43–45.
34. *The values at the fixed moment of generalized stochastic processes*, Scientia Sinica **VII**, No. 1, (1958), 1–9. ( Chinese version is published in Acta Math. Sinica **8** (1958), 146–152.)
35. *Filtering of stationary generalized stochastic process* , Acta Math. Sinica **8** (1958), 43–45. (Chinese version of [33]).
36. (with S. L. Cheng (Shaw Lian Cheng)), *On the values at the fixed moment of strictly stationary generalized stochastic processes*, Science Record (New Series), vol. **II**, No. 2 (1958), 47–51.
37. *Local characteristics of generalized stochastic processes*, Studia Math. **17** (1958), 199–266.
38. *The conditional expectations and the ergodic theorem for strictly stationary generalized stochastic processes*, Studia Math. **17** (1958), 267–283.

39. *A theorem on distributions integrable with even power*, *Studia Math.* **17** (1958), 323–333.
40. *Effective processes in the sense of H. Steinhaus*, *Studia Math.* **17** (1958), 335–348.
41. (with P. Erdős), *On sets which are measured by multiples of irrational numbers*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **6** (1958), 743–748.

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42. *Funkcja Phragmén-Lindelöfa niektórych parzystych iloczynów kanonicznych (On the Phragmén-Lindelöf function of some even canonical products)*, *Roczn. Pol. Tow. Mat., Ser. I, Prace Mat.* **3** (1959), 185–189 (English and Russian summaries).
43. *On the isomorphism of Haar measures*, *Fund. Math.* **46** (1959), 277–284.
44. *Uwagi o funkcjach, których transformata Fouriera znika poza ustalonym przedziałem (Bemerkung über Functionen, deren Fouriertransformierte ausserhalb eines konstanten Intervalls verschwinden)*, *Zeszyty Naukowe Uniwersytetu Wrocławskiego, Seria B* **3** (1959), 71–79 (German summary).
45. *Twierdzenie graniczne o estymacji baysowskiej, (A limit theorem for a Bayes estimation)*, *Roczn. Pol. Tow. Mat., Ser. I, Prace Mat.* **3** (1959), 190–200 (English and Russian summaries).
46. *On a problem of S. L. Cheng concerning sequences of functions with  $k$ -th differences*, *Ann. Polon. Math.* **7** (1959), 33–40.
47. *An effective example of a Gaussian function*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **7** (1959), 343–349.
48. *Representation theorem for Marczewski's algebras*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **7** (1959), 617–619.
49. *Remarks on generalized stochastic processes*, *Trans. of the Third Allunion Math. Congress, Moscow 1956, Vol. IV, Izd. AN SSSR, Moscow 1959, p. 192* (in Russian).
50. (with H. Steinhaus), *Poissonsche Folgen (Leon Lichtenstein zum Gedächtnis)*, *Math. Z.* **72** (1959), 127–145.

#### 1960

51. *A representation theorem for Marczewski's algebras*, *Fund. Math.* **48** (1960), 147–167.

- 52. *Remarks on compactly generated Abelian topological groups*, Colloq. Math. **7** (1960), 187–190.
- 53. (with M. Ullrich), *A limit theorem for random variables in compact topological groups*, Colloq. Math. **7** (1960), 191–198.
- 54. (with H. Fast), *A characterization of step functions*, Colloq. Math. **7** (1960), 251–254.
- 55. *Gaussian measures on locally compact Abelian topological groups*, Studia Math. **19** (1960), 77–88.
- 56. *A contribution to the theory of generalized stationary random fields*, Transactions of the Second Prague Conference on Information Theory, Statistical Decision Functions, Random Processes 1959, Publ. House of Českoslov. Acad. Sci., Prague 1960, 667–679.
- 57. (with E. Marczewski), *Abstract algebras in which all elements are independent*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **8** (1960), 291–293.
- 58. (with F. B. Wright), *Absolute-valued algebras*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **8** (1960), 285–286.
- 59. (with F. B. Wright), *Absolute-valued algebras*, Proc. Amer. Math. Soc. **11** (1960), 861–866.

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- 60. *Absolute-valued algebras with an involution*, Fund. Math. **49** (1961), 247–258.
- 61. (with H. Fast), *Extinguishing of a class of functions*, Studia Math. **20** (1961), 69–76.
- 62. *Generalized stochastic processes with independent values*, Proceedings of the Fourth Berkeley Symposium on Mathematical Statistics and Probability. Vol. II, Univ. California Press (ed. J. Neymann), Berkeley and Los Angeles 1961, 569–580.
- 63. *A proof of a theorem of Żelazko on  $L^p$ -algebras*, Colloq. Math. **8** (1961), 121–123.
- 64. *Fourier analysis in Marcinkiewicz spaces*, Studia Math. **21** (1961), 93–102.
- 65. (with R. S. Ingarden), *Information as a fundamental notion of statistical physics*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **9** (1961), 313–316.

66. *Joint probability distributions of observables in quantum mechanics*, Studia Math. **21**, (1961), 117–133.

**1962**

67. (with R. S. Ingarden), *Information without probability*, Colloq. Math. **9** (1962), 131–150.
68. *The principle of increase of entropy for spin operators*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **10** (1962), 349–352.
69. (with R. S. Ingarden), *Quantum informational thermodynamics*, Acta Phys. Polon. **21** (1962), 281–304.
70. *Generalized stationary processes of Markovian character*, Studia Math. **21** (1962), 261–282.
71. *Reversibility in absolute-valued algebras*, Fund. Math. **51** (1962), 131–140.
72. (with E. Marczewski), *Abstract algebras in which all elements are independent*, Colloq. Math. **9** (1962), 199–207.
73. *The limiting behaviour of indecomposable branching processes*, Studia Math. **22** (1962), 109–126.
74. *Some combinatorial constructions in the theory of stochastic processes*, Colloquium on Combinatorial Methods in Probability Theory, Aarhus 1962, 35–39.

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75. *A representation theorem for  $v^*$ -algebras*, Fund. Math. **52** (1963), 291–317.
76. *Remarks on independence in finite algebras*, Colloq. Math. **11** (1963), 1–12.
77. *Remarks on ordered absolute-valued algebras*, Colloq. Math. **11** (1963), 31–39.
78. *Operations on probability measures admitting characteristic functions*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **11** (1963), 165–168.

**1964**

79. *Generalized convolutions*, Studia Math. **23** (1964), 217–245.
80. *Prediction of strictly stationary sequences*, Colloq. Math. **12** (1964), 115–129.

81. *Relative processes with continuous distribution functions*, Colloq. Math. **12** (1964), 131–146.
82. *Remarks on the entropy in quantum macrophysics*, Colloq. Math. **12** (1964), 271–276
83. *The principle of increase of entropy in quantum mechanics*, Transactions of the Third Prague Conference on Information Theory, Statistical Decision Functions, Random Processes, 1962, Publ. House of Českoslov. Acad. Sci., Prague 1964, 743–764.
84. *On algebraic operations in idempotent algebras*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **12** (1964), 739–742.

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85. *On algebraic operations in idempotent algebras*, Colloq. Math. **13** (1965), 129–157.
86. *A representation theorem for two-dimensional  $v^*$ -algebras*, Fund. Math. **57** (1965), 215–236.
87. *On a class of universal algebras*, Fund. Math. **57** (1965), 327–350.
88. *Remarks on quasi-symmetrical operations*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **13** (1965), 389–392.

#### 1966

89. *Linear independence in abstract algebras*, Colloq. Math. **14** (1966), 233–255.
90. *Remarks on symmetrical operations*, Colloq. Math. **15** (1966), 1–9.
91. (with S. Fajtlowicz and K. Głazek), *Separable variables algebras*, Colloq. Math. **15** (1966), 161–171.
92. *On some numerical constants associated with abstract algebras*, Fund. Math. **59** (1966), 263–288.
93. *Szegő's theorem for Orlicz spaces*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **14** (1966), 503–509.
94. *A principle of increase of entropy*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **14** (1966), 577–581.
95. *Information and thermodynamics*, International Congress of Mathematicians, Moscow 1966, Abstracts of reports on invitation, 113–116.

#### 1967

- 96. *A characterization of a class of convolutions*, Colloq. Math. **18** (1967), 239–249.
- 97. *Some prediction problems for strictly stationary processes*, Proceedings of the Fifth Berkeley Symposium on Mathematical Statistics and Probability. Vol. II, Part I, Univ. California Press, Berkeley and Los Angeles 1967, 235–258.
- 98. (with W. A. Woyczyński), *A random integral and Orlicz spaces*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **15** (1967), 161–169.
- 99. *Lectures on prediction theory*, Lect. Notes Math. **44**, (Berlin-Heidelberg-New York), Springer-Verlag, 1967, 50 pp.

**1968**

- 100. *On some numerical constants associated with abstract algebras II*, Fund. Math. **62** (1968), 191–210.
- 101. *A representation of self-decomposable distributions*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **16** (1968), 209–214.
- 102. (with J. Gilewski), *Generalized convolutions and generating functions*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **16** (1968), 481–487.
- 103. *Random measures and harmonizable sequences*, Studia Math. **31** (1968), 61–88.

**1969**

- 104. *Self-decomposable probability distributions on  $\mathbb{R}^m$* , Zastosow. Mat.; Aplikaciones Math. **10** (1969), 91–97.
- 105. *Remarks on congruence relations and weak automorphisms in abstract algebras*, Colloq. Math. **20** (1969), 1–5.
- 106. *A remark on  $v^*$ -algebras*, Colloq. Math. **20** (1969), 197–202.

**1970**

- 107. (with A. Kamiński), *Centered probability distributions*, Ann. Soc. Math. Pol., Ser. I, Commentat. Math. **14** (1970), 65–73.
- 108. *Harmonizable sequences of random measures*. Les probabilités sur les Structures Algébriques, Clermont-Ferrand, 1969. Colloques Internationaux du Centre National de la Recherche Scientifique, **186**, Paris 1970, 345–361.

**1972**

- 109. *Lévy's probability measures on Euclidean spaces*, *Studia Math.* **44** (1972), 119–148.
- 110. *Slowly varying sequences of random variables*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **20** (1972), 679–682.
- 111. *On the concept of information*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **20** (1972), 887–890.

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- 112. *Operator-decomposability distributions on Euclidean spaces*, *Transactions of the Sixth Prague Conference on Information Theory, Statistical Decision Functions, Random Processes*, Prague 1973, 859–872.
- 113. *On the definition of information*, *Rep. Math. Phys.* **4** (1973), 289–301.
- 114. *Limit laws for sequences of normed sums satisfying some stability conditions*, *Multivariate Analysis—III* (P. R. Krishnaiah, ed.), Academic Press, New York, 1973, 225–237.
- 115. *Generalized convolutions II*, *Studia Math.* **45** (1973), 57–70.

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- 116. *On the concept of information*, *Colloq. Math. Soc. János Bolyai* **9**, European Meeting of Statisticians, Budapest 1972; Nord-Holland, Amsterdam London 1974.
- 117. *Remarks on the concept of mean value*, *Ann. Polon. Math.* **29** (1974), 199–206.
- 118. (with J. Kucharczak), *Quasi-stable functions*, *Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys.* **22** (1974), 263–268.
- 119. *Extreme-point methods in probability theory*, *Probability and Statistical Methods. Intern. Summer School on the Theory of Probab, and Math. Statistics*, Varna 1974, 90–125.

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- 120. *Decomposability properties of probability measures*, *Sankhya* **37**, Ser. A, (1975), 530–537.
- 121. *Extreme-point methods in probability theory*, *Probability – Winter School. Proceeding 1975. Lecture Notes Math.* **472** (Berlin-Heidelberg-New York), Springer-Verlag, 1975, 169–194.

- 122. *Stable symmetric probability laws in quantum mechanics*, Winter School on probability, Karpacz, 1975. Lecture Notes Math. **472** (Berlin-Heidelberg-New York), Springer-Verlag, 1975, 195–206.
- 123. *Operator semigroups associated with probability measures*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **23** (1975), 75–76.
- 124. *Random linear functionals and random integrals*, Colloq. Math. **33** (1975), 255–263.
- 125. *Stable symmetric probability laws in quantum mechanics*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **23** (1975), 799–806.

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- 126. *Remarks on B-stable probability distributions*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **24** (1976), 783–787.
- 127. *Some examples of decomposability semigroups*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **24** (1976), 915–918.
- 128. *Decomposability properties of probability measures on Banach spaces*, Probability in Banach Spaces. Lecture Notes Math. **526**. Springer-Verlag. Berlin Heidelberg New York 1976, 243–251.

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- 129. *A characterization of Gaussian measures on Banach spaces*, Studia Math. **59** (1977), 275–281.
- 130. *Stable symmetric probability laws in quantum mechanics*, Proceedings of the Symposium to Honour Jerzy Neyman, Warszawa, 1974, Polish Scientific Publisher, Warsaw 1977, 327–334.
- 131. *Geometric decomposability properties of probability measures*, Adv. Appl. Probab. **9** (1977), 437–439.
- 132. (with J. Kucharczak), *Operator stable probability measures on some Banach space*, Bull. Acad. Polon. Sci., Sér. Sci. Math. Astronom. Phys. **25** (1977), 585–588.

**1978**

- 133. (with Z. J. Jurek), *Remarks on stable measures on Banach spaces*, Colloq. Math. **38** (1978), 269–276.
- 134. *Lévy's probability measures on Banach spaces*, Studia Math. **63** (1978), 283–308.

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- 135. *Geometric decomposability properties of probability measures*, Probability Theory. Banach Center Publication **5** (Z. Ciesielski, ed.), Polish Scientific Publisher, Warsaw 1979, 249–254.
- 136. *An axiomatic definition of information*, Les developements recents de la theorie de l'information et leurs applications. Colloques Internationaux du Centre National de la Recherche Scientifique **276**—THEORIE DE L'INFORMATION, 1979, 99–112.
- 137. (with B. Mincer), *Completely stable measures on Hilbert Spaces*, Colloq. Math. **42** (1979), 301–307.

**1983**

- 138. *A characterization of Gaussian measures*, Studia Math. **77** (1983), 59–68.
- 139. *Multiplicative properties of infinitely divisible random variables*, Bull. Polish Acad. Sci. Math. **31** (1983), 63–69.

**1984**

- 140. *Limit theorems in quantum mechanics*, Limit Theorems in Probability and Statistics, Veszprém (Hungary), 1982. Colloq. Math. Soc. János Bolyai **36**, Amsterdam Oxford New York, North-Holland 1984, 1069–1078.
- 141. *Autoregressive structures and decomposability semigroups*, Probab. Math. Statist. **4** (1984), 67–78.
- 142. *Non-commutative probability limit theorems*, Studia Math. **78** (1984), 59–75.
- 143. *Generalized convolutions III*, Studia Math. **80** (1984), 167–189.
- 144. *Joint probability distributions and commutability of observables*, Math. Struct.-Computational Math. - Mathematical Modelling **2** (1984), 307–310.
- 145. *Tích chap suy rộng (Generalized convolutions)*, Tap Chi Toán Học **12** (1984), 1–6.

**1985**

- 146. *Joint probability distributions and commutability of observables*, Demonstr. Math. **18** (1985), 31–41.
- 147. *Moments and generalized convolutions*, Probab. Math. Statist. **6** (1985), 173–185.

148. *Limit behaviour of medians*, Bull. Polish Acad. Sci. Math. **33** (1985), 413–419.
149. *Generalized convolutions*, Uspekhi Mat. Nauk **40** (1985), no. 4(244), 205–206 (in Russian).

**1986**

150. *Compactness, medians and moments*, Probability Measures on Groups VIII, Lecture Notes in Math. **1210**, (Berlin Heidelberg New York), Springer-Verlag, 1986, 163–173.
151. *Generalized convolutions IV*, Studia Math. **83** (1986), 57–95.
152. (with J. Kucharczak), *Transformations preserving weak stability*, Bull. Polish Acad. Sci. Math. **34** (1986), 475–486.

**1987**

153. *A numerical constant associated with generalized convolutions*, Colloq. Math. **51** (1987), 379–388.
154. *Remarks on joint distributions of observables*, Colloq. Math. **53** (1987), 309–314.
155. *A counterexample on generalized convolutions*, Colloq. Math. **54** (1987), 143–147.
156. *Domains of attraction and moments*, Probab. Math. Statist. **8** (1987), 89–101.

**1988**

157. *Analytic stochastic processes*, Studia Math. **89** (1988), 261–280.
158. *Analytical methods in probability theory*, Transactions of the Tenth Prague Conference on Information Theory, Statistical Decision Functions, Random Processes 1986. Academia, Prague 1988, 151–163.
159. *Generalized convolutions V*, Studia Math. **91** (1988), 153–178.
160. *Quasi-regular generalized convolutions*, Colloq. Math. **55** (1988), 147–162.

**1989**

161. *Atoms of characteristic measures*, Colloq. Math. **58** (1989), 125–129.

162. *Cramèr property of generalized convolutions*, Bull. Polish Acad. Sci. Math. **37** (1989), 213–216.
163. *Functionals on stochastic processes*, Stochastic Systems and Optimization, Lecture Notes in Control and Information Sciences **136**, Springer-Verlag. Berlin Heidelberg New York 1989, 142–151.

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164. *An integral representation of limits laws*, Colloq. Math. **60/61** (1990), 49–64.

#### 1991

165. *Analytic stochastic processes II*, Studia Math. **97** (1991), 253–265.
166. *Spectrum trimming operations*, Probab. Math. Statist. **12** (1991), 139–148.
167. *An integral representation of Feller limit laws*, Teor. Veroyatn. i Prime-nen. **36** (1991), 810–812.

#### 1992

168. *Stability of stochastic processes defined by integral functionals*, Studia Math. **103** (1992), 225–238.
169. *Functionals on transient stochastic processes with independent increments*, Studia Math. **103** (1992), 299–315.
170. *Limit laws for generalized convolutions*, Probab. Math. Statist. **13** (1992), 157–164.

#### 1993

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173. *Anti-irreducible probability measures*, Probab. Math. Statist. **14** (1993), 89–113.
174. *Decomposition of Probability Distributions of Some Integral Functionals*, Bull. Polish Acad. Sci. Math. **41** (1993), 1–10.

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175. *Infinite divisibility of some functionals on stochastic processes*, Probab. Math. Statist. **15** (1995), 493–513.

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176. *A characterization of probability measures by  $f$ -moments*, Studia Math. **118** (1996), 185–204.
177. *Autoregressive Laplace functionals on stochastic processes*, Probab. and Math. Statist. **16** (1996), 243–260.

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178. *Moments of some random functionals*, Colloq. Math. **74** (1997), 101–108.
179. *Multiplicative decomposability of probability measures*, Ann. Univ. Mariae Curie-Skłodowska, Sect. A, **51**. 1 (1997), 173–179.

**1999**

180. *Moments of generalized convolutions. III*, Probab. Math. Stat.**19**, (1999), 153-169.

**2000**

181. *A duality principle for stationary random sequences*, Colloq. Math., **86**, no.2 (2000), 153-162.

**2004**

182. *A substitute of the expected value*, Commentationes Math., Tomus Specialis in honorem Iuliani Musielak, (2004), 285-297.
183. *Musielak-Orlicz spaces and the prediction problems*. Banach Center Publ., **64**, Polish Acad., Sci., Warsaw, (2004), 207-219.

**2005**

184. (with J. K. Misiewicz and K. Oleszkiewicz) *Classes of measures closed under mixing and convolution. Weak stability*, Studia Math. **167**, no. 3, (2005), 195-213.

(b) *Other Urbanik's publications (in a chronological order):*

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186. *Procesy stochastyczne*, in: *Elementy nowoczesnej matematyki dla inzynierow*, pod redakcja Hugona Steinhausa, PWN, Wrocław, 1964, pp. 50-62.
187. *Przemowienie na uroczystym posiedzeniu Walnego Zgromadzenia Polskiego Towarzystwa matematycznego w dn. 28 maja 1966, w Palacu Staszica w Warszawie*, Roczn. PTM, Seria II: *Wiadomosci Matematyczne* **10**, (1967), pp. 9-11. (Uroczystosc wreczenia honorowego czlonkownstwa PTM Kazimierzowi Kuratowskiemu.)
188. *Matematyka zjawisk przypadkowych*, Odra, **11**, (1970).
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