

Nikolay M. YANEV. List of Publications (2025)

1. Branching stochastic processes with immigration. Bulletin de l'Institut de Mathematiques (Acad. Bulg. Sci.), XV (1972), 71-88. (In Bulgarian).
2. On a class of decomposable age-dependent branching processes. Mathematica Balkanica, 2 (1972), 58-75. (In Russian).
3. Conditions of extinction of λ -branching processes with random λ . Theor. Probab. Appl. XX, 2 (1975), 433-440.
4. On the statistics of branching processes. Theor. Probab. Appl. XX, 3 (1975), 623-633.
5. Estimators for variances in a subcritical branching process with immigration. Annuaire de l'Universite de Sofia (1976/1977), v. 71, 2-e partie, 39-44. (In Russian).
6. Controlled branching processes in random environments. Mathematica Balkanica, 7 (1977), 137-155. (In Russian).
7. Estimation of variances in a branching process with immigration. Proceedings of the 8th Spring Conference of the UBM, Sunny Beach; BAS, Mathematics and Education in Math., Sofia (1979), 608-617. (CA: S.Choukova; In Russian).
8. On the statistics of branching processes with immigration. C. R. Acad. Bulg. Sci. 33, No. 4 (1980), 469-472. (CA: S.Tchoukova-Dantcheva).
9. Controlled branching processes: the case of random migration.
10. Controlled branching processes with infinite mathematical means. Proceedings of the 9th Spring Conference of the UBM, Sunny Beach; BAS, Mathematics and Education in Math., Sofia (1980), 182-186. (CA: K.Mitov; In Russian)
11. Dynamics of induced cell proliferation systems within a framework of a branching process model: 1. Numbers of cells in successive generations. CYTOLOGY, 22 (1980), 945-953. (CA: A. Yakovlev; In Russian)
12. Combinatorial and statistical investigations of the structure and organization of DNA. Third International Conference on Automatization and Organization of Experimental Investigations, 1981, v. 3, 250-254. (CA: I.Tzankova, J.Yaneva, I.Ivanov)
13. Critical branching migration processes. Proceedings of the 10th Spring Conference of the U.B.M., Sunny Beach; BAS, Math. and Education in Math., Sofia, 1981, 321-328. (CA: K.V. Mitov, in Russian).
14. Approximation of the nucleotide sequences in DNAs with Markov chains. Proceedings of the 11th Spring Conference of the U.B.M., Sunny Beach; BAS, Math. Educ. Math.,Sofia, 1982, 268-270. (CA: I.Tzankova, J.Yaneva, I.Ivanov).
15. Limit theorems for controlled branching processes with non-homogeneous migration. C. R. Acad. Bulg. Sci. 35, No. 3, 1982, 229-301. (CA: K.V. Mitov)
16. The life-periods of critical branching processes with random migration. Theor.Probab.Appl. XXVIII, 3 (1983), 458-467. (CA: K.V. Mitov)

17. Dynamics of induced cell proliferation systems within a framework of a branching process model: 2. Some characteristics of the cell cycle temporal organization. CYTOLOGY, 25, 1983, 818-826. (CA: A. Yakovlev, in Russian).
18. Critical branching processes with decreasing state-dependent immigration. C. R. Acad. Bulg. Sci. 36, No. 2, 1983, 193-196. (CA: K.V.Mitov)
19. Subcritical branching migration processes. Pliska – Studia Mathematica Bulgarica, 7, 1984, 75-82. (CA: K.V.Mitov, in Russian).
20. Critical Galton-Watson processes with decreasing state-dependent immigration. J. Appl. Probab. 21 (1984), 22-39. (CA: K.V. Mitov).
21. Limit theorems for controlled branching processes with decreasing emigration. Pliska - Studia Mathematica Bulgarica. V. 7, 1984, 83-89. (CA: K.V. Mitov, in Russian).
22. Controlled branching processes with nonhomogeneous migration. Pliska - Studia Math. Bulg. 7, 1984, 90-96. (CA: K.V. Mitov, in Russian).
23. Continuous-time branching processes with decreasing state-dependent immigration. Adv. Appl. Probab. 16 (1984), 697-714. (CA: V.A. Vatutin, K.V. Mitov)
24. Branching processes with decreasing migration. C.R.Acad.Bulg.Sci.. 37, No. 4 (1984), 465-468. (CA: K.V. Mitov)
25. Identification of nucleotide sequences common for the genes of a multi-gene family. International conference on computer-based scientific research, 1984, v. II, 597-601. (CA: I.Tzankova, J.Yaneva, I.Ivanov)
26. Generalization of a theorem for a subcritical branching process with random migration. Proceedings of the 13th Spring Conference of the U.B.M., Sunny Beach; BAS, Mathematics and Education in Math., Sofia (1984), 379-383. (CA: K. Mitov, M. Tanoushev; In Russian)
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41. Optimal moments for quality control in some technological processes. In "Math. methods in quality control theory", v.2, U.B.S., Sofia, 1986, 101-110. (CA: M.Tanouchev, In Bulgarian)
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BOOKS and CHAPTERS

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