

Publications of Thomas G. Kurtz

Articles

1. On numerical calculation of transonic flow patterns (with S. Bergman and J. G. Herriot), *Math. Comp.* **22** (1968), 13–27. MR0224335 (36 #7379).
2. Extensions of Trotter’s operator semigroup approximation theorems, *J. Functional Analysis* **3** (1969), 354–375. MR0242016 (39 #3351).
3. A note on sequences of continuous parameter Markov chains, *Ann. Math. Statist.* **40** (1969), 1078–1082. MR0246370 (39 #7674).
4. A general theorem on convergence of operator semigroups, *Trans. Amer. Math. Soc.* **148** (1970), 23–32. MR0256210 (41 #867).
5. Approximation of age dependent, multitype branching processes, *Ann. Math. Statist.* **41** (1970), 363–368. MR0258137 (41 #2784).
6. Solutions of ordinary differential equations as limits of pure jump Markov processes, *J. Appl. Probab.* **7** (1970), 49–58. MR0254917 (40 #8124).
7. Comparison of semi-Markov and Markov processes, *Ann. Math. Statist.* **42** (1971), 991–1002. MR0278382 (43 #4112).
8. Limit theorems for sequences of jump Markov processes approximating ordinary differential processes, *J. Appl. Probab.* **8** (1971), 344–356. MR0287609 (44 #4812).
9. A random Trotter product formula, *Proc. Amer. Math. Soc.* **35** (1972), 147–154. MR0303347 (46 #2484).
10. The relationship between stochastic and deterministic models for chemical reactions, *J. Chem. Phys.* **57** (1972), 2976–2978.
11. Inequalities for the law of large numbers, *Ann. Math. Statist.* **43** (1972), 1874–1883. MR0378045 (51 #14214).
12. A limit theorem for perturbed operator semigroups with applications to random evolutions, *J. Functional Analysis* **12** (1973), 55–67. MR0365224 (51 #1477).
13. A generalization of Dynkin’s identity and some applications (with Krishna B. Athreya), *Ann. Probab.* **1** (1973), 570–579. MR0348847 (50 #1342).
14. The nonexistence of the Yaglom limit for an age dependent subcritical branching process (with Stephen Wainger), *Ann. Probab.* **1** (1973), 857–861. MR0353473 (50 #5956).
15. Convergence of sequences of semigroups of nonlinear operators with an application to gas kinetics, *Trans. Amer. Math. Soc.* **186** (1973), 259–272. MR0336482 (49 #1256). Erratum **209** (1975), 442.
16. Berry–Esseen estimates in Hilbert space and an application to the law of the iterated logarithm (with James Kuelbs), *Ann. Probab.* **2** (1974), 387–407. MR0362427 (50 #14868).
17. Point processes and completely monotone set functions, *Z. Wahrscheinlichkeitstheorie und Verw. Gebiete* **31** (1974), 57–67. MR0362480 (50 #14921).
18. Semigroups of conditioned shifts and approximation of Markov processes, *Ann. Probab.* **3** (1975), 618–642. MR0383544 (52 #4425).
19. An abstract averaging theorem, *J. Functional Analysis* **23** (1976), 135–144. MR0425674 (54 #13628).