

## **A short bibliography for population genetics, diffusion limits and degenerate diffusions**

### **Models in Population Genetics:**

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### **Diffusion limits:**

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S.N. ETHIER AND T.G. KURTZ, *Markov processes: Characterization and convergence*, Wiley Series in Probability and Mathematical Statistics: Probability and Mathematical Statistics, John Wiley & Sons Inc., New York, 1986.

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### **Analysis of degenerate diffusion operators:**

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C.L. EPSTEIN AND R. MAZZEO, *Wright-Fisher diffusion in one dimension*, SIAM J. Math. Anal., 42 (2010), pp. 568–608.

C.L. EPSTEIN AND R. MAZZEO, *Degenerate Diffusion Operators Arising in Population Biology*, to appear Annals of Math Studies, Princeton U Press, 2012. preprint available at arXiv:1110.0032v1.

LINAN CHEN AND DANIEL STROOCK, *The fundamental solution to the Wright-Fisher equation*, Siam J. Math. Anal., 42 (2010), pp. 539–567.

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