

1. Record Nr.	UNISALENTO991003324799707536
Autore	Dawson, Donald A.
Titolo	Spatial Fleming-Viot Models with Selection and Mutation [e-book] / by Donald A. Dawson, Andreas Greven
Pubbl/distr/stampa	Cham : Springer Intern. Publ., 2014
ISBN	9783319021539 (e-book)
Descrizione fisica	1 online resource (xvii, 856 p. 1 ill.)
Collana	Lecture Notes in Mathematics, 1617-9692 ; 2092
Classificazione	LC QA274-274.9
Altri autori (Persone)	Greven, Andreasauthor
Altri autori (Enti)	SpringerLink (Online service)
Disciplina	519.2
Soggetti	Evolution (Biology) Distribution (Probability theory)
Lingua di pubblicazione	Inglese
Formato	Software
Livello bibliografico	Monografia
Nota di contenuto	Introduction ; Emergence and fixation in the F-W model with two types ; Formulation of the multitype and multiscale model ; Formulation of the main results in the general case ; A Basic Tool: Dual Representations ; Long-time behaviour: ergodicity and non-ergodicity ; Mean-field emergence and fixation of rare mutants (Phase 1,2) ; Methods and proofs for the F-W model with two types ; Emergence, fixation with M [greater than or equal to] 2 lower order types ; Emergence, fixation: The general (M, M) -type mean-field model ; Neutral evolution on E_1 after fixation (Phase 3) ; Re-equilibration on higher level E_1 (Phase 4) ; Iteration of the cycle I: Emergence and fixation on E_2 ; Iteration of the cycle - the general multilevel hierarchy ; Winding-up: Proofs of the Theorems 3-11 ; Appendix 1 - Tightness ; Appendix 2. Nonlinear semigroup perturbations ; References ; Index of Notation and Tables of Basic Objects ; Index
Sommario/riassunto	This book constructs a rigorous framework for analysing selected phenomena in evolutionary theory of populations arising due to the combined effects of migration, selection and mutation in a spatial stochastic population model, namely the evolution towards fitter and fitter types through punctuated equilibria. The discussion is based on a number of new methods, in particular multiple scale analysis, nonlinear Markov processes and their entrance laws, atomic measure-valued evolutions and new forms of duality (for state-dependent mutation and multitype selection) which are used to prove ergodic theorems in this

context and are applicable for many other questions and renormalization analysis for a variety of phenomena (stasis, punctuated equilibrium, failure of naive branching approximations, biodiversity) which occur due to the combination of rare mutation, mutation, resampling, migration and selection and make it necessary to mathematically bridge the gap (in the limit) between time and space scales

2. Record Nr.	UNISA996336749403316
Titolo	Communications outlook = : Perspectives des communications
Pubbl/distr/stampa	Paris, : Organisation for Economic Co-operation and Development, [1990]-2013
ISSN	1999-1460
Descrizione fisica	1 online resource
Collana	1990-1995: Information, computer, communications policy = Politiques d'information, d'informatique et de communications <2001>: Information society 2003- : Information and communications technologies
Disciplina	384/.05
Soggetti	Telecommunication policy Telecommunication Telecommunication equipment industry Telecommunicatie Periodicals. Statistics.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Issues for 1993- lack French title.