

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.

3. Record Nr.	UNINA9910483044203321
Titolo	Principles of Distributed Systems : 17th International Conference, OPODIS 2013, Nice, France, December 16-18, 2013. Proceedings // edited by Roberto Baldoni, Nicolas Nisse, Maarten van Steen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-03850-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XIV, 281 p. 62 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8304
Disciplina	004.36
Soggetti	Computer networks Algorithms Computer science - Mathematics Discrete mathematics Software engineering Artificial intelligence Computer science Computer Communication Networks Discrete Mathematics in Computer Science Software Engineering Artificial Intelligence Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Tutorial Summary: Paxos Explained from Scratch -- On Two-Party Communication through Dynamic Networks -- Eventual Leader Election in Evolving Mobile Networks -- Self-stabilizing Leader Election in Population Protocols over Arbitrary Communication Graphs -- - Register -- How (Not) to Shoot in Your Foot with SDN Local Fast Failover: A Load-Connectivity Tradeoff -- Message Passing or Shared Memory: Evaluating the Delegation Abstraction for Multicores -- Reputation-Based Mechanisms for Evolutionary Master-Worker Computing -- State-Driven Testing of Distributed Systems -- Self-

stabilizing Resource Discovery Algorithm -- Hybrid Distributed Consensus -- Speculative Concurrent Processing with Transactional Memory in the Actor Model -- An Optimal Broadcast Algorithm for Content-Addressable Networks On Local Fixing -- A Skiplist-Based Concurrent Priority Queue with Minimal Memory Contention -- VirtuCast: Multicast and Aggregation with In-Network Processing: An Exact Single-Commodity Algorithm -- Mobile Byzantine Agreement on Arbitrary Network -- On Scheduling Algorithms for MapReduce Jobs in Heterogeneous Clouds with Budget Constraints -- Fast and Scalable Queue-Based Resource Allocation Lock on Shared-Memory Multiprocessors.

Sommario/riassunto

This book constitutes the refereed proceedings of the 17th International Conference on Principles of Distributed Systems, OPODIS 2013, held in Nice, France, in December 2013. The 19 papers presented together with two invited talks were carefully reviewed and selected from 41 submissions. The conference is an international forum for the exchange of state-of-the-art knowledge on distributed computing and systems. Papers were sought soliciting original research contributions to the theory, specification, design and implementation of distributed systems.
