

1. Record Nr.	UNINA9910483142603321
Titolo	Language, Life, Limits : 10th Conference on Computability in Europe, CiE 2014, Budapest, Hungary, June 23-27, 2014, Proceedings // edited by Arnold Beckmann, Ersébet Csuhaj-Varjú, Klaus Meer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-08019-9
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIV, 410 p. 33 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8493
Disciplina	004.0151
Soggetti	Computer science Algorithms Computer science - Mathematics Theory of Computation Mathematics of Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	How can Grammatical Inference Contribute to Computational Linguistics? -- Algorithms and Their Explanations -- Gene Tree Correction by Leaf Removal and Modification: Tractability and Approximability -- Uniform Schemata for Proof Rules -- Graph Polynomials Motivated by Gene Rearrangements in Ciliates -- On the Equivalence of Automata for KAT-expressions -- Algorithmic Randomness for Infinite Time Register Machines -- Constraint Logic Programming for Resolution of Relative Time Expressions -- Maximal Parallelism in Membrane Systems with Generated Membrane Boundaries -- Learnability Thesis Does Not Entail Church's Thesis -- Phase Transitions Related to the Pigeonhole Principle -- Generic Parallel Algorithms -- Fit-Preserving Data Refinement of Mass-Action Reaction Networks -- On Maximal Block Functions of Computable -like Linear Orderings -- Lossiness of Communication Channels Modeled by Transducers -- Predicate Characterizations in the Polynomial-Size Hierarchy -- Function Spaces for Second-Order Polynomial Time -- Complexity of Operation Problems.

## Sommario/riassunto

This book constitutes the refereed proceedings of the 10th Conference on Computability in Europe, CiE 2014, held in Budapest, Hungary, in June 2014. The 42 revised papers presented were carefully reviewed and selected from 78 submissions and included together with 15 invited papers in this proceedings. The conference had six special sessions: computational linguistics, bio-inspired computation, history and philosophy of computing, computability theory, online algorithms, and complexity in automata theory.

---