

1. Record Nr.	UNINA9910349297603321
Titolo	Computing and Software Science : State of the Art and Perspectives // edited by Bernhard Steffen, Gerhard Woeginger
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-91908-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIX, 590 p. 774 illus., 54 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10000
Disciplina	004
Soggetti	Computer science Software engineering Compilers (Computer programs) Electronic digital computers—Evaluation Algorithms Artificial intelligence Computer Science Software Engineering Compilers and Interpreters System Performance and Evaluation Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	The papers of this volume focus on the foundational aspects of computer science, the thematic origin and stronghold of LNCS, under the title “Computing and Software Science: State of the Art and Perspectives”. They are organized in two parts: The first part, Computation and Complexity, presents a collection of expository papers on fashionable themes in algorithmics, optimization, and complexity. The second part, Methods, Languages and Tools for Future System Development, aims at sketching the methodological evolution that helps guaranteeing that future systems meet their increasingly

critical requirements. Chapter 3 is available open access under a Creative Commons Attribution 4.0 International License via link. [springer.com](http://springer.com).

---