1.	Record Nr.	UNISA996464422003316
	Autore	Groote Jan Friso
	Titolo	Tools and Algorithms for the Construction and Analysis of Systems [[electronic resource]] : 27th International Conference, TACAS 2021, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2021, Luxembourg City, Luxembourg, March 27 – April 1, 2021, Proceedings, Part II / / edited by Jan Friso Groote, Kim Guldstrand Larsen
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
	ISBN	3-030-72013-6
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (476 pages)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12652
	Altri autori (Persone)	LarsenKim Guldstrand
	Disciplina	004.0151
	Soggetti	Computer science
		Computer engineering
		Computer networks
		Microprogramming
		Software engineering
		Theory of Computation
		Computer Engineering and Networks
		Control Structures and Microprogramming
		Software Engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Verification Techniques (not SMT) -- Directed Reachability for Infinite-State Systems -- Bridging Arrays and ADTs in Recursive Proofs -- A Two-Phase Approach for Conditional Floating-Point Verification -- Symbolic Coloured SCC Decomposition -- Case Studies -- Local Search with a SAT Oracle for Combinatorial Optimization -- Analyzing Infrastructure as Code to Prevent Intra-update Sniping Vulnerabilities -- Proof Generation/Validation -- Certifying Proofs in the First-Order Theory of Rewriting -- Syntax-Guided Quantifier Instantiation -- Making Theory Reasoning Simpler -- Deductive Stability Proofs for

Ordinary Differential Equations -- Tool Papers -- An SMT-Based Approach for Verifying Binarized Neural Networks -- cake lpr: Verified Propagation Redundancy Checking in CakeML -- Deductive Veri cation of Floating-Point Java Programs in KeY -- Helmholtz: A Verifier for Tezos Smart Contracts Based on Refinement Types -- SyReNN: A Tool for Analyzing Deep Neural Networks -- MachSMT: A Machine Learning-based Algorithm Selector for SMT Solvers -- dtControl 2.0: Explainable Strategy Representation via Decision Tree Learning Steered by Experts -- Tool Demo Papers -- HLola: a Very Functional Tool for Extensible Stream Runtime Verification -- AMulet 2.0 for Verifying Multiplier Circuits -- RTLola on Board: Testing Real Driving Emissions on your Phone -- Replicating Restart with Prolonged Retrials: An Experimental Report -- A Web Interface for Petri Nets with Transits and Petri Games -- Momba: JANI Meets Python -- SV-Comp Tool Competition Papers -- Software Veri cation: 10th Comparative Evaluation (SV-COMP 2021) -- CPALockator: Thread-Modular Approach with Projections (Competition Contribution) -- Dartagnan: Leveraging Compiler Optimizations and the Price of Precision (Competition Contribution) -- Gazer-Theta: LLVM-based Veri er Portfolio with BMC/CEGAR (Competition Contribution) -- Goblint: Thread-Modular Abstract Interpretation Using Side-Effecting Constraints (Competition Contribution) -- Towards String Support in JayHorn (Competition Contribution) -- JDart: Portfolio Solving, Breadth-First Search and SMT-Lib Strings (Competition Contribution) -- Symbiotic 8: Beyond Symbolic Execution (Competition Contribution) -- VeriAbs: A Tool for Scalable Verification by Abstraction (Competition Contribution).

| Sommario/riassunto | This open access two-volume set constitutes the proceedings of the 27th International Conference on Tools and Algorithms for the Construction and Analysis of Systems, TACAS 2021, which was held during March 27 – April 1, 2021, as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2021. The conference was planned to take place in Luxembourg and changed to an online format due to the COVID-19 pandemic. The total of 41 full papers presented in the proceedings was carefully reviewed and selected from 141 submissions. The volume also contains 7 tool papers; 6 Tool Demo papers, 9 SV-Comp Competition Papers. The papers are organized in topical sections as follows: Part I: Game Theory; SMT Verification; Probabilities; Timed Systems; Neural Networks; Analysis of Network Communication. Part II: Verification Techniques (not SMT); Case Studies; Proof Generation/Validation; Tool Papers; Tool Demo Papers; SV-Comp Tool Competition Papers. |

2.	Record Nr.	UNINA9910138154503321
	Autore	Sarantseva Svetlana
	Titolo	Amyloidosis : mechanisms and prospects for therapy / / edited by Svetlana Sarantseva
	Pubbl/distr/stampa	IntechOpen, 2011 Rijeka, Croatia : , : InTech, , [2011] ©2011
	ISBN	953-51-6497-X
	Descrizione fisica	1 online resource (228 pages)
	Disciplina	616.3995
	Soggetti	Amyloidosis
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	Amyloidoses are a heterogeneous group of diverse etiology diseases. They are characterized by an endogenous production of abnormal proteins called amyloid proteins, which are not hydrosoluble, form depots in various organs and tissue of animals and humans and cause dysfunctions. Despite many decades of research, the origin of the pathogenesis and the molecular determinants involved in amyloid diseases has remained elusive. At present, there is not an effective treatment to prevent protein misfolding in these amyloid diseases. The aim of this book is to present an overview of different aspects of amyloidoses from basic mechanisms and diagnosis to latest advancements in treatment.