Record Nr. UNINA9910847586203321 Autore Finkbeiner Bernd Titolo Tools and Algorithms for the Construction and Analysis of Systems: 30th International Conference, TACAS 2024, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2024, Luxembourg City, Luxembourg, April 6–11, 2024, Proceedings. Part II / / edited by Bernd Finkbeiner, Laura Kovács Pubbl/distr/stampa Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 **ISBN** 3-031-57249-1 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (399 pages) Collana Lecture Notes in Computer Science, , 1611-3349; ; 14571 Altri autori (Persone) KovácsLaura Disciplina 40,151 Soggetti Computer science Microprogramming Computer networks Computer simulation Software engineering Theory of Computation Control Structures and Microprogramming Computer Communication Networks Computer Modelling Software Engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Model Checking -- automata and learning -- software verification --Nota di contenuto probabilistic systems -- simulations. Sommario/riassunto The open access book 3-volume set LNCS 14570-14573 constitutes the proceedings of the 30th International Conference on Tools and Algorithms for the Construction and Analysis of Systems, TACAS 2024, which was held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2024, during April 6-11, 2024, in Luxembourg. The 53 full papers and 16 short SVComp contributions

included in these proceedings were carefully reviewed and selected from 159 submissions. They were organized in topical sections as

follows: Part I: STA and SMT solving; synthesis; logic and decidability; program analysis and proofs; proof checking; Part II: Model Checking; automata and learning; software verification; probabilistic systems; simulations; Part III: Neural networks; testing and verification; games; concurrency; SV-Comp 2024.