Record Nr. UNINA9910373928903321 SOFSEM 2020: Theory and Practice of Computer Science: 46th **Titolo** International Conference on Current Trends in Theory and Practice of Informatics, SOFSEM 2020, Limassol, Cyprus, January 20-24, 2020, Proceedings / / edited by Alexander Chatzigeorgiou, Riccardo Dondi, Herodotos Herodotou, Christos Kapoutsis, Yannis Manolopoulos, George A. Papadopoulos, Florian Sikora Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2020 **ISBN** 3-030-38919-7 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XVI, 723 p. 314 illus., 93 illus. in color.) Theoretical Computer Science and General Issues, , 2512-2029;; Collana 12011 Disciplina 004 Soggetti Mathematics - Data processing Algorithms Computer science - Mathematics Discrete mathematics Artificial intelligence - Data processing Computer networks Software engineering Computational Mathematics and Numerical Analysis Discrete Mathematics in Computer Science **Data Science** Computer Communication Networks Software Engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Nota di contenuto

Foundations of computer science -- Foundations of software engineering -- Foundations of data science and engineering -- Foundations of algorithmic computational biology.

Sommario/riassunto

This book constitutes the refereed proceedings of the 46th International Conference on Current Trends in Theory and Practice of

Informatics, SOFSEM 2020, held in Limassol, Cyprus, in January 2020. The 40 full papers presented together with 17 short papers and 3 invited papers were carefully reviewed and selected from 125 submissions. They presented new research results in the theory and practice of computer science in the each sub-area of SOFSEM 2020: foundations of computer science, foundations of data science and engineering, foundations of software engineering, and foundations of algorithmic computational biology.