1. Record Nr. UNISA996466062403316 SOFSEM 2011: Theory and Practice of Computer Science [[electronic **Titolo** resource]]: 37th Conference on Current Trends in Theory and Practice of Computer Science, Nový Smokovec, Slovakia, January 22-28, 2011. Proceedings / / edited by Ivana Cerná, Tibor Gyimóthy, Juraj Hromkovi, Keith Jeffery, Rastislav Kralovic, Marko Vukolic, Stefan Wolf Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa , 2011 3-642-18381-6 **ISBN** Edizione [1st ed. 2011.] Descrizione fisica 1 online resource (XIV, 572 p. 140 illus., 38 illus. in color.) Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6543 Collana Disciplina 005.1 Soggetti Algorithms Software engineering Information retrieval Computer architecture Computer science—Mathematics Discrete mathematics Computer networks Database management Software Engineering Data Storage Representation Discrete Mathematics in Computer Science Computer Communication Networks **Database Management** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Sommario/riassunto This book constitutes the refereed proceedings of the 37th Conference on Current Trends in Theory and Practice of Computer Science, SOFSEM 2011, held in Nový, Smokovec, Slovakia in January 2011. The 41 revised full papers, presented together with 5 invited contributions,

were carefully reviewed and selected from 122 submissions. SOFSEM

2011 was organized around the following four tracks: foundations of computer science; software, systems, and services; processing large datasets; and cryptography, security, and trust.