1. Record Nr. UNINA9910427673203321 Integrated Formal Methods: 16th International Conference, IFM 2020, **Titolo** Lugano, Switzerland, November 16-20, 2020, proceedings / / Brijesh Dongol, Elena Troubitsyna, editors Cham, Switzerland:,: Springer,, [2020] Pubbl/distr/stampa ©2020 **ISBN** 3-030-63461-2 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XI, 461 p. 1045 illus., 64 illus. in color.) Collana Lecture notes in computer science;; 12546 Disciplina 004.0151 Formal methods (Computer science) Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Integrating Machine Learning and Formal Modelling -- Modelling and Verification in B and Event-B -- Program Analysis and Testing --Verification of Interactive Behaviour -- Formal Verification -- Static Analysis -- Domain-Specific Approaches -- Algebraic Techniques. This book constitutes the refereed proceedings of the 16th Sommario/riassunto International Conference on Integrated Formal Methods, IFM 2019, held in Lugano, Switzerland, in November 2020. The 24 full papers and 2 short papers were carefully reviewed and selected from 63 submissions. The papers cover a broad spectrum of topics: Integrating Machine Learning and Formal Modelling: Modelling and Verification in B and Event-B; Program Analysis and Testing; Verification of Interactive Behaviour; Formal Verification; Static Analysis; Domain-Specific Approaches; and Algebraic Techniques.