Record Nr. UNINA9910484268203321 Formal Methods for Executable Software Models: 14th International **Titolo** School on Formal Methods for the Design of Computer. Communication, and Software Systems, SFM 2014, Bertinoro, Italy, June 16-20, 2014, Advanced Lectures / / edited by Marco Bernardo, Ferruccio Damiani, Reiner Haehnle, Einar Broch Johnsen, Ina Schaefer Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2014 3-319-07317-6 **ISBN** Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (VIII, 343 p. 101 illus.) Programming and Software Engineering; ; 8483 Collana Disciplina 005.1 Software engineering Soggetti Computer logic Programming languages (Electronic computers) Computers Software Engineering Logics and Meanings of Programs Programming Languages, Compilers, Interpreters Theory of Computation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Sommario/riassunto This book presents 8 tutorial lectures given by leading researchers at the 14th edition of the International School on Formal Methods for the Design of Computer, Communication and Software Systems, SFM 2014, held in Bertinoro, Italy, in June 2014. SFM 2014 was devoted to executable software models and covered topics such as variability models, automated analysis techniques, deductive verification, and runtime assessment and testing. The papers collected in the two parts (first part: modeling and verification; second part: run-time assessment and testing) of this volume represent the broad range of topics of the school.