1. **Record Nr.**   UNINA9910484217903321

   Titolo   Mathematics of Program Construction : 12th International Conference, MPC 2015, Königswinter, Germany, June 29--July 1, 2015. Proceedings / / edited by Ralf Hinze, Janis Voigtländer

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015

   ISBN   3-319-19797-5

   Edizione   [1st ed. 2015.]

   Descrizione fisica   1 online resource (XIV, 323 p. 44 illus.)

   Collana   Programming and Software Engineering, , 2945-9168 ; ; 9129

   Disciplina   005.1

   Soggetti   Computer science
                                   Machine theory
                                   Software engineering
                                   Computer science - Mathematics
                                   Discrete mathematics
                                   Compilers (Computer programs)
                                   Computer Science Logic and Foundations of Programming
                                   Formal Languages and Automata Theory
                                   Software Engineering
                                   Discrete Mathematics in Computer Science
                                   Compilers and Interpreters
                                   Mathematical Applications in Computer Science

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto   Type Systems -- Program analysis and Transformation -- Programming-language semantics -- Security -- Program logics.

   Sommario/riassunto   This book constitutes the refereed proceedings of the 12th International Conference on Mathematics of Program Construction, MPC 2015, held in Königswinter, Germany, in June/July 2015. The 15 revised full papers presented together with two invited talks were carefully reviewed and selected from 20 submissions. The papers are about mathematical methods and tools put to use in program construction. They range from algorithmics to support for program

construction in programming languages and systems. Some typical areas are type systems, program analysis and transformation, programming-language semantics, security, and program logics.