1. Record Nr.   UNISA996198522003316

   Titolo   Mathematics of Program Construction [[electronic resource]] : 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 ; ; 9129

   Disciplina   005.1

   Soggetti   Computer logic
                     Mathematical logic
                     Software engineering
                     Computer science—Mathematics
                     Programming languages (Electronic computers)
                     Logics and Meanings of Programs
                     Mathematical Logic and Formal Languages
                     Software Engineering
                     Discrete Mathematics in Computer Science
                     Programming Languages, Compilers, Interpreters
                     Math 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.