1. **Record Nr.**   UNINA9910480584503321

   Titolo   Zeta functions in algebra and geometry : second International Workshop, May 3-7, 2010, Universitat de Les Illes Balears, Palma de Mallorca, Spain / / Antonio Campillo [and four others], editors

   Pubbl/distr/stampa   Providence, Rhode Island : , : American Mathematical Society
                            [Madrid] : , : Real Sociedad Matematica Espanola, , [2012]
                            ©2012

   ISBN   0-8218-8776-9

   Descrizione fisica   1 online resource (362 p.)

   Collana   Contemporary mathematics ; ; volume 566

   Disciplina   515/.56

   Soggetti   Functions, Zeta
                            Geometry, Algebraic
                            Algebraic varieties
                            Electronic books.

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia Includes bibliographical references.

   Nota di contenuto   ""Preface""; ""Part I: L-functions of varieties over finite fields and Artin L-functions ""; ""Computational aspects of Artin -functions""; ""Introduction""; ""1. Modular forms and Maass forms""; ""2. Weight one holomorphic modular forms""; ""3. Some character tables""; ""4. Artin -functions""; ""5. Modular forms of weight one and Artin -functions""; ""6. Linear and projective Galois representations""; ""7. Computation of Artin -functions""; ""References""; ""Zeta functions for families of Calabia€?Yau -folds with singu""; ""1. Introduction""; ""2. Facts about the zeta-function""
                            ""3. Singularity analysis for some families of Fermat-type Calabia€?Yau n-folds""""4. The influence of singularity data on strong -classes""; ""5. Examples of 2-parameter families""; ""6. Conclusion""; ""References""; ""Estimates for exponential sums with a large automorphism group""; ""1. Introduction""; ""2. Additive character sums for translation invariant polynomials""; ""3. Multiplicative character sums for translation invariant polynomials""; ""4. Additive character sums for homothety invariant polynomials""; ""5. Multiplicative

character sums for homothety invariant polynomials""