1. Record Nr.   UNINA9910788637103321

   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, ; 566 , 0271-4132

   Classificazione   11F6611G2511L0711G5014D1014E1814G4022E5032S4057M27

   Disciplina   515/.56

   Soggetti   Functions, Zeta
                      Geometry, Algebraic
                      Algebraic varieties

   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
                      Calabi"Yau -folds with singu -- 1. Introduction -- 2. Facts about the
                      zeta-function -- 3. Singularity analysis for some families of Fermat-
                      type Calabi"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 --
                      References -- protect oindent Part II:\Height zeta functions\and