

1. Record Nr.	UNINA9910478879303321
Titolo	Tropical and non-Archimedean geometry : Bellairs Workshop in Number Theory, May 6-13, 2011, Bellairs Research Institute, Holetown, Barbados // Omid Amini, Matthew Baker, Xander Faber, editors
Pubbl/distr/stampa	Providence, Rhode Island ; ; Montreal, Quebec : , : American Mathematical Society : , : Centre de Recherches Mathematiques, , 2013 ©2013
ISBN	1-4704-1410-4
Descrizione fisica	1 online resource (274 p.)
Collana	Centre de Recherches Mathematiques Proceedings Contemporary Mathematics, , 1098-3627 ; ; Volume 605
Disciplina	516.3/5
Soggetti	Tropical geometry Geometry, Analytic 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	""Fewnomial systems with many roots, and an Adelic Tau Conjecture"" 1. Introduction""; ""2. Applications and new conjectures on straight-line programs""; ""3. Background: from triangles to toric deformations and tropical varieties""; ""4. Proving our main results""; ""5. Wrapping up: Invariance of $\chi(\mathbb{A}^n)$, and the proofs of Proposition 1.4, Theorem 1.10, and Lemmata 4.1 and 4.2""; ""Acknowledgements""; ""References""; ""Non-Archimedean Coamoebae""; ""Introduction""; ""1. Tropicalization and coamoebae""; ""2. Non-Archimedean coamoebae and phase tropical varieties"" ""3. Coamoebae of tropically simple varieties""""References""; ""On the structure of non-archimedean analytic curves""; ""1. Introduction""; ""2. The skeleton of a generalized annulus""; ""3. Semistable decompositions and skeleta of curves""; ""4. Relation with semistable models""; ""5. The metric structure on an analytic curve""; ""References""; ""Non-archimedean uniformization and monodromy pairing""; ""1. Introduction""; ""2. Notation""; ""3. Monodromy pairing""; ""4. Tate curves""; ""5. Uniformization of abelian varieties""; ""6. Uniformization of curves""

""7. Uniformization of Jacobian varieties""""8. Arithmetic Schottky groups""; ""Acknowledgements""; ""References""; ""Diophantine geometry and analytic spaces""; ""1. Introduction""; ""2. The standard height function""; ""3. Heights for line bundles, canonical heights""; ""4. Level sets for the canonical height""; ""5. Equidistribution (arithmetic case)""; ""6. Measures on analytic spaces""; ""7. Bogomolova's conjecture for totally degenerate abelian varieties""; ""Acknowledgements""; ""References""; ""Tropicalizing vs. compactifying the Torelli morphism""; ""1. Introduction""

2. Record Nr.

UNINA9910257446503321

Titolo

Imaging Processes and Coherence in Physics [[electronic resource]] : Proceedings of a workshop, Held at the Centre de Physique, Les Houches, France, March 1979 // edited by M. Schlenker, M. Fink, J.-P. Goedgebuer, C. Malgrange, J.-C. Vienot, R. H. Wade

Pubbl/distr/stampa

Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1980

ISBN

3-540-38541-X

Edizione

[1st ed. 1980.]

Collana

Lecture Notes in Physics, , 0075-8450 ; ; 112

Disciplina

535.2

537.6

Soggetti

Optics

Electrodynamics

Lasers

Photonics

Classical Electrodynamics

Optics, Lasers, Photonics, Optical Devices

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Bibliographic Level Mode of Issuance: Monograph

Nota di contenuto

Lasers sources -- Lasers as stable frequency sources -- Electron sources -- Intense sources of thermal neutrons for research -- X-ray sources -- Ultrasonic waves and optics -- Imaging processes and coherence in optics -- Propagation of neutron beams -- Coherence of

illumination in electron microscopy -- Propagation of sound and ultrasound in non-homogeneous media -- Classical apples and quantum potatoes -- Outline of a coherent theory of skiing -- Wave-matter interactions : A general survey -- Basic X-ray interactions with matter -- Scattering experiments in ultrasonic spectroscopy -- Acousto-optical interactions -- H.F. phonon transmission as a probe of condensed matter -- Infrared detectors infrared imaging systems -- The elastic scattering of fast electrons -- Inelastic electron scattering -- Interaction of thermal neutrons with matter -- Structure information retrieval from solution X-ray and neutron scattering experiments -- Guided waves propagation and integrated optics -- Prospects for long-wavelength X-ray microscopy and diffraction -- Kinematical and dynamical diffraction theories -- Dynamical theory of X-ray propagation in distorted crystals -- Polarization phenomena in X-ray diffraction -- Perfect crystal neutron optics -- Coherent approach to neutron beam polarization -- X-ray and neutron interferometry -- X-ray topography : Principles -- Examples of X-ray topographic results -- Neutron topography -- Crystal diffraction optics for x-rays and neutrons -- Electron imaging techniques -- Speckle and intensity interferometry. Applications to astronomy -- Electron holography -- Prospects of X-ray holography -- Imageing by means of channelled particles -- Neutron optics using non-perfect crystals -- Ultrasonic real-time reconstruction imaging -- What can be done with high voltage electron microscopy? -- Transfer functions and electron microscope image formation -- Acoustic microscopy -- Use of coded apertures in gamma-imaging techniques -- Principles and techniques of acoustical imaging -- NMR imaging -- Nuclear scattering radiography -- Computerized tomography scanners -- Recording materials and transducers in optics -- Some applications in hybrid image processing -- X-ray image detectors -- Electron detectors -- Image processing of regular biological objects -- Cathodoluminescence topography -- Image processing in electron microscopy : Non-periodic objects -- Interpretation of X-Ray topography -- "Coherence is beautiful".
