

1. Record Nr.	UNISA996202186803316
Autore	Bini Gilberto
Titolo	Geometric Invariant Theory for Polarized Curves [[electronic resource]] / by Gilberto Bini, Fabio Felici, Margarida Melo, Filippo Viviani
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-11337-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (X, 211 p. 17 illus.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2122
Disciplina	516.35
Soggetti	Algebraic geometry Algebraic Geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Singular Curves -- Combinatorial Results -- Preliminaries on GIT -- Potential Pseudo-stability Theorem -- Stabilizer Subgroups -- Behavior at the Extremes of the Basic Inequality -- A Criterion of Stability for Tails -- Elliptic Tails and Tacnodes with a Line -- A Strati_cation of the Semistable Locus -- Semistable, Polystable and Stable Points (part I) -- Stability of Elliptic Tails -- Semistable, Polystable and Stable Points (part II) -- Geometric Properties of the GIT Quotient -- Extra Components of the GIT Quotient -- Compacti_cations of the Universal Jacobian -- Appendix: Positivity Properties of Balanced Line Bundles. .
Sommario/riassunto	We investigate GIT quotients of polarized curves. More specifically, we study the GIT problem for the Hilbert and Chow schemes of curves of degree d and genus g in a projective space of dimension $d-g$, as d decreases with respect to g . We prove that the first three values of d at which the GIT quotients change are given by $d=a(2g-2)$ where $a=2, 3.5, 4$. We show that, for $a>4$, L. Caporaso's results hold true for both Hilbert and Chow semistability. If $3.5<a<4$, the Hilbert semistable locus coincides with the Chow semistable locus and it maps to the moduli stack of weakly-pseudo-stable curves. If $2<a<3.5$, the Hilbert and Chow semistable loci coincide and they map to the moduli stack of pseudo-stable curves. We also analyze in detail the critical values $a=3.5$ and $a=4$, where the Hilbert semistable locus is strictly smaller than

the Chow semistable locus. As an application, we obtain three compactifications of the universal Jacobian over the moduli space of stable curves, weakly-pseudo-stable curves and pseudo-stable curves, respectively.

2. Record Nr.	UNINA9910164915203321
Autore	Aspe Pieter
Titolo	The fourth figure : a Pieter Van In mystery // Pieter Aspe ; translated by Brian Doyle
Pubbl/distr/stampa	New York : , : Open Road Integrated Media, , 2016
ISBN	1-5040-3228-4
Descrizione fisica	1 online resource (176 pages)
Collana	The Pieter Van In mysteries
Disciplina	839.313/7
Soggetti	Detective and mystery stories Bruges (Belgium) Fiction Belgium Belgium Bruges
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	"Commissioner Pieter Van In must find the link between members of a satanic conspiracy and a young woman's death. A young woman is found dead in the canal outside her Bruges apartment building. But what seems like a clear-cut suicide evolves into something much more complex when Commissioner Pieter Van In uncovers the girl's involvement in a satanic sect. Who is the mysterious Venex, and why does he inspire such devotion from his disciples? Complicating the investigation further, Van In's boss allows beautiful journalist Saartje Maes to profile the case, sparking tension with the commissioner's expectant wife, District Attorney Hannelore Martens. As a horrific tragedy shocks the city, Van In seems to be surrounded by secrets. And though exposing them will lead him to the truth, it will also pit him against the very police force to which he's devoted his life."--Provided

by publisher.

3. Record Nr.	UNINA9910779932003321
Titolo	Naturally ventilated buildings : buildings for the senses, economy and society // edited by D. Clements-Croome
Pubbl/distr/stampa	London : , : E & FN Spon, , 1997
ISBN	1-135-81586-0 1-135-81587-9 1-280-40500-7 9786610405008 0-203-47665-4 0-203-23674-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (198 p.)
Altri autori (Persone)	Clements-CroomeDerek
Disciplina	697.9/2
Soggetti	Ventilation Buildings - Environmental engineering
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 and index.
Nota di contenuto	Book Cover; Title; Contents; Foreword; Preface; The Sense of Beauty; From Homogeneity to Heterogeneity; Specifying Indoor Climate; The User's Role in Environmental Control: Some Reflections on Theory in Practice; Environmental Criteria for Naturally Ventilated Buildings; Against the Draft CEN Standard: pr ENV 1752; An Adaptive Approach to Thermal Comfort Criteria; Natural Ventilation: Prediction, Measurement and Design Reality; Specifying Environmental Conditions for Naturally Ventilated Buildings; A Consultant's View; Natural Ventilation in a Large Mixed Mode Building; Index
Sommario/riassunto	While there are many historical examples of successful naturally ventilated buildings, standards for indoor climate have tended to emphasize active, mechanical airflow systems rather than passive natural systems. Despite its importance, knowledge about the performance of naturally ventilated buildings has remained

comparatively sparse. With ten key research papers this book seeks to address this lack of information.

4. Record Nr.	UNINA9910828618403321
Autore	Keller J (Jaime)
Titolo	Theory of the electron [[electronic resource]] : a theory of matter from START // by Jaime Keller
Pubbl/distr/stampa	Dordrecht ; ; London, : Kluwer Academic, c2001
ISBN	1-280-20687-X 9786610206872 0-306-47132-9
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (280 p.)
Collana	Fundamental theories of physics ; ; 115
Disciplina	539.72112
Soggetti	Electrons Space and time
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Space-Time-Action Relativity Theory -- Action Mathematical Structures -- The Theory of the Electron -- Geometry And The Electron -- Algebraic Analysis of the Electron Theory -- Geometrical Analysis.
Sommario/riassunto	In the first century after its discovery, the electron has come to be a fundamental element in the analysis of physical aspects of nature. This book is devoted to the construction of a deductive theory of the electron, starting from first principles and using a simple mathematical tool, geometric analysis. Its purpose is to present a comprehensive theory of the electron to the point where a connection can be made with the main approaches to the study of the electron in physics. The introduction describes the methodology. Chapter 2 presents the concept of space-time-action relativity theory and in chapter 3 the mathematical structures describing action are analyzed. Chapters 4, 5, and 6 deal with the theory of the electron in a series of aspects where the geometrical analysis is more relevant. Finally in chapter 7 the form of geometrical analysis used in the book is presented to elucidate the

broad range of topics which are covered and the range of mathematical structures which are implicitly or explicitly included. The book is directed to two different audiences of graduate students and research scientists: primarily to theoretical physicists in the field of electron physics as well as those in the more general field of quantum mechanics, elementary particle physics, and general relativity; secondly, to mathematicians in the field of geometric analysis.

5. Record Nr.	UNINA9910254588203321
Autore	Cowley William
Titolo	The Nature of Dusty Star-Forming Galaxies // by William Cowley
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-66748-3
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXXV, 196 p. 74 illus., 57 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	523.112
Soggetti	Astrophysics Cosmology Observations, Astronomical Astronomy—Observations Astrophysics and Astroparticles Astronomy, Observations and Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- The Galaxy Formation Model -- Simulated Observations of Sub-millimetre Galaxies: The Impact of Single-dish Resolution and Field Variance -- The Clustering Evolution of Dusty Star-Forming Galaxies -- The Far Infra-red Seds of Main-sequence and Starburst Galaxies -- Predictions for Deep Galaxy Surveys with JWST -- Overall Conclusions and Future Work.
Sommario/riassunto	This thesis combines a theoretical model of galaxy formation with a treatment of the radiative transfer in the titular dusty star-forming

galaxies. Embedding this within the well-established CDM (Lambda cold dark matter) cosmology, the author was able to simulate galaxy populations from which realistic observational images were synthesised. Based on further analysis, he shows that there is a good correspondence with observations from new instruments such as the SCUBA2 bolometric camera and the Atacama Large Millimeter Array (ALMA) interferometer, and reveals some novel aspects of this exciting galaxy population. In particular, he shows that blending of these galaxies in the imaging produces an artificial enhancement in their clustering, which he dubs “blending bias”. This implies that the host dark matter halo masses for these galaxies have previously been significantly overestimated. He also presents amongst the first predictions from a galaxy formation model for observations of these galaxies that will be made by the James Webb Space Telescope (the successor to the Hubble Space Telescope).
