

1. Record Nr.	UNINA9910699055803321
Autore	Brown William L., III.
Titolo	Fort Cronkhite : barracks (Building 1059) and mess hall (Building 1049), Golden Gate National Recreation Area, San Francisco, California [[electronic resource] /] / by Willam L. Brown III and Walter H. Bradford
Pubbl/distr/stampa	[Harpers Ferry, W. Va.] : , : [National Park Service, Media Services], , 2005
Descrizione fisica	1 online resource (154 pages : illustrations (some color), plans)
Collana	Historic furnishings report
Altri autori (Persone)	BradfordWalter H
Soggetti	Historic buildings - Conservation and restoration - California - Fort Cronkhite Historic buildings - Conservation and restoration - California - Golden Gate National Recreation Area House furnishings - California - Fort Cronkhite House furnishings - California - Golden Gate National Recreation Area Fort Cronkhite (Calif.) Golden Gate National Recreation Area (Calif.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 145-153).

2. Record Nr.	UNINA9910300147403321
Autore	Krantz Steven G
Titolo	A Mathematical Odyssey : Journey from the Real to the Complex // by Steven G. Krantz, Harold R. Parks
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 2014
ISBN	1-4614-8939-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (392 p.)
Disciplina	500 510 510.9 519
Soggetti	Mathematics History Popular works Applied mathematics Engineering mathematics History of Mathematical Sciences Popular Science, general Applications of Mathematics
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	""Preface""; ""Contents""; ""1 The Four-Color Problem""; ""1.1 Humble Beginnings""; ""1.2 Kempe, Heawood, and the Chromatic Number""; ""1.3 Heawood's Estimate Confirmed""; ""1.4 Appel, Haken, and a Computer-Aided Proof""; ""A Look Back""; ""References and Further Reading""; ""2 The Mathematics of Finance""; ""2.1 Ancient Mathematics of Finance""; ""2.2 Loans and Charging Interest""; ""2.3 Compound Interest""; ""2.4 Continuously Compounded Interest""; ""2.5 Raising Capital: Stocks and Bonds""; ""2.6 The Standard Model for Stock Prices""; ""2.7 Parameters in the Standard Model"" ""2.8 Derivatives""""2.9 Pricing a Forward""; ""2.10 Arbitrage""; ""2.11 Call Options""; ""2.12 Value of a Call Option at Expiry""; ""2.13 Pricing a Call Option Using a Replicating Portfolio: A Single Time Step""; ""2.14

Pricing a Call Option Using a Replicating Portfolio: Multiple Time Steps"; "2.15 Black-Scholes Option Pricing"; "A Look Back"; "References and Further Reading"; "3 Ramsey Theory"; "3.1 Introduction"; "3.2 The Pigeonhole Principle"; "3.3 The Happy End Problem"; "3.4 Relationship Tables and Ramsey's Theorem for Pairs"; "3.5 Ramsey's Theorem in General"; "References and Further Reading"; "5 The Plateau Problem"; "5.1 Paths That Minimize Length"; "5.2 Surfaces That Minimize Area"; "5.3 Curvature of a Plane Curve"; "5.4 Curvature of a Surface"; "5.5 Curvature of Minimal Surfaces"; "5.6 Plateau's Observations"; "5.7 Types of Spanning Surfaces"; "5.8 The Enneper-Weierstrass Formula"; "5.8.1 Costa's Surface"; "5.9 Solutions by Douglas and RadA"; "5.10 Surfaces Beyond Disc Type"; "5.11 Currents"; "5.12 Regularity Theory"; "5.13 Plateau's Rules"; "A Look Back"; "References and Further Reading"; "6 Euclidean and Non-Euclidean Geometries"; "6.1 The Concept of Euclidean Geometry"; "6.2 A Review of the Geometry of Triangles"; "6.3 Some Essential Properties of Euclidean Geometry"; "6.4 What is Non-Euclidean Geometry?"; "6.5 Spherical Geometry"; "6.6 Neutral Geometry"; "6.7 Hyperbolic Geometry"; "6.7.1 The Question of Consistency"; "6.7.2 Models of Hyperbolic Geometry"; "A Look Back"; "References and Further Reading"; "7 Special Relativity"; "7.1 Introduction"; "7.2 Principles Underlying Special Relativity"; "7.3 Some Consequences of Special Relativity"; "7.4 Momentum and Energy"

Sommario/riassunto

Mathematics is a poem. It is a lucid, sensual, precise exposition of beautiful ideas directed to specific goals. It is worthwhile to have as broad a cross-section of mankind as possible be conversant with what goes on in mathematics. Just as everyone knows that the Internet is a powerful and important tool for communication, so everyone should know that the Poincaré conjecture gives us important information about the shape of our universe. Just as every responsible citizen realizes that the mass-production automobile was pioneered by Henry Ford, just so everyone should know that the P/NP problem has implications for security and data manipulation that will affect everyone. This book endeavors to tell the story of the modern impact of mathematics, of its trials and triumphs and insights, in language that can be appreciated by a broad audience. It endeavors to show what mathematics means for our lives, how it impacts all of us, and what new thoughts it should cause us to entertain. It introduces new vistas of mathematical ideas and shares the excitement of new ideas freshly minted. It discusses the significance and impact of these ideas, and gives them meaning that will travel well and cause people to reconsider their place in the universe. Mathematics is one of mankind's oldest disciplines. Along with philosophy, it has shaped the very modus of human thought. And it continues to do so. To be unaware of modern mathematics is to be miss out on a large slice of life. It is to be left out of essential modern developments. We want to address this point, and do something about it. This is a book to make mathematics exciting for people of all interests and all walks of life. Mathematics is exhilarating, it is ennobling, it is uplifting, and it is fascinating. We want to show people this part of our world, and to get them to travel new paths.
