1. Record Nr. UNINA9910451494403321

Titolo	Deduction, computation, experiment [[electronic resource]] : exploring the effectiveness of proof / / Rossella Lupacchini, Giovanna Corsi (eds.)
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2008
ISBN	1-281-79523-2 9786611795238 88-470-0784-4
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (287 p.)
Altri autori (Persone)	CorsiGiovanna LupacchiniRossella
Disciplina	121.65 511.3
Soggetti	Evidence Logic 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 and index.
Nota di contenuto	Why Proof? What is a Proof? -- On Formal Proofs -- Toy Models in Physics and the Reasonable Effectiveness of Mathematics -- Experimental Methods in Proofs -- Proofs Verifying Programs and Programs Producing Proofs: A Conceptual Analysis -- The Logic of the Weak Excluded Middle: A Case Study of Proof-Search -- Automated Search for Gödel's Proofs -- Proofs as Efficient Programs -- Quantum Combing -- Proofs instead of Meaning Explanations: Understanding Classical vs Intuitionistic Mathematics from the Outside -- Proof as a Path of Light -- Computability and Incomputability of Differential Equations -- Phenomenology of Incompleteness: From Formal Deductions to Mathematics and Physics.
Sommario/riassunto	What is a proof for? What is the characteristic use of a proof as a computation, as opposed to its use as an experiment? What is the relationship between mathematical procedures and natural processes? The essays collected in this volume address such questions from different points of view and will interest students and scholars in several branches of scientific knowledge. Some essays deal with the

	logical skeleton of deduction, others examine the interplay between natural systems and models of computation, yet others use significant results from the natural sciences to illustrate the character of procedures in applied mathematics. Focusing on relevant conceptual and logical issues underlying the overall quest for proving, the volume seeks to cast light on what the effectiveness of proof rests on.

2.

Record Nr.	UNINA9910165131803321
Autore	Warner Phillip
Titolo	The Battle Of Loos
Pubbl/distr/stampa	London : , : Copyright Group, , 2015 ©2015
ISBN	1-85959-513-8
Descrizione fisica	1 online resource (199 pages)
Disciplina	938.07
Soggetti	Military campaigns
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	On 25th September 1915, and for a few days afterwards, the small town of Loos, between Lens and La Bassee in Northern France, became the centre of one of the most intense and bloody battles of the First World War. The casualties were appalling - about 60, 000, most of whom died on the first day. Although the main objective of a large-scale breakthrough, was not achieved, some 8, 000 yards of enemy trench were captured and in some places the German defences were penetrated by up to two miles. Had these initial gains been exploited the course of the war might well have been different. Philip Warner's narrative is vividly brought to life through the words of survivors from all parts of the line: the infantry, the gunners, the officers, and including extracts from the letters and diaries of Sir John French - if courage and endurance could have won the day, Loos would have been a resounding success. Through their accounts and diaries of the time,

	they reveal one of the most horrific tales of war yet told as well as the heroism and determination that in the end tipped the scales to victory.

3.

Record Nr.	UNINA9910346713803321
Autore	Berg Oliver
Titolo	Elektrischer Transport durch Nanokontakte von Selten-Erd-Metallen
Pubbl/distr/stampa	KIT Scientific Publishing, 2014
ISBN	1000040632
Descrizione fisica	1 online resource (IV, 90 p. p.)
Collana	Experimental Condensed Matter Physics / Karlsruher Institut für Technologie, Physikalisches Institut
Soggetti	Physics
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In this book the electronic transport through rare-earth nanocontacts is investigated. These nanocontacts can be fabricated by the mechanically controlled break-junctions. The conductance through such a nanocontact is strongly influenced by the element's electronic structure. This is probably caused by the variable strength of localization of the 4f states.