1.	Record Nr.	UNINA9910960333603321
	Autore	Nagel Ernest <1901-1985, >
	Titolo	Godel's proof / / by Ernest Nagel and James R. Newman
	Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2005
	ISBN	1-135-86539-6 0-203-71522-5 1-283-88476-3 1-135-86532-9
	Edizione	[3rd ed.]
	Descrizione fisica	1 online resource (105 p.)
	Collana	Routledge classics
	Altri autori (Persone)	NewmanJames R <1907-1966.> (James Roy)
	Disciplina	511.3
	Soggetti	Godel's theorem
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	First published 1958 by Routledge.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Godel's Proof; Copyright; Contents; Acknowledgments; 1 Introduction; 2 The Problem of Consistency; 3 Absolute Proofs of Consistency; 4 The Systematic Codification of Formal Logic; 5 An Example of a Successful Absolute Proof of Consistency; 6 The Idea of Mapping and its Use in Mathematics; 7 Godel's Proofs; A Godel numbering; B The arithmetization of meta-mathematics; C The heart of Godel's argument; 8 Concluding Reflections; Notes; Brief Bibliography; Index
	Sommario/riassunto	'Nagel and Newman accomplish the wondrous task of clarifying the argumentative outline of Kurt Godel's celebrated logic bomb.' - The GuardianIn 1931 the mathematical logician Kurt Godel published a revolutionary paper that challenged certain basic assumptions underpinning mathematics and logic. A colleague of physicist Albert Einstein, his theorem proved that mathematics was partly based on propositions not provable within the mathematical system. The importance of Godel's Proof rests upon its radical implications and has echoed throughout many fields