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Descrizione fisica	1 online resource (xvi, 446 pages) : illustrations (some color), charts
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Soggetti	Mathematics Logic, Symbolic and mathematical Induction (Mathematics)
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Nota di contenuto	1 Theorems of 2001 -- 2 Theorems of 2002 -- 3 Theorems of 2003 -- 4 Theorems of 2004 -- 5 Theorems of 2005 -- 6 Theorems of 2006 -- 7 Theorems of 2007 -- 8 Theorems of 2008 -- 9 Theorems of 2009 -- 10 Theorems of 2010 -- General Index -- Name Index.
Sommario/riassunto	This book consists of short descriptions of 106 mathematical theorems, which belong to the great achievements of 21st century mathematics but require relatively little mathematical background to understand their formulation and appreciate their importance. The selected theorems of this volume, chosen from the famous Annals of Mathematics journal, cover a broad range of topics from across mathematics. Each theorem description is essentially self-contained, can be read independently of the others, and requires as little preliminary knowledge as possible. Although the sections often start with an informal discussion and toy examples, all the necessary definitions are included and each description culminates in the precise formulation of the corresponding theorem. Filling the gap between surveys written for mathematicians and popular mathematics, this book is intended for readers with a keen interest in contemporary mathematics.