

1. Record Nr.	UNINA9910809598603321
Autore	Yandell Ben
Titolo	The honors class : Hilbert's problems and their solvers // Benjamin H. Yandell
Pubbl/distr/stampa	Natick, Mass., : A.K. Peters, c2002
ISBN	0-429-06429-2 1-4398-6422-5
Edizione	[First edition.]
Descrizione fisica	1 online resource (497 p.)
Disciplina	510/.9/04
Soggetti	Mathematics - History - 20th century Mathematicians
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 (p. 453-472) and index.
Nota di contenuto	chapter Introduction: The Origin of the Coordinates -- chapter The Foundation Problems 1, 2, 10 -- chapter The Foundations of Specific Areas 3, 4, 5, 6 -- chapter Number Theory 7, 8, 9, 11, 12 -- chapter Algebra and Geometry: A Miscellany 14, 15, 16, 17, 18 -- chapter The Analysis Problems 13, 19, 20, 21, 22, 23 -- chapter We Come to Our Census -- chapter Appendix -- chapter Mathematical Problems -- chapter Notes -- chapter Selected Bibliography.
Sommario/riassunto	This eminently readable book focuses on the people of mathematics and draws the reader into their fascinating world. In a monumental address, given to the International Congress of Mathematicians in Paris in 1900, David Hilbert, perhaps the most respected mathematician of his time, developed a blueprint for mathematical research in the new century. Jokingly called a natural introduction to thesis writing with examples, this collection of problems has indeed become a guiding inspiration to many mathematicians, and those who succeeded in solving or advancing their solutions form an Honors Class among research mathematicians of this century. In a remarkable labor of love and with the support of many of the major players in the field, Ben Yandell has written a fascinating account of the achievements of this Honors Class, covering mathematical substance and biographical aspects.

