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Titolo	Hungarian Problem Book IV [[electronic resource]]
Pubbl/distr/stampa	Washington : , : Mathematical Association of America, , 2011
ISBN	1-61444-405-6
Descrizione fisica	1 online resource (132 p.)
Collana	Problem Books
Altri autori (Persone)	LiuAndy
Disciplina	510
Soggetti	Mathematics -- Problems, exercises, etc Mathematics Physical Sciences & Mathematics Mathematics - General Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Problem Set: Graph Theory""""Problem Set: Number Theory""; ""Problem Set: Divisibility""; ""Problem Set: Sums and Differences""; ""Problem Set: Algebra""; ""Problem Set: Geometry""; ""Problem Set: Tangent Lines and Circles""; ""Problem Set: Geometric Inequalities""; ""Problem Set: Combinatorial Geometry""; ""Problem Set: Trigonometry""; ""Problem Set: Solid Geometry""; ""Looking Back""; ""Discussion on Combinatorics""; ""Discussion on Number Theory""; ""Discussion on Algebra""; ""Discussion on Geometry""; ""About the Editors""
Sommario/riassunto	The Eotvos Mathematics Competition is the oldest high school mathematics competition in the world, dating back to 1894. This book is a continuation of Hungarian Problem Book III and takes the contest through 1963. Forty-eight problems in all are presented in this volume. Problems are classified under combinatorics, graph theory, number theory, divisibility, sums and differences, algebra, geometry, tangent lines and circles, geometric inequalities, combinatorial geometry, trigonometry and solid geometry. Multiple solutions to the problems are presented along with background material. There is a substantial chapter entitled "Looking Back," which provides additional insights into the problems. Hungarian Problem Book IV is intended for beginners,

although the experienced student will find much here. Beginners are encouraged to work the problems in each section, and then to compare their results against the solutions presented in the book. They will find ample material in each section to help them improve their problem-solving techniques.
