

1.	Record Nr.	UNISALENTO991000076789707536
	Autore	Bovio, Libero
	Titolo	Poesia e dolore di Vittoria Colonna : preludio alle celebrazioni campane, 14. / Libero Bovio
	Pubbl/distr/stampa	Napoli : Rispoli Anonima, 1937
	Descrizione fisica	39 p. : ill. ; 16 cm
	Soggetti	Colonna, Vittoria Colonna, Vittoria
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991002175539707536
	Autore	Young, Iris Marion
	Titolo	Le politiche della differenza / Iris Marion Young ; presentazione di Luigi Ferrajoli ; traduzione di Adriana Bottini
	Pubbl/distr/stampa	Milano : Feltrinelli, 1996
	Descrizione fisica	xi, 363 p. ; 23 cm.
	Collana	Campi del sapere
	Altri autori (Persone)	Ferrajoli, Luigi Bottini, Adriana
	Disciplina	320.011
	Soggetti	Equità Giustizia - Concetto
	Lingua di pubblicazione	Italiano
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	Livello bibliografico	Monografia

3. Record Nr.	UNINA9911006632203321
Autore	Hayes Wallace D
Titolo	Hypersonic Inviscid Flow
Pubbl/distr/stampa	Newburyport, : Dover Publications, 2012
ISBN	1-5231-0964-5 0-486-16048-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1074 p.)
Collana	Dover Books on Physics
Altri autori (Persone)	ProbsteinRonald F
Disciplina	629.132 629.132306
Soggetti	Aerodynamics, Hypersonic Air flow -- Mathematical models Inviscid flow
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di contenuto	Title Page; Copyright Page; Dedication; PREFACE TO THE DOVER EDITION; PREFACE TO VOLUME I; PREFACE TO THE FIRST EDITION; Table of Contents; Erratum; CHAPTER I - GENERAL CONSIDERATIONS; 1. Introductory remarks; 2. General features of hypersonic flow fields; 3. Assumptions underlying inviscid hypersonic theory; 4. The normal shock wave; 5. Oblique and curved shocks; 6. Mach number independence principle; 7. General strip theory; 8. Dissipative effects; CHAPTER II - SMALL-DISTURBANCE THEORY; 1. Introduction and basic equations; 2. Hypersonic similitude 3. Unified supersonic-hypersonic similitude4. Slender-body strip theory; 5. Examples of small-disturbance solutions; 6. Similar power-law solutions; 7. Application of similar solutions to steady flows; 8. Slightly blunted slender bodies; 9. Large incidence and correlation of similitudes; 10. Unsteady flow theory; 11. Nonequilibrium effects; CHAPTER III - NEWTONIAN THEORY; 1. The gasdynamics of Sir Isaac Newton; 2. Two-dimensional and axisymmetric bodies; 3. Simple shapes and free layers; 4. Optimum shapes; 5. Shock layer structure and cross flow phenomena 6. Shock layer structure with cross flow7. Conical flow; 8. Bodies of revolution at small incidence; 9. Unsteady flow; CHAPTER IV -

CONSTANT-DENSITY SOLUTIONS; 1. The wedge; 2. The cone; 3. Circular cylinder; 4. The sphere; 5. Solutions with cross flow; CHAPTER V - THE THEORY OF THIN SHOCK LAYERS; 1. Basic concepts; 2. Successive approximation schemes; 3. Constant-streamtube-area approximation; 4. Two-dimensional and axisymmetric blunt-faced bodies; 5. Quasi wedges and quasi cones; 6. Conical bodies; 7. General blunt-faced bodies and related similitudes; 8. Integral methods 9. Newtonian separation10. Nonequilibrium flows; CHAPTER VI - NUMERICAL METHODS FOR BLUNT-BODY FLOWS; 1. Nature of the problem; 2. Streamtube-continuity methods; 3. Method of integral relations and polynomial approximation; 4. Relaxation techniques and the unsteady approach method; 5. The inverse problem; 6. Procedures with nonequilibrium; CHAPTER VII - OTHER METHODS FOR LOCALLY SUPERSONIC FLOWS; 1. Method of characteristics; 2. Shock-expansion theory; 3. Tangent-wedge and tangent-cone; 4. Conical flows; 5. Nonequilibrium flows; CITED REFERENCES; SYMBOL INDEX; SUBSCRIPTS; SUPERSSCRIPTS
MATHEMATICAL AND SPECIAL SYMBOLSAUTHOR INDEX

Sommario/riassunto

This treatment of the branch of fluid mechanics known as hypersonic inviscid flow offers a self-contained, unified view of nonequilibrium effects, body geometries, and similitudes available in hypersonic flow and thin shock layer theory. Seeking to cultivate readers' appreciation of theory, the text avoids empirical approaches and focuses on basic theory and related fundamental concepts. Contents include introductory materials and chapters on small-disturbance theory, Newtonian theory, constant-density solutions, the theory of thin shock layers, numerical methods for blunt-body flows, and oth
