

1. Record Nr.	UNINA9910454172003321
Autore	Yahya S. M
Titolo	Gas tables for compressible flow calculations [[electronic resource] /] / S.M. Yahya
Pubbl/distr/stampa	New Delhi, : New Age International (P) Ltd., Publishers, c2006
ISBN	1-281-22436-7 9786611224363 81-224-2322-1
Edizione	[5th ed.]
Descrizione fisica	1 online resource (159 p.)
Disciplina	621.43 621.43/0212
Soggetti	Air Thermodynamics 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	Cover; Preface to the Fifth Edition; Preface to the First Edition; Contents; Notation; Introduction; Table 1. Gas dynamic properties of air at various temperatures; Table 2. Properties of Standard Atmosphere; Table 3. Isentropic Flow of Perfect Gases; Table 4. Normal Shocks in Perfect Gases; Table 5. Oblique Shocks in Perfect Gases; Table 6. Flow of Perfect Gases with Friction (Fanno Flow); Table 7. Isothermal Flow of Perfect Gases with Friction; Table 8. Flow of Perfect Gases with Heat Transfer (Rayleigh Flow); Table 9. Prandtl-Meyer Function with Mach Angles Table 10. Approximate Velocities and Mach Numbers of Air Table 11. Manometer Inclinations Required for the Desired Magnification of the Deflection; Table 12. Static Pressure Drop in Gas Pipe Lines; Table 13. Isentropic Compressor Power; Table 14. Pumping Power for Fans and Blowers; Table 15. S.I, Metric and British Units
Sommario/riassunto	The subject of compressible flow or gas dynamics deals with the thermo-fluid dynamic problems of gases and vapours. It is now an important part of the undergraduate and postgraduate curricula. Fundamentals of Compressible Flow covers this subject in fourteen well

organised chapters in a lucid style. A large mass of theoretical material and equations has been supported by a number of figures and graphical depictions. Author's sprawling teaching experience in this subject and allied areas is reflected in the clarity, and systematic and logical presentation.

2. Record Nr.	UNINA9910220158603321
Titolo	Dangerous but not omnipotent : exploring the reach and limitations of Iranian power in the Middle East / / Frederic Wehrey ... [et al.]
Pubbl/distr/stampa	Santa Monica, CA, : RAND, 2009
ISBN	1-282-28267-0 9786612282676 0-8330-4720-5
Descrizione fisica	1 online resource (233 p.)
Collana	Rand Corporation monograph series Dangerous but not omnipotent
Altri autori (Persone)	WehreyFrederic M
Disciplina	327.73055
Soggetti	Political culture - Iran State-sponsored terrorism - Iran Terrorism - Middle East Weapons of mass destruction - Iran United States Foreign relations Iran Iran Foreign relations United States Iran Politics and government 1997- Iran Military policy Iran Foreign relations Middle East Middle East Foreign relations Iran
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Preface; Contents; Figures; Table; Summary; Acknowledgments; Abbreviations; CHAPTER ONE Introduction: Understanding the Iranian Challenge; CHAPTER TWO Assertiveness and Caution in Iranian Strategic Culture; CHAPTER THREE Asymmetric Ambition and

Conventional Reality: Iran's Evolving Defense Strategy, Doctrine, and Capabilities; CHAPTER FOUR Iran and Its Non-State Partners: Assessing Linkages and Control; CHAPTER FIVE Arab Perceptions of the Iranian Threat; CHAPTER SIX Conclusion: U.S. Strategy and the Islamic Republic; References

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## Sommario/riassunto

In an analysis grounded in the observation that although Iranian power projection is marked by strengths, it also has serious liabilities and limitations, this report surveys the nature of both in four critical areas and offers a new U.S. policy paradigm that seeks to manage the challenges Iran presents through the exploitation of regional barriers to its power and sources of caution in the regime's strategic calculus.

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