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Autore	Babu V.
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Nota di contenuto	Introduction -- One Dimensional Flows - Basics -- Normal Shock Waves -- Flow with Heat Addition- Rayleigh Flow -- Flow with Friction - Fanno Flow -- Quasi One Dimensional Flows -- Oblique Shock Waves -- Prandtl Meyer Flow -- Flow of Steam through Nozzles.
Sommario/riassunto	This textbook on Fundamentals of Gas Dynamics will help students with a background in mechanical and/or aerospace engineering and practicing engineers working in the areas of aerospace propulsion and gas dynamics by providing a rigorous examination of most practical engineering problems. The book focuses both on the basics and more complex topics such as quasi one dimensional flows, oblique shock waves, Prandtl Meyer flow, flow of steam through nozzles, etc. End of chapter problems, solved illustrations and exercise problems are presented throughout the book to augment learning.