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Altri autori (Persone)	BlundellKatherine M
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; I: Preliminaries; II: Kinetic theory of gases; III: Transport and thermal diffusion; IV: The first law; V: The second law; VI: Thermodynamics in action; VII: Statistical mechanics; VIII: Beyond the ideal gas; IX: Special topics; A: Fundamental constants; B: Useful formulae; C: Useful mathematics; D: The electromagnetic spectrum; E: Some thermodynamical definitions; F: Thermodynamic expansion formulae; G: Reduced mass; H: Glossary of main symbols; I: Bibliography; Index
Sommario/riassunto	This modern introduction to thermal physics contains a step-by-step presentation of the key concepts. The text is copiously illustrated and each chapter contains several worked examples. - ;An understanding of thermal physics is crucial to much of modern physics, chemistry and engineering. This book provides a modern introduction to the main principles that are foundational to thermal physics, thermodynamics, and statistical mechanics. The key concepts are carefully presented in a clear way, and new ideas are illustrated with copious worked examples as well as a description of the historical b

