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Titolo	Discover entropy and the second law of thermodynamics [[electronic resource]] : a playful way of discovering a law of nature / / Arieh Ben-Naim
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific, c2010
ISBN	1-283-14440-9 9786613144409 981-4299-77-4
Descrizione fisica	1 online resource (300 p.)
Disciplina	536/.73
Soggetti	Entropy Second law of thermodynamics 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 bibliografia	Includes bibliographical references (p. 257-258) and index.
Nota di contenuto	Contents; Preface; Self-Testing Kit; List of Abbreviations; Acknowledgement; CHAPTER 1 Introduction: A Brief History of Entropy and the Second Law of Thermodynamics; CHAPTER 2 All You Need to Know but Never Dared to Admit that You Already Know; CHAPTER 3 Discover the Uniform Spatial Distribution; CHAPTER 4 Discover the Boltzmann Distribution; CHAPTER 5 Discover the Maxwell-Boltzmann Distribution; CHAPTER 6 Entropy and the Second Law in theWorld of Marbles; CHAPTER 7 Entropy and the Second Law in the Real World; CHAPTER 8 Notes; Epilogue; References and Suggested Reading; Index
Sommario/riassunto	This is a sequel to the author's book entitled ""Entropy Demystified"". The aim is essentially the same as that of the previous book by the author: to present Entropy and the Second Law as simple, meaningful and comprehensible concepts. In addition, this book presents a series of experiments which are designed to help the reader discover entropy and the Second Law. While doing the experiments, the reader will encounter no unexpected results, and concepts of entropy and the Second Law will emerge naturally from these experiments without a

tinge of mystery. These concepts are explained with the