

- |                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNIORUON00102964   |
| Autore                  | TRENDALL, Arthur Dale  |
| Titolo                  | Early South Italian Vase-Painting / A.D. Trendall  |
| Pubbl/distr/stampa      | Mainz, : Philipp von Zabern, 1974  |
| Descrizione fisica      | 1 v. ; 23 cm   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| 2. Record Nr.           | UNINA9910595044703321  |
| Autore                  | Di Vita Andrea   |
| Titolo                  | Non-equilibrium Thermodynamics // by Andrea Di Vita  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022  |
| ISBN                    | 9783031122217<br>9783031122200   |
| Edizione                | [1st ed. 2022.]  |
| Descrizione fisica      | 1 online resource (239 pages)  |
| Collana                 | Lecture Notes in Physics, , 1616-6361 ; ; 1007   |
| Disciplina              | 536.7  |
| Soggetti                | Physics<br>Thermodynamics<br>System theory<br>Statistical physics<br>Classical and Continuum Physics<br>Complex Systems<br>Statistical Physics |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Looking for the Holy Grail? -- Thermodynamic equilibrium -- Local  |

thermodynamic equilibrium -- Linear non-equilibrium thermodynamics  
-- Beyond linear non-equilibrium thermodynamics.

---

Sommario/riassunto

The importance of thermodynamics, particularly its Second Principle, to all branches of science in which systems with very large numbers of particles are involved cannot be overstated. This book offers a panoramic view of non-equilibrium thermodynamics. Perhaps the two most attractive aspects of thermodynamic equilibrium are its stability and its independence from the specifics of the particular system involved. Does an equivalent exist for non-equilibrium thermodynamics? Many researchers have tried to describe such stability in the same way that the Second Principle describes the stability of thermodynamic equilibrium - and failed. Most of them invoked either entropy, or its production rate, or some modified version of it. In their efforts, however, those researchers have found a lot of useful stability criteria for far-from-equilibrium states. These criteria usually take the form of variational principles, in terms of the minimization or maximization of some quantity. The aim of this book is to discuss these variational principles by highlighting the role of macroscopic quantities. This book is aimed at a wider audience than those most often exposed to the criteria described, i.e., undergraduates in STEM, as well as the usual interested and invested professionals.

---