

BOOK REVIEW

INTRODUCTION TO THERMODYNAMICS OF IRREVERSIBLE PROCESSES by I. Prigogine. Pp. xi + 119. Interscience Publishers Inc., New York 1962, Second Revised Edition. Price \$. 5.00

It is well known that most of the phenomena studied in different subjects are irreversible and cannot be treated accurately by the classical thermodynamics based on the assumption of reversible processes and true equilibrium states. As a consequence, the subject of the thermodynamics of irreversible processes has recently been receiving considerable attention from scientific workers. This monograph written by one of the foremost authorities on the subject represents a very concise and elegant introduction to irreversible thermodynamics.

In chapters I-IV the basic ideas of the irreversible thermodynamics have been discussed and explained. The departure from the classical thermodynamics have very clearly been pointed out. Chapters V-VII deal with a few selected applications of irreversible thermodynamics to physico-chemical problems. The only addition made in this second edition is the last chapter dealing with the non-linear problems which will be of particular interest to research workers.

This book will be of immense value to students and scientific workers who wish to have a brief introduction to the subject of irreversible thermodynamics. It is excellently bound but the price is somewhat high.

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