

PREFACE

This book on thermoluminescence and related phenomena, based on questions and answers, is born after many years of teaching.

The aim of the book is to cover not all but at least a great percentage of the possible questions which can arise during a teaching course as well as to solve quickly the doubts of the students during the study and the laboratory practice.

The book collects a series of questions, and the relative answers, over the main arguments of thermoluminescence, i.e. general properties, theory and kinetics methods. Other sections are concerning with thermoluminescence related phenomena as optically stimulated luminescence, luminescence dating, thermally stimulated conductivity, thermo stimulated current and so on. At the end of the book a large list of reference books and papers is also given.

The present book offers then a unique advantage to students and teachers in solid state physics, radiation dosimetry and nuclear science and techniques. The book, at the same time, is a strong support for the available thermoluminescence text books.