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| Nota di contenuto | Lanthanide glass spectroscopy and fiber lasers / Brian M. Walsh, Norman P. Barnes, Russell J. DeYoung -- Analysis of the laser transition and non-radiative properties of Nd ³⁺ in novel fluorophosphate glasses / Ju H. Choi ... [et al.] -- Rare-earth-doped glasses for integrated optical amplifiers / Maurizio Ferrari, G.C. Righini -- Synthesis and spectroscopic properties of rare earth ions doped bismuth borate glasses / Yu Jin Chen, Yi Dong Huang, Yong Hao Liu -- Optical properties of the rare earth ions in fluoride glasses / Victor Lavin, Inocencio R. Martin Ulises R. Rodriguez-Mendoza -- Structure and emission properties of sulfide glasses doped with rare-earth ions / Jong Heo -- Luminescence spectra of rare earth ions doped zinc boro silicate and lead bismuth germanate glasses / N. Sooraj Hussain ... [et al.] -- Optical properties of rare-earth ions doped lithium boro tellurite glasses / N. Sooraj Hussain ... [et al.]. |
| Sommario/riassunto | The aim of this work is to review the latest developments in glass science and technology. It presents various types of glass, of both academic and technological importance, in which the host is doped with rare-earth ions. Glass science has reached a very interesting stage in its development, with scope for a wider-ranging investigation of technologically oriented glasses. One of the primary goals of this book, |

""Physics and chemistry of Rare Earth ion doped glasses"", is to highlight new developments and opportunities in glass science, with the emphasis on research into rare-earth ion doped g
