

Nanoalloys from fundamentals to emergent applications / edited by Florent Calvo

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20427385&lokasi=lokal>

Abstrak

Nanoalloys : from fundamentals to emergent applications presents and discusses the major topics related to nanoalloys at a time when the literature on the subject remains scarce. Particular attention is paid to experimental and theoretical aspects under the form of broad reviews covering the most recent developments. The book is organized into 11 chapters covering the most fundamental aspects of nanoalloys related to their synthesis and characterization, as well as their theoretical study. Aspects related to their thermodynamics and kinetics are covered as well. The coverage then moves to more specific topics, including optics, magnetism and catalysis, and finally to biomedical applications and the technologically relevant issue of self-assembly.

With no current single reference source on the subject, the work is invaluable for researchers as the nanoscience field moves swiftly to full monetization.