



Solid State Nuclear Track Detectors and Their Applications

By N. L. Singh

Narosa Publishing House. Hardback. Condition: new. BRAND NEW, Solid State Nuclear Track Detectors and Their Applications, N. L. Singh, SOLID STATE NUCLEAR TRACK DETECTORS AND THEIR APPLICATIONS discusses radiation and environments, radon-thoron monitoring in building materials, soil samples, drinking water, plants and neutron flux monitoring alongwith simulation of radiation damage, ion irradiation of materials and its characterizations by means of different techniques such as positron annihilation spectroscopy etc., Fabrication routes to nanotechnology, I-V characteristics of Cu-nanowires, V-VI binary and their pseudo binary, SHI effect on dilute Fe doped alloy, track etch parameters, electrical and dielectric properties of different materials viz. polymeric blends, BFN, nano composites and hexaferrites. The book also discusses Phosphors for radiation dosimetry and thermo luminescence (TL) of natural salt, salt crystals from pickles, photoluminescence and TL of Eu doped phosphors, Ce doped calcium ortho silicate, Nd doped magnesium ortho silicate, minerals etc.



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