

1. Record Nr.	UNINA9910814852503321
Titolo	Defects and diffusion in semiconductors XIII // edited by D.J. Fisher
Pubbl/distr/stampa	Durnten-Zurich : , : Trans Tech Publications Ltd, , [2011] ©2011
ISBN	3-03813-520-8
Descrizione fisica	1 online resource (178 p.)
Collana	Defect and diffusion forum, , 1662-9507 ; ; volume 318
Altri autori (Persone)	FisherD. J
Disciplina	621.38152
Soggetti	Semiconductors - Defects Diffusion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Defects and Diffusion in Semiconductors XIII; Table of Contents; Effect of KCl Addition upon the Photocatalytic Activity of Zinc Sulphide; Localized Vibrational Mode in Manganese-Doped Zinc Sulphide and Cadmium Sulphide Nanoparticles; The Effect of a Light Impurity on the Electronic Structure of Dislocations in NiAl; Analysis of Finite Element Discretisation Schemes for Multi-Phase Darcy Flow; Theoretical Investigations of the Defect Structure for Ni <sup>3+</sup> in ZnO; Abstracts; Keywords Index; Authors Index
Sommario/riassunto	This thirteenth volume in the series covering the latest results in the field includes abstracts of papers which have appeared since the publication of Annual Retrospective XII (Volumes 303-304). As well as the over 300 semiconductor-related abstracts, the issue includes the original papers: ""Effect of KCl Addition upon the Photocatalytic Activity of Zinc Sulphide"" (D.Vaya, A.Jain, S.Lodha, V.K.Sharma, S.C.Ameta), ""Localized Vibrational Mode in Manganese-Doped Zinc Sulphide and Cadmium Sulphide Nanoparticles"" (M.Ragam, N.Sankar, K. Ramachandran), ""The Effect of a Light Impurity on the Elec