

1. Record Nr.	UNINA9910460137203321
Titolo	Point defect energies / / edited by D. J. Fisher
Pubbl/distr/stampa	[Pfaffikon, Zurich, Switzerland] : , : Trans Tech Publications, , [2015] ©2015
ISBN	3-03826-783-X
Descrizione fisica	1 online resource (8 p.)
Collana	Defect and Diffusion Forum ; ; v.360
Disciplina	548.842
Soggetti	Point defects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Point Defect Energies; Table of Contents; Abstracts
Sommario/riassunto	The point defect is just one of the menagerie of defects (comprising dislocations, dissections, discommensurations, stacking-faults, antiphase boundaries, etc.) which affect the mechanical and other properties of all materials. The class of point defect can be further divided into interstitial, substitutional and antisite. Various combinations of these defects lead to pairings such as those of Frenkel and Shottky type. The present volume comprises a compilation of selected data concerning point defects in metals, semiconductors, carbon and carbides, nitrides, halides, oxides and miscellaneous