

1. Record Nr.	UNINA9910790261903321
Titolo	Diffusionless transformations, high strength steels, modelling and advanced analytical techniques [[electronic resource] /] / edited by Elena Pereloma and David V. Edmonds
Pubbl/distr/stampa	Cambridge, : Woodhead Pub., 2012
ISBN	0-85709-611-7
Descrizione fisica	1 online resource (673 p.)
Collana	Phase transformations in steels ; ; v. 2
Altri autori (Persone)	PerelomaElena EdmondsDavid V
Disciplina	672
Soggetti	Steel - Metallurgy Physical metallurgy Phase diagrams
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	pt. 1. Diffusionless transformations -- pt. 2. Phase transformations in high strength steels -- pt. 3. Modelling phase transformations -- pt. 4. Advanced analytical techniques for studying phase transformations in steels.
Sommario/riassunto	The processing-microstructure-property relationships in steels continue to present challenges to researchers because of the complexity of phase transformation reactions and the wide spectrum of microstructures and properties achievable. This major two-volume work summarises the current state of research on phase transformations in steels and its implications for the emergence of new steels with enhanced engineering properties. Volume 2 reviews current research on diffusionless transformations and phase transformations in high strength steels, as well as advances in modelling and analyti