1. Record Nr. UNINA9910451119103321

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Titolo	Introduction to computational plasticity [[electronic resource] /] / Fionn Dunne and Nik Petrinic
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2005
ISBN	0-19-151380-6 1-4294-5996-4
Descrizione fisica	1 online resource (259 p.)
Altri autori (Persone)	PetrinicNik
Disciplina	620.1/1233
Soggetti	Plasticity Electronic books.
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	Contents; Acknowledgements; Notation; Part I. Microplasticity and continuum plasticity; Part II: Plasticity models; Appendix A: Elements of tensor algebra; Appendix B: Fortran coding available via the OUP website; Index
Sommario/riassunto	The book covers an introduction to the computational analysis of plasticity in engineering materials and structures. The general theory is presented which, wherever possible, is reduced to simple, one-dimensional forms to develop understanding and a good 'physical feel' for the theory. Implementations of the theory in to modern computer solution techniques are described and several examples given. - ;This book gives an introduction to computational plasticity and includes the kinematics of large deformations, together with relevant continuum mechanics. Central to the book is its focus on compu