1. Record Nr. UNINA9910780567003321

Autore	Otter A. A. den (Andy Albert den), <1941->
Titolo	The philosophy of railways : the transcontinental railway idea in British North America / / A.A. den Otter
Pubbl/distr/stampa	Toronto, [Ontario] ; ; Buffalo, [New York] ; ; London, [England] : , : University of Toronto Press, , 1997 ©1997
ISBN	1-282-02558-9 9786612025587 1-4426-7846-1
Descrizione fisica	1 online resource (317 p.)
Disciplina	385.0971
Soggetti	Railroads - Canada - History Livres numeriques. History e-books. Electronic books. Britisch-Nordamerika Canada
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	; 1. Technological Nationalism: The Backdrop -- ; 2. The Guarantee Act: Signpost for an Era -- ; 3. Nova Scotia: Railways and the New Economy -- ; 4. The Grand Trunk Railway: The New Imperialism -- ; 5. Saint John: Fulcrum Metropol -- ; 6. The Pacific Scandal: Nationalism and Business -- ; 7. The National Policy: Defining a Nation -- ; 8. The Philosophy of Railways: Conclusions and Conjectures.
Sommario/riassunto	"When, in the late 1980s, the federal government initiated a plan to deregulate the Canadian railway system, lobby groups protested the betrayal of a national mandate. They asserted that the railway was founded to promote a sense of national identity, to provide access to isolated regions of the country, and to ensure a transnational exchange of goods and ideas. In The Philosophy of Railways, A.A. den Otter considers the relationship between nationalism and technology, and

	shows how the popular rhetoric surrounding the evolution of the Canadian Pacific Railway has mythologized the role of a private corporation and its technology. He questions the notion that the railways were built as an antidote to American manifest destiny, suggesting instead that the widespread adoption of railway transportation as a civilizing mission impelled Canadians to bow to technology's integrating effects, including confederation and closer ties with the United States."--Jacket.

2. Record Nr. UNINA9911020434103321

Autore	Neto E. A. de Souza (Eduardo)
Titolo	Computational methods for plasticity : theory and applications / / Eduardo de Souza Neto, Djordje Peric, David Owens
Pubbl/distr/stampa	Chichester, West Sussex, UK, : Wiley, 2008
ISBN	9786612348587 9781119964544 1119964547 9781282348585 1282348582 9780470694626 0470694629 9780470694633 0470694637
Descrizione fisica	1 online resource (815 p.)
Altri autori (Persone)	PericDjordje OwensDavid <1948->
Disciplina	531/.385
Soggetti	Plasticity - Mathematical models Mathematics
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	Computational Methods for Plasticity; CONTENTS; Preface; Part One Basic concepts; 1 Introduction; 2 Elements of tensor analysis; 3

Elements of continuum mechanics and thermodynamics; 4 The finite element method in quasi-static nonlinear solid mechanics; 5 Overview of the program structure; Part Two Small strains; 6 The mathematical theory of plasticity; 7 Finite elements in small-strain plasticity problems; 8 Computations with other basic plasticity models; 9 Plane stress plasticity; 10 Advanced plasticity models; 11 Viscoplasticity; 12 Damage mechanics; Part Three Large strains
13 Finite strain hyperelasticity14 Finite strain elastoplasticity; 15 Finite elements for large-strain incompressibility; 16 Anisotropic finite plasticity: Single crystals; Appendices; A Isotropic functions of a symmetric tensor; B The tensor exponential; C Linearisation of the virtual work; D Array notation for computations with tensors; References; Index

Sommario/riassunto

The subject of computational plasticity encapsulates the numerical methods used for the finite element simulation of the behaviour of a wide range of engineering materials considered to be plastic - i.e. those that undergo a permanent change of shape in response to an applied force. Computational Methods for Plasticity: Theory and Applications describes the theory of the associated numerical methods for the simulation of a wide range of plastic engineering materials; from the simplest infinitesimal plasticity theory to more complex damage mechanics and finite strain crystal plasticity m