

1. Record Nr.	UNINA9910306631403321
Autore	Mayer Evelyn P. <1980->
Titolo	Narrating North American borderlands : Thomas King, Howard F. Mosher and Jim Lynch / / Evelyn P. Mayer
Pubbl/distr/stampa	Frankfurt am Main, Germany : , : Peter Lang, , [2014] ©2014
ISBN	9783653044973 9783653983548 9783653983531 9783631653227
Descrizione fisica	1 online resource (227 pages) : illustrations; digital, PDF file(s)
Collana	Mainzer Studien zur Amerikanistik ; ; Band 64
Disciplina	813.009
Soggetti	Border crossing in literature - Canada Border crossing in literature - United States Borderlands in literature - American fiction Borderlands in literature - Canadian fiction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally presented as the author's doctoral thesis: Mainz, 2014
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	The study centers on the presentation of the North American borderlands in the works of Canadian Native writer Thomas King's <i>Truth &amp; Bright Water</i> (1999), American writer Howard Frank Mosher's <i>On Kingdom Mountain</i> (2007), and American writer Jim Lynch's <i>Border Songs</i> (2009). The three authors describe the peoples and places in the northeastern, middle and northwestern border regions of the USA and Canada. The novels address important border-oriented aspects such as indigeneity, the borderlands as historic territory and as utopian space, border crossing and transcendence, post-9/11 security issues, social interaction along the border, and gender specifics. The interpretation also examines the meaning of border imaginaries, border conceptualizations, and the theme of resistance and subversion.

2. Record Nr.	UNINA9910484019903321
Autore	Cossali Gianpietro Elvio
Titolo	Drop Heating and Evaporation: Analytical Solutions in Curvilinear Coordinate Systems // by Gianpietro Elvio Cossali, Simona Tonini
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-49274-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xi, 399 pages)
Collana	Mathematical Engineering, , 2192-4732
Disciplina	530.427 536.44
Soggetti	Fluid mechanics Engineering mathematics Computer science - Mathematics Mathematical models Geometry, Differential Engineering Fluid Dynamics Engineering Mathematics Computational Science and Engineering Mathematical Modeling and Industrial Mathematics Differential Geometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I: Mathematical tools -- Introduction to tensor analysis -- Elements of differential geometry of a surface -- Separability of PDE -- Orthogonal curvilinear coordinate systems -- Sturm-Liouville problems -- Part II: Mass, momentum and energy conservation equations in curvilinear coordinates -- Conservation equations. .
Sommario/riassunto	This book describes analytical methods for modelling drop evaporation, providing the mathematical tools needed in order to generalise transport and constitutive equations and to find analytical solutions in curvilinear coordinate systems. Transport phenomena in gas mixtures are treated in considerable detail, and the basics of differential geometry are introduced in order to describe interface-related

transport phenomena. One chapter is solely devoted to the description of sixteen different orthogonal curvilinear coordinate systems, reporting explicitly on the forms of their differential operators (gradient, divergent, curl, Laplacian) and transformation matrices. The book is intended to guide the reader from mathematics, to physical descriptions, and ultimately to engineering applications, in order to demonstrate the effectiveness of applied mathematics when properly adapted to the real world. Though the book primarily addresses the needs of engineering researchers, it will also benefit graduate students.

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