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Record Nr.	UNISA996466514203316
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Titolo	Mathematical Models in the Manufacturing of Glass [[electronic resource]] : C.I.M.E. Summer School, Montecatini Terme, Italy 2008 / / by Angiolo Farina, Axel Klar, Robert M.M. Mattheij, Andro Mikeli´c, Norbert Siedow ; edited by Antonio Fasano
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011
ISBN	3-642-15967-2
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (XI, 227 p.)
Collana	C.I.M.E. Foundation Subseries ; ; 2010
Disciplina	620.1064
Soggetti	Fluid mechanics Thermodynamics Heat engineering Heat transfer Mass transfer Partial differential equations Engineering Fluid Dynamics Engineering Thermodynamics, Heat and Mass Transfer Partial Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Mathematical modelling of glass forming processes -- Radiative heat transfer and applications for glass production processes -- I. Radiative heat transfer and applications for glass production processes -- II. Nonisothermal flows and fibres drawing.
Sommario/riassunto	This volume presents a review of advanced technological problems in the glass industry and of the mathematics involved. It is amazing that such a seemingly small research area is extremely rich and calls for an impressively large variety of mathematical methods, including numerical simulations of considerable complexity. The problems treated here are very typical of the field of glass manufacturing and cover a large spectrum of complementary subjects: injection molding by various techniques, radiative heat transfer in glass, nonisothermal

flows and fibre spinning. The book can certainly be useful not only to applied mathematicians, but also to physicists and engineers, who can find in it an overview of the most advanced models and methods. .