

1. Record Nr.	UNINA9910812889603321
Titolo	Biological fluid dynamics : modeling, computations, and applications : AMS Special Session, Biological Fluid Dynamics : Modeling, Computations, and Applications : October 13, 2012, Tulane University, New Orleans, Louisiana // Anita T. Layton, Sarah D. Olson, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2014 ©2014
ISBN	1-4704-2040-6
Descrizione fisica	1 online resource (240 p.)
Collana	Contemporary Mathematics, , 1098-3627 ; ; 628
Classificazione	76M2576Z0574F1035Q9292C3592B0592C0592C1062P10
Disciplina	612/.01522
Soggetti	Hemodynamics Rheology (Biology) Body fluid flow Fluid dynamics
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 at the end of each chapters.
Nota di contenuto	""Cover""; ""Title page""; ""Contents""; ""Preface""; ""Simulating Biofluid-Structure Interactions with an Immersed Boundary Framework a€?A Review""; ""1. Introduction""; ""2. Numerical formulations""; ""3. Recent advances""; ""4. Applications""; ""5. Discussion""; ""6. Summary""; ""References""; ""The Development and Advances of the Immersed Finite Element Method""; ""1. Introduction""; ""2. Kinematics and assumptions""; ""3. The Immersed Finite Element Method""; ""4. Semi-implicit IFEM""; ""5. The Modified IFEM""; ""6. Examples""; ""7. Conclusion""; ""8. Acknowledgement""; ""References"" ""Simulating Mucociliary Transport Using the Method of Regularized Stokeslets""""1. Introduction""; ""2. Methods""; ""3. Results""; ""4. Conclusions""; ""References""; ""A Regularization Method for the Numerical Solution of Doubly-Periodic Stokes Flow""; ""1. Introduction""; ""2. The Stokeslet""; ""3. Greena€?s Function for Doubly-Periodic Stokes Flow""; ""4. Regularization Method""; ""5. Results""; ""6. Conclusions and Future Studies""; ""References""; ""Dynamics of a primary cilium in time-periodic flows""; ""1. Introduction""; ""2.

Formulation"; ""3. Results""

""4. Discussion and Conclusion""""Acknowledgments""; ""References"";

""Motion of Filaments with Planar and Helical Bending Waves in a

Viscous Fluid""; ""1. Introduction""; ""2. Methods""; ""3. Results""; ""4.

Discussion""; ""5. Conclusion""; ""References""; ""Numerical Study of

Scaling Effects in Peristalsis and Dynamic Suction Pumping""; ""1.

Introduction""; ""2. Methods""; ""3. Results""; ""4. Conclusion""; ""5.

Acknowledgements""; ""References""; ""Multi-Bond Models for Platelet

Adhesion and Cohesion""; ""1. Introduction""; ""2. Immersed Boundary

Method""

""3. Force required to immobilize platelet""""4. Early platelet-vessel wall

adhesion with GPIb-vWF bonds""; ""5. Platelet activation and α IIb β 3

receptors""; ""6. Discussion""; ""7. Acknowledgements""; ""References"";

""Effects of Grouping Behavior, Pulse Timing, and Organism Size on

Fluid Flow Around the Upside-Down Jellyfish *Cassiopea xamachana*"";

""1. Introduction""; ""2. Materials and Methods""; ""3. Results""; ""4.

Discussion/Conclusions""; ""References""; ""Impacts of Facilitated Urea

Transporters on the Urine-Concentrating Mechanism in the Rat

Kidney""; ""1. Introduction""

""2. Model Formulation""""3. Model Results""; ""4. Discussion"";

""References""; ""Feedback-Mediated Dynamics in a Model of Coupled

Nephrons with Compliant Short Loop of Henle""; ""1. Introduction""; ""2.

Mathematical Model""; ""3. Characteristic Equation""; ""4. Results""; ""5.

Discussion""; ""References""; ""Back Cover""

2. Record Nr.	UNINA9910552782603321
Autore	Riede David G
Titolo	Allegories of One's Own Mind : Melancholy in Victorian Poetry / / David G. Riede
Pubbl/distr/stampa	Columbus : , : Ohio State University Press, , 2005 ©2005
ISBN	0-8142-7273-8
Descrizione fisica	1 online resource (ix, 226 p.)
Disciplina	821/.809353
Soggetti	Melancholy in literature English poetry - 19th century - History and criticism Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 211-219) and index.
Nota di contenuto	Melancholy and Victorian poetry -- Tennyson's hollow oes and aes -- Elizabeth Barrett and the emotion of the trapped -- "Filthy rags of speech" : Browning's melancholy optimism -- Edward Fitzgerald : melancholy, orientalism, aestheticism.