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Titolo	Closure strategies for turbulent and transitional flows // edited by B.E. Launder and N.D. Sandham [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2002
ISBN	1-107-12984-2 1-280-43015-X 9786610430154 1-139-13024-2 0-511-06726-7 0-511-17971-5 1-139-14683-1 0-511-06095-5 0-511-75538-4 0-511-06939-1
Descrizione fisica	1 online resource (xiii, 754 pages) : digital, PDF file(s)
Disciplina	532/.0527
Soggetti	Turbulence Transition flow
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction B.E. Launder and N.D. Sandham -- Part I. Physical and Numerical Techniques: Linear and non-linear eddy viscosity models T. B. Gatski -- Second-moment turbulence closure modelling K. Hanjalic and Jakirlic Suad -- Closure modelling near the two-component limit T.J. Craft and B. Launder -- The elliptic relaxation method P.A. Durbin and B.A. Patterson -- Numerical aspects of applying second-moment closure to complex flows M. Leschziner and F.-S. Lien -- Modelling heat transfer in near-wall flows Y. Nagano -- Introduction to direct numerical simulation N.D. Sandham -- Introduction to large-eddy simulation of turbulent flows J. Frhølich and W. Rodi -- Two-point closure strategies C. Cambon -- Introduction to pdf approaches in turbulence modelling D. Roekaerts. -- Part II. Flow Types and Processes

and Strategies for Modelling Them: Modelling of separated and impinging flows T.J. Craft -- Large eddy simulation of the flow past bluff bodies W. Rodi -- LES modelling of industrial flows D. Laurence -- Application of TCL modelling to stratified flows T.J. Craft and B.E. Launder -- Higher-moment diffusion in stable stratification B. Ilyushin -- DNS of by-pass transition P.A. Durbin, R. Jacobs and X. Wu -- By-pass transition using conventional closures A.M. Savill -- New strategies in modelling by-pass transition A.M. Savill -- Compressible, high-speed flows S. Barre, J.-P. Bonnet, T.B. Gatski and N.D. Sandham -- Closure strategies for reacting flows W.P. Jones -- Pdf strategies for reacting flows D. Roekaerts -- TRANS approach to convection in unstably stratified layers K. Hanjalic and S. Kenjeres -- Use of higher moments to construct pdfs in stratified flows B. Ilyushin -- DNS of separation bubbles G.N. Coleman and N.D. Sandham -- Is LES ready for complex flows? B.J. Geurts and A. Leonard -- Further developments in two-point closure C. Cambon.

Sommario/riassunto

Turbulence modelling is a critically important area in any industry dealing with fluid flow, having many implications for computational fluid dynamics (CFD) codes. It also retains a huge interest for applied mathematicians since there are many unsolved problems. This book provides a comprehensive account of the state-of-the-art in predicting turbulent and transitional flows by some of the world's leaders in these fields. It can serve as a graduate-level textbook and, equally, as a reference book for research workers in industry or academia. It is structured in three parts: Physical and Numerical Techniques; Flow Types and Processes; and Future Directions. As the only broad account of the subject, it will prove indispensable for all working in CFD, whether academics interested in turbulent flows, industrial researchers in CFD interested in understanding the models embedded in their software (or seeking more powerful models) or graduate students needing an introduction to this vital area.

2. Record Nr.	UNINA9910795051303321
Autore	Ifill Helena
Titolo	Creating character : theories of nature and nurture in Victorian sensation fiction // Helena Ifill
Pubbl/distr/stampa	Manchester, UK : , : Manchester University Press, , 2018 ©2018
ISBN	1-5261-3627-9 1-5261-2658-3
Descrizione fisica	1 online resource (240 pages) : digital file(s)
Collana	Interventions : Rethinking the Nineteenth Century
Disciplina	823.8
Soggetti	English fiction - 19th century - History and criticism Personality in literature Characters and characteristics in literature Literature Literary Studies: C 1800 To C 1900 LITERARY CRITICISM / General Ireland Criticism, interpretation, etc. Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2018.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Part I: Self-control, willpower and monomania -- 1. Basil and No Name -- 2. John Marchmont's Legacy -- Part II: Heredity and degeneration -- 3. The Lady Lisle -- 4. Armadale -- Part III: Education, environment and circumstance -- 5. Man and Wife -- 6. Lost for Love -- Conclusion -- Index
Sommario/riassunto	This book explores the ways in which the two leading sensation authors of the 1860s, Mary Elizabeth Braddon and Wilkie Collins, engaged with nineteenth-century ideas about personality formation and the extent to which it can be influenced either by the subject or by others. Innovative readings of seven sensation novels explore how they employ and challenge Victorian theories of heredity, degeneration, inherent constitution, education, upbringing and social circumstance.

Far from presenting a reductive depiction of 'nature' versus 'nurture', Braddon and Collins show the creation of character to be a complex interplay of internal and external factors. Drawing on material ranging from medical textbooks, to sociological treatises, to popular periodicals, *Creating character* shows how sensation authors situated themselves at the intersections of established and developing, conservative and radical, learned and sensationalist thought about how identity could be made and modified.
