



DESider : a European effort on hybrid RANS-LES modelling : results of the European Union funded project, 2004-2007 /

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Springer,
©2009

Electronic books

Monografía

The present volume contains results gained from the EU-funded 6th Framework project, DESider (Detached Eddy Simulation for Industrial Aerodynamics). 18 European organisations from industry, research and universities, have collaborated on topics centred around the improvement of hybrid RANS-LES methods, the investigation and validation of these methods in respect of a variety of aerodynamic, aeroelastic and aeroacoustic test cases -- including novel URANS methods and the new SAS turbulence modelling strategy. The book presents an introduction to the project, exhibits partners' methods and approaches, and provides comprehensive reports (i.e. definition as well as results) of all applications treated in the project

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Título: DESider a European effort on hybrid RANS-LES modelling : results of the European Union funded project, 2004-2007 Werner Haase, Marianna Braza, Alistair Revell, (editors)

Editorial: Berlin Springer ©2009

Descripción física: 1 online resource (xix, 452 pages) illustrations (some color)

Mención de serie: Notes on numerical fluid mechanics and multidisciplinary design 1612-2909 v. 103

Bibliografía: Includes bibliographical references (pages 437-452)

Contenido: I The DESider Project -- II Presentation of Modelling Approaches -- III DESider Measurements -- IV Applications -- Test Cases -- V Technical, Partner-Related Reports -- Methods, Models and Applications Performed -- VI Summary of Experience with Hybrid RANS-LES Methods and a Look Ahead

Lengua: English

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ISBN: 9783540927730 ebook) 3540927735 ebook) 3540927727 9783540927723 1282364049 9781282364042 9783540927723

Materia: Turbulence- Measurement- Simulation methods Eddies- Measurement- Simulation methods Reynolds stress- Measurement- Simulation methods TECHNOLOGY & ENGINEERING- Material Science Reynolds stress- Measurement- Simulation methods Turbulence- Measurement- Simulation methods Eddies- Measurement- Simulation methods Ingénierie

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Enlace a formato físico adicional: Print version DESider. Berlin : Springer, ©2009 9783540927723 3540927727 (OCoLC)318880073

Punto acceso adicional serie-Título: Notes on numerical fluid mechanics and multidisciplinary design v. 103

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