



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

Haase, W. (Werner) (1945-)
Braza, Marianna
Revell, Alistair
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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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Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es