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the case of the synthetic jet

Chapter 12. Behaviour of turbulence models near a turbulent / non-turbulent interface revisitedChapter 13. Behaviour of nonlinear two-equation turbulence models at the free-stream edges of turbulent flows; Chapter 14. Extending an analytical wall-function for turbulent flows over rough walls; Chapter 15. Bifurcation of second moment closures in rotating stratified flow; Chapter 16. Turbulence Model for wall-bounded flow with arbitrary rotating axes; Chapter 17. Application of a new algebraic structure-based model to rotating turbulent flows Chapter 18. k-e modeling of turbulence in porous media based on a two-scale analysisPart 3: Direct and Large-Eddy Simulations; Chapter 19. Effect of a 2-D rough wall on the anisotropy of a turbulent channel flow; Chapter 20. Direct numerical simulation of rotating turbulent flows through concentric annuli; Chapter 21. Numerical simulation of compressible mixing layers; Chapter 22. LES in a U-bend pipe meshed by polyhedral cells; Chapter 23. Large eddy simulation of impinging jets in a confined flow; Chapter 24. LES study of turbulent boundary layer over a smooth and a rough 2D hill model

Chapter 25. Flow features in a fully developed ribbed duct flow as a result of LESChapter 26. Coherent structures and mass exchange processes in channel flow with spanwise obstructions; Chapter 27. Large Eddy Simulation of natural convection boundary layer on a vertical cylinder; Chapter 28. Development of the subgrid-scale models in large eddy simulation for the finite difference schemes; Chapter 29. Assessment of the digital filter approach for generating large eddy simulation inlet conditions; Part 4: Hybrid LES/RANS Simulations Chapter 30. Hybrid LES-RANS : Computation of the flow around a three-dimensional hill

Sommario/riassunto

Proceedings of the world renowned ERCOFTAC (International Symposium on Engineering Turbulence Modelling and Measurements). The proceedings include papers dealing with the following areas of turbulence:·Eddy-viscosity and second-order RANS models ·Direct and large-eddy simulations and deductions for conventional modelling ·Measurement and visualization techniques, experimental studies ·Turbulence control ·Transition and effects of curvature, rotation and buoyancy on turbulence ·Aero-acoustics ·Heat and mass transfer and chemically reacting flows ·Compr

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Sommario/riassunto	Können wir uns im Netz frei bewegen, oder überwachen Staat, Medien und Wirtschaft jeden Klick? Das Internet vereint die freiheitlichen Werte der westlichen Welt wie kein anderes Medium: Jeder kann sich informieren, Beiträge produzieren und sich mit der Welt vernetzen. Totale Freiheit oder unkontrollierbare Gefahr? Wo stößt die Freiheit des Einzelnen an ihre Grenzen, und wann sind Kontrollen sinnvoll, um die Sicherheit der Anderen zu gewährleisten? 13 netzpolitische Akteure aus Politik, Wirtschaft und Medien legen ihre Sicht auf die Frage dar: Ist Regulierung im Internet nötig, oder zerstört sie dessen Chancen und Möglichkeiten?