1. Record Nr. UNINA9910876973103321

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Titolo	Computational approaches for aerospace design : the pursuit of excellence / / Andy J. Keane, Prasanth B. Nair
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, N.J., : Wiley, c2005
ISBN	1-280-27643-6 9786610276431 0-470-29998-3 0-470-85548-7 0-470-85547-9
Descrizione fisica	1 online resource (606 p.)
Altri autori (Persone)	NairP. B
Disciplina	29.1/0285
Soggetti	Aerospace engineering - Data processing Aerospace engineering - Mathematics
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 (p. [549]-573) and index.
Nota di contenuto	Computational Approaches for Aerospace Design; Contents; Foreword; Preface; Acknowledgments; I Preliminaries; 1 Introduction; 1.1 Objectives; 1.2 RoadMap -What is Covered andWhat is Not; 1.3 An Historical Perspective on Aerospace Design; 1.3.1 A Pair of Early Pioneers; 1.3.2 A Pair of Great Designers; 1.3.3 A Pair of Great Researchers; 1.3.4 Two Great Aerospace Companies; 1.3.5 Rationalization and Cooperation; 1.3.6 The Dawn of the Computational Era; 1.4 Traditional Manual Approaches to Design and Design Iteration, Design Teams; 1.4.1 Design as a Decision-making Process; 1.4.2 Concept Design. 1.4.3 Preliminary Design1.4.4 Detailed Design; 1.4.5 In-service Design and Decommissioning; 1.4.6 Human Aspects of Design Teams; 1.5 Advances in Modeling Techniques: Computational Engineering; 1.5.1 Partial Differential Equations (PDEs); 1.5.2 Hardware versus Software; 1.5.3 Computational Solid Mechanics (CSM); 1.5.4 Computational Fluid Dynamics (CFD); 1.5.5 Multilevel Approaches or 'Zoom' Analysis; 1.5.6 Complexity; 1.6 Trade-offs in Aerospace System Design; 1.6.1 Balanced Designs; 1.6.2 Structural Strength versusWeight; 1.6.3

Aerodynamics versus Structural Strength

1.6.4 Structures versus Control1.6.5 Robustness versus Nominal Performance; 1.7 Design Automation, Evolution and Innovation; 1.7.1 Innovation; 1.7.2 Evolution; 1.7.3 Automation; 1.8 Design Search and Optimization (DSO); 1.8.1 Beginnings; 1.8.2 A Taxonomy of Optimization; 1.8.3 A Brief History of Optimization Methods; 1.8.4 The Place of Optimization in Design - Commercial Tools; 1.9 The Take-up of Computational Methods; 1.9.1 Technology Transfer; 1.9.2 Academic Design Research; 1.9.3 Socio-technical Issues; 2 Design-oriented Analysis; 2.1 GeometryModeling and Design Parameterization 2.1.1 The Role of Parameterization in Design2.1.2 Discrete and Domain Element Parameterizations; 2.1.3 NACA Airfoils; 2.1.4 Spline-based Approaches; 2.1.5 Partial Differential Equation and Other Analytical Approaches; 2.1.6 Basis Function Representation; 2.1.7 Morphing; 2.1.8 Shape Grammars; 2.1.9 Mesh-based Evolutionary Encodings; 2.1.10 CAD Tools versus Dedicated Parameterization Methods; 2.2 ComputationalMesh Generation; 2.2.1 The Function ofMeshes; 2.2.2 Mesh Types and Cell/Element/Volume Geometries; 2.2.3 Mesh Generation, Quality and Adaptation; 2.2.4 Meshless Approaches 2.3 Analysis and Design of Coupled Systems2.3.1 Interactions between Geometry De.nition, Meshing and Solvers - Parallel Computations; 2.3.2 Simple Relaxation and Newton Techniques; 2.3.3 Systems Integration, Work.ow Management, Data Transfer and Compression; 3 Elements of Numerical Optimization; 3.1 Single Variable Optimizers - Line Search; 3.1.1 Unconstrained Optimization with a Single Real Variable; 3.1.2 Optimization with a Single Discrete Variable; 3.1.3 Optimization with a Single Nonnumeric Variable; 3.2 Multivariable Optimizers; 3.2.1 Population versus Single-point Methods 3.2.2 Gradient-based Methods

Sommario/riassunto

Over the last fifty years, the ability to carry out analysis as a precursor to decision making in engineering design has increased dramatically. In particular, the advent of modern computing systems and the development of advanced numerical methods have made computational modelling a vital tool for producing optimized designs. This text explores how computer-aided analysis has revolutionized aerospace engineering, providing a comprehensive coverage of the latest technologies underpinning advanced computational design. Worked case studies and over 500 references to the primary research litera