



Computer Aided Optimal Design: Structural and Mechanical Systems

By Carlos A. Mota Soares

Springer Jan 2012, 2012. Taschenbuch. Book Condition: Neu. 244x170x mm. This item is printed on demand - Print on Demand Neuware - This book contains the edited version of lectures and selected papers presented at the NATO ADVANCED STUDY INSTITUTE ON COMPUTER AIDED OPTIMAL DESIGN: Structural and Mechanical Systems, held in Tr6ia, Portugal, 29th June to 11th July 1986, and organized by CEMUL -Center of Mechanics and Materials of the Technical University of Lisbon. The Institute was attended by 120 participants from 21 countries, including leading scientists and engineers from universities, research institutions and industry, and Ph.D. students. Some participants presented invited and contributed papers during the Institute and almost all participated actively in discussions on scientific aspects during the Institute. The Advanced Study Institute provided a forum for interaction among eminent scientists and engineers from different schools of thought and young reseachers. The Institute addressed the foundations and current state of the art of essential techniques related to computer aided optimal design of structural and mechanical systems, namely: Vari ational and Finite Element Methods in Optimal Design, Numerical Optimization Techniques, Design Sensitivity Analysis, Shape Optimal Design, Adaptive Finite Element Methods in Shape Optimization, CAD Technology, Software Development Techniques, Integrated...



READ ONLINE
[3.65 MB]

Reviews

It in just one of the most popular ebook. It normally will not cost too much. I am very easily could get a pleasure of looking at a composed publication.
-- **Rosetta Thompson**

It in just one of the most popular ebook. It is writter in simple words and not confusing. I am just happy to tell you that this is actually the finest ebook i have got read inside my very own existence and may be he greatest ebook for at any time.
-- **Vicky Adams**