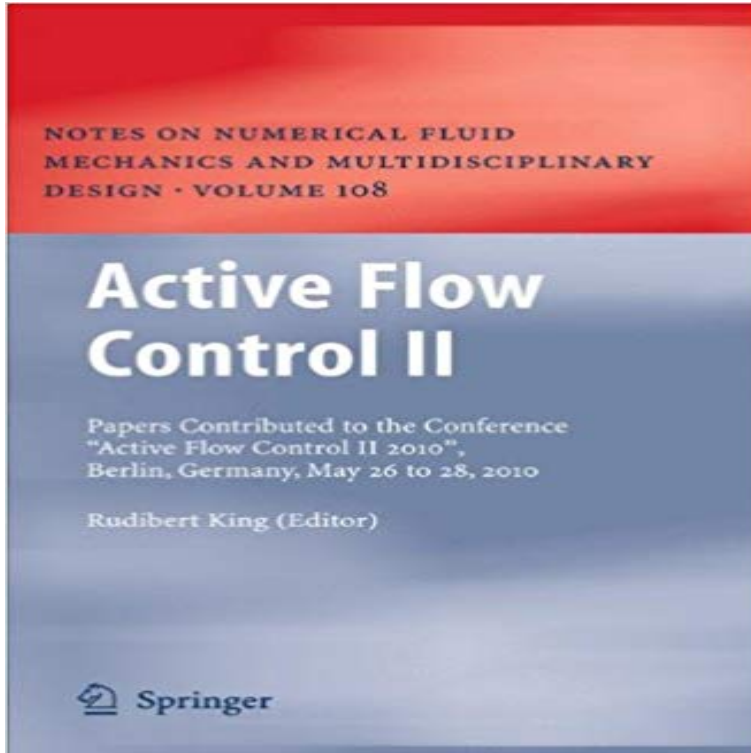


Active Flow Control II: Papers Contributed to the Conference Active Flow Control II 2010, Berlin, Germany, May 26 to 28, 2010 (Notes on Numerical Fluid Mechanics and Multidisciplinary Design)



The interest in the field of active flow control (AFC) is steadily increasing. In recent years the number of conferences and special sessions devoted to AFC organized by various institutions around the world continuously rises. New advanced courses for AFC are offered by the American Institute of Aeronautics and Astronautics (AIAA), the European Research Community on Flow, Turbulence and Combustion (ERCOTAC), the International Centre for Mechanical Sciences (CISM), the von Karman Institute for Fluid Dynamics (VKI), to name just a few. New books on AFC are published by prominent colleagues of our field and even a new periodical, the International Journal of Flow Control, appeared. Despite these many activities in AFC it was felt that a follow-up of the highly successful ACTIVE FLOW CONTROL Conference held in Berlin in 2006 was appropriate. As in 2006, ACTIVE FLOW CONTROL II consisted only of invited lectures. To stimulate multidisciplinary discussions between experimental, theoretical and numerical fluid dynamics, aerodynamics, turbomachinery, mathematics, control engineering, metrology and computer science parallel sessions were excluded. Unfortunately, not all of the presented papers made it into this volume. As the preparation and printing of a book takes time and as this volume should be available at the conference, the Local Organizing Committee had to set up a very ambitious time schedule which could not be met by all contributors.

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