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Sommario/riassunto

This book reports on innovative research in solid and fluid mechanics, and thermal engineering, giving a special emphasis on methods, modeling, and simulation tools for analyzing material behavior and energy systems. It gathers the best papers presented at 15th International Moroccan Congress of Mechanics "Congrès de Mécanique", CMM 2022, held on May 24-27, 2022, in Casablanca, Morocco, and organized by the Moroccan Society of Mechanics (SMSM) and the Faculty of Science Ain Chock of the University of Hassan II, Casablanca, Morocco. With a good balance of theory and practice, the book offers a timely snapshot of current advances in mechanics, and a source of inspiration for future research and international collaborations.

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