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	Nota di contenuto	F. Labdiad, M. Nasri, H. Khalfi, and I. Hafidi, VRP with Flexible Time Windows using the ALNS Metaheuristic Algorithm -- N. Mehdi, M. Abdelmoutalib, H. Imad, VRPTW: From mathematical models to computing science tools -- An anisotropic PDE for multi-frame super-resolution image reconstruction -- A. Nachaoui, F. Aboud, and M. Nachaoui, Acceleration of the KMF algorithm convergence to solve the Cauchy problem for Poisson's Equation -- S. LYAQINI and M. NACHAOUI, Identification of genuine from fake banknotes using an enhanced machine learning approach -- L. AFRAITES, Identification of Robin coefficient in elliptic problem by a coupled complex boundary method -- M. NACHAOUI, A. LAGHRIB, and M. Hakim, A new space-

variant optimization approach for image segmentation -- Y. Mezzan1 and M. H. Tber, A Lagrangian mixed finite elements method for advection-diffusion equations -- J.-A. Desideri, Adaptation by Nash Games in gradient-based multi-objective/multi-disciplinary optimization -- A. Ghazdali, A. Metrane, A. Ourdou, Blind Noisy Mixture Separation for Dependent Source -- Blind Separation of Dependent Sources Using Copula.

Sommario/riassunto	This book presents some sufficient mathematical content with expressive result. The aim of JANO13 is to bring together scientists to discuss their research in all the aspects of mathematics and their applications to different scientific discipline. The main topics of the conference is partial differential equations, mathematical control, numerical analysis and computer science. The conference is interested in recent developments on numerical analysis and real applications in computer science. The latter is viewed as a dynamic branch on the interface of mathematics and informatics that has been growing rapidly over the past several decades. However, its mathematical modelling and interpretation are still not well-explained and need much more clarifications. The main contributions of this book are to give some sufficient mathematical content with expressive results. As a growing field, it is gaining a lot of attention both in media and in the industry world, which will attract the interest of readers from different scientist disciplines.