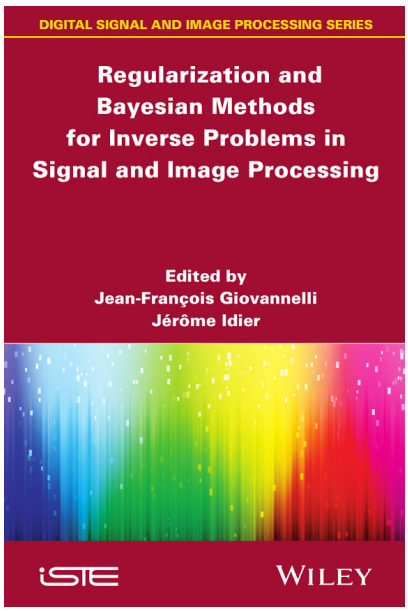

Regularization And Bayesian Methods For Inverse Problems In Signal And Image Processing

Author : Jean-Fran ois Giovannelli J r me Idier / **Category :**Technology & Engineering / **Total Pages** : 323 pages

Summary : Free regularization and bayesian methods for inverse problems in signal and image processing pdf download - the focus of this book is on ill-posed inverse problems these problems cannot be solved only on the basis of observed data the building of solutions involves the recognition of other pieces of a priori information these solutions are then specific to the pieces of information taken into account clarifying and taking these pieces of information into account is necessary for grasping the domain of validity and the field of application for the solutions built for too long the interest in these problems has remained very limited in the signal-image community however the community has since recognized that these matters are more interesting and they have become the subject of much greater enthusiasm from the application field s point of view a significant part of the book is devoted to conventional subjects in the field of inversion biological and medical imaging astronomy non-destructive evaluation processing of video sequences target tracking sensor networks and digital communications the variety of chapters is also clear when we examine the acquisition modalities at stake conventional modalities such as tomography and nmr visible or infrared optical imaging or more recent modalities such as atomic force imaging and polarized light imaging

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