

PUBLICATIONS

J. ZERUBIA

Theses and HdR

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Books and monographs

- [1] G. Moser and J. Zerubia: Mathematical Models for Remote Sensing Image Processing: Models and Methods for the Analysis of 2D Satellite and Aerial Images. Signals and Communications Technology, Springer, 2018.
- [2] Z. Kato and J. Zerubia: Markov random fields in image segmentation. Foundation and Trends in Signal Processing Series, Now Pub., World Scientific, September 2012.
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Book chapters

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- [9] M. Ortner, X. Descombes and J. Zerubia: "A Reversible Jump MCMC Sampler for Object Detection in Image Processing", in *Monte Carlo Methods and Quasi-Monte Carlo Methods*. Springer Verlag, 2005.
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- [12] C. Graffigne and J. Zerubia: "Segmentation région : approches statistiques", in *Analyse d'images : Filtrage et segmentation*. Masson, 1995.
- [13] J. Zerubia and C. Graffigne: "Segmentation contour : approches statistiques", in *Analyse d'images : Filtrage et segmentation*. Masson, 1995.

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International journal publications

[1] M. Pastorino, A. Montaldo, L. Fronda, I. Hedhli, G. Moser, S. Serpico and J. Zerubia: Multisensor and Multiresolution Remote Sensing Image Classification through a Causal Hierarchical Markov Framework and Decision Tree Ensembles. *Remote Sensing, MDPI*, 13(5):849, pp.1-25, 2021

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- [1] C. Aguilar, M. Ortner and J. Zerubia: Small moving target MOT tracking with GM-PHD filter and attention-based CNN. IEEE international workshop on machine learning for signal processing (MLSP), Gold Coast / Virtual, Australia, October 2021.

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