



A GEOMETRICAL A PRIORI FOR CAPTURING THE REGULARITY OF IMAGES (WedAmOR11)

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★ Abstract :

We first briefly recall how to model occlusion and scaling in natural images through the use of a stochastic model, the scaling dead leaves model. Then we give a statistical estimator for its scaling parameters, which are related to the regularity of images. Last we show how this model can be used as an a priori for image denoising, in the framework of wavelet coefficients thresholding.