

Title: Non-stationary blind image de-deconvolution

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Abstract: Blind image de-convolution problem is about how to remove the blurring from images without knowing the blurring process. Blind image de-blurring is a challenging ill-posed inverse problem, which has drawn a lot of attentions in recent years. Most existing approaches consider a spatially invariant convolution model. However, Often the practical motion blurring is a spatially varying blurring process over the image. In this talk, I will start with the introduction of several important results on various aspects of blind image de-convolution. Then, I will introduce a two-stage approach for spatially-varying blind image de-blurring.