Abstract

Defocus estimation is an important part in high quality image processing field, which mainly includes edge detection, image deblurring, and measuring image quality. Wrong lens setting or shallow depth of field which would produce defocus blur. Defocus blur is most of the times present in natural images. In this paper we have discussed some of the methods like local contrast prior, defocus magnification and spectrum contrast for estimating the defocus blur map.
- Eric Kee, Sylvain Paris, Simon Chen, Jue Wang,&quot; Modeling and removing spatially varying optical blur&quot;;
- Yu-Wing Tai, Michael S. Brown &quot;single image defocus map estimation using local contrast prior &quot;in Proc. IEEE ICIP, 2009, pp. 1797-1800

**Index Terms**

Computer Science  
Image Processing

**Keywords**

Defocus  deblurring  depth of ?eld  defocus magnification.