A Review on Estimation of Defocus Blur from a Single Image

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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.

References

- A. Levin, Y. Weiss, F. Durand, and W. T. Freeman, "Understanding and
A Review on Estimation of Defocus Blur from a Single Image


Index Terms

Computer Science

Image Processing

Keywords
Defocus deblurring depth of field defocus magnification.