數位影像處理

Term Project Phase 1 report

組別：15

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1. 分工

[High-quality Motion Deblurring from a Single Image] Jiaya Jia Siggraph'08：林君憲

[Removing Camera Shake from a Single Photograph] Rob Fergus Siggraph’06：

[Two-Phase Kernel Estimation for Robust Motion Deblurring] Jiaya Jia ECCV'10 ：

1. 實驗結果

High-quality Motion Deblurring from a Single Image部分：

deblur.exe使用之參數如下

|  |  |
| --- | --- |
| inFileName | nvBlurImage.png |
| outFileName | nvOut.png |
| kernelWidth |  |
| kernelHeight |  |
| noiseStr |  |
| deblurStrength |  |
| gamma |  |
| weight1~weight5 |  |

原始圖片及輸出圖片

|  |  |
| --- | --- |
| 原始圖片 | 輸出圖片 |
| nvBlurImage.png | nvOut.png |
|  | PSNR  SSIM  BRISQUE |