Supplementary material for the paper "MRF-based Blind Image Deconvolution"

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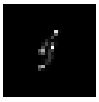
Abstract

The supplementary material contains additional experimental results of our blind deconvolution algorithm. In particular, we present results for the 8 kernels used in the dataset by [Levin et al. *09] (one result shown per kernel).*

Kernel 1

(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method



(c) true kernel

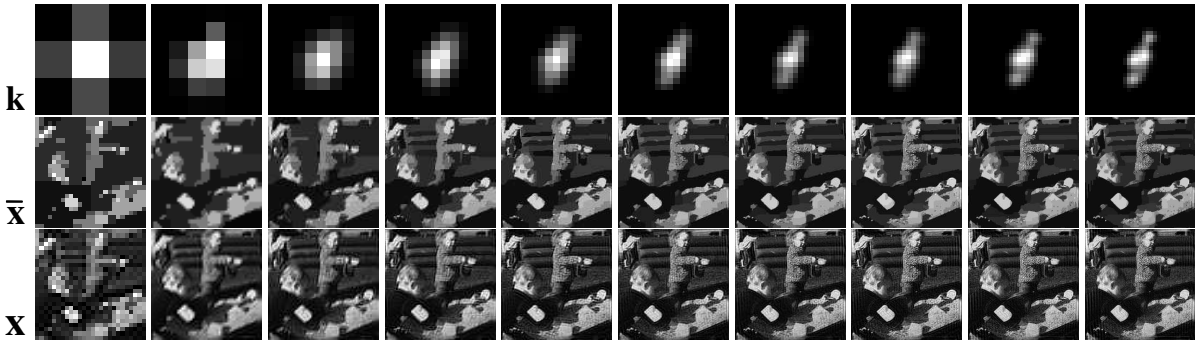
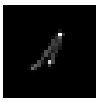


Fig. 1: Result for kernel 1.

Kernel 2

(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method



(c) true kernel

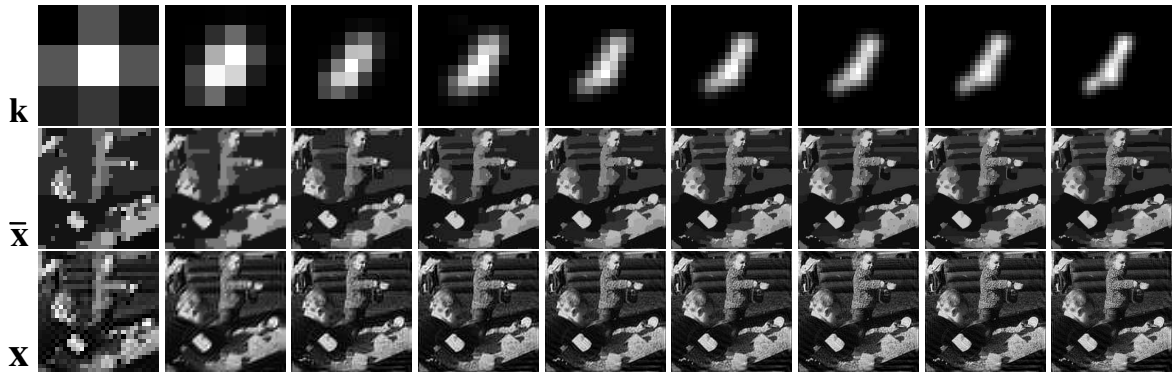


Fig. 2: Result for kernel 2.

Kernel 3

(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

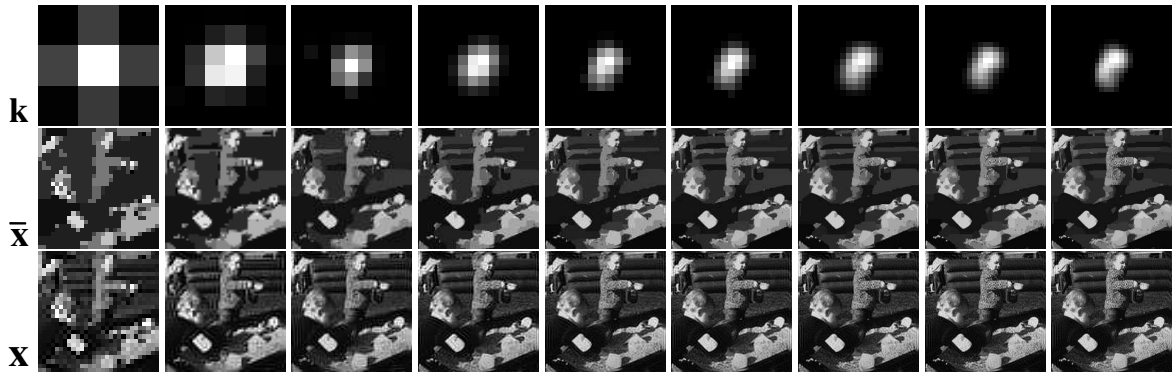
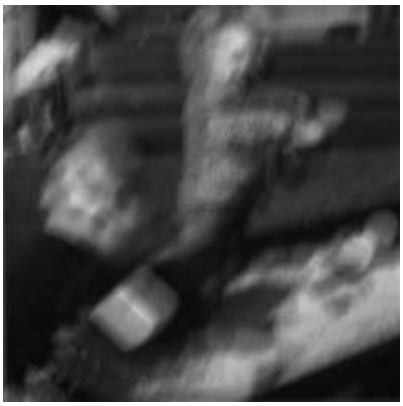


Fig. 3: Result for kernel 3.

Kernel 4



(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

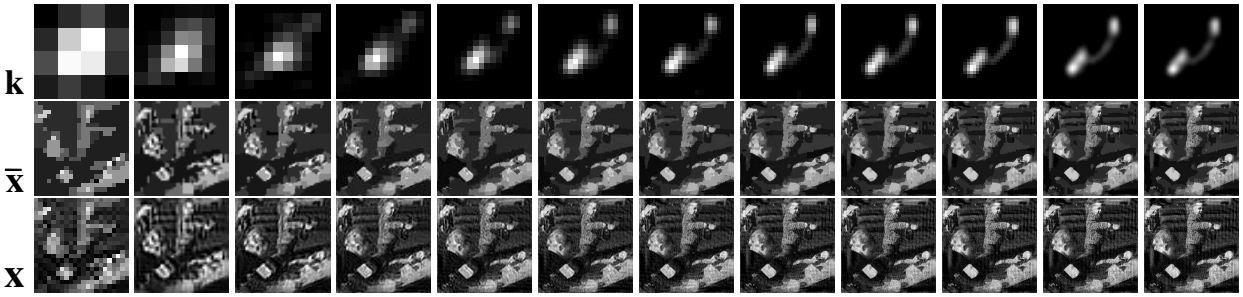
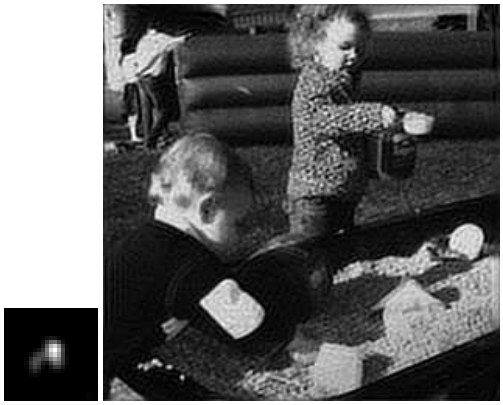


Fig. 4: Result for kernel 4.

Kernel 5

(a) input blurred image



(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

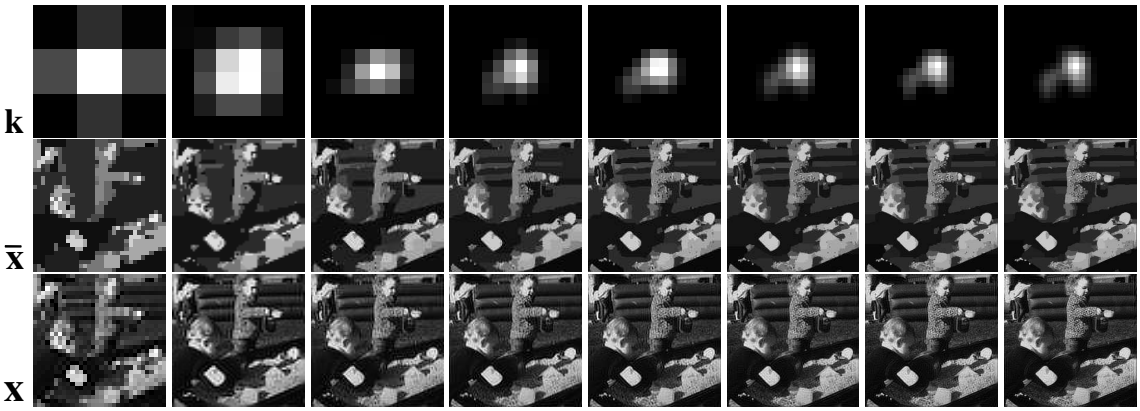


Fig. 5: Result for kernel 5.

Kernel 6

(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

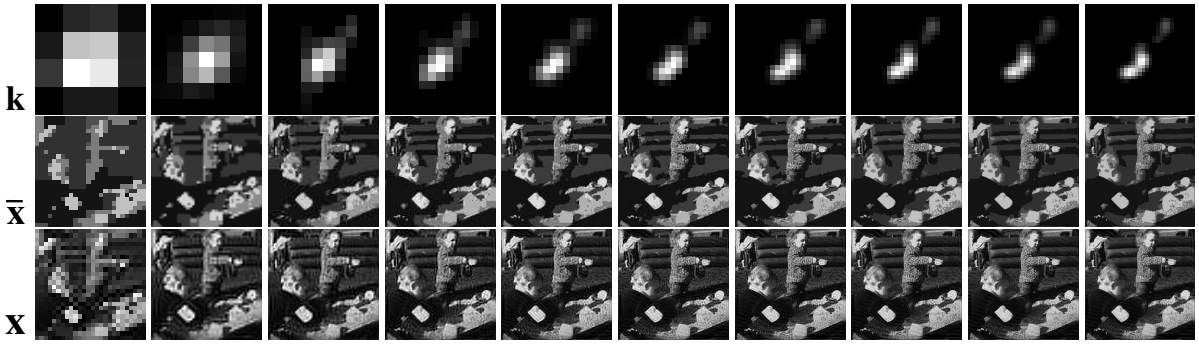


Fig. 6: Result for kernel 6.

Kernel 7

(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

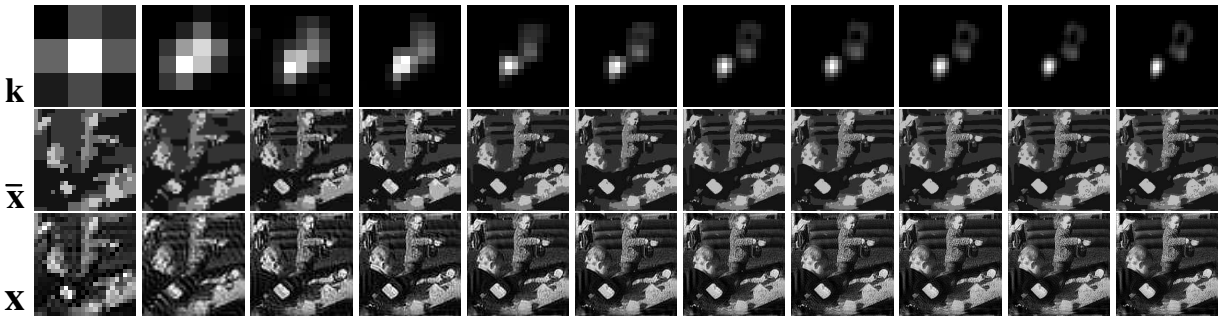
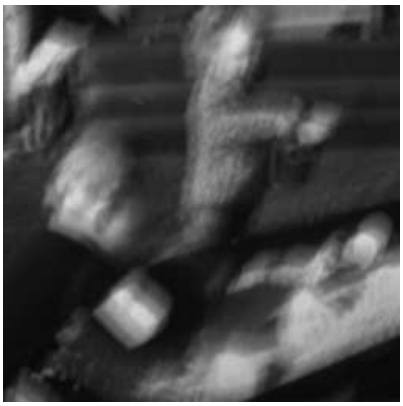


Fig. 7: Result for kernel 7.

Kernel 8



(a) input blurred image

(b) kernel $\mathbf{k}$ and image $\mathbf{x}$ as estimated by our method

(c) true kernel

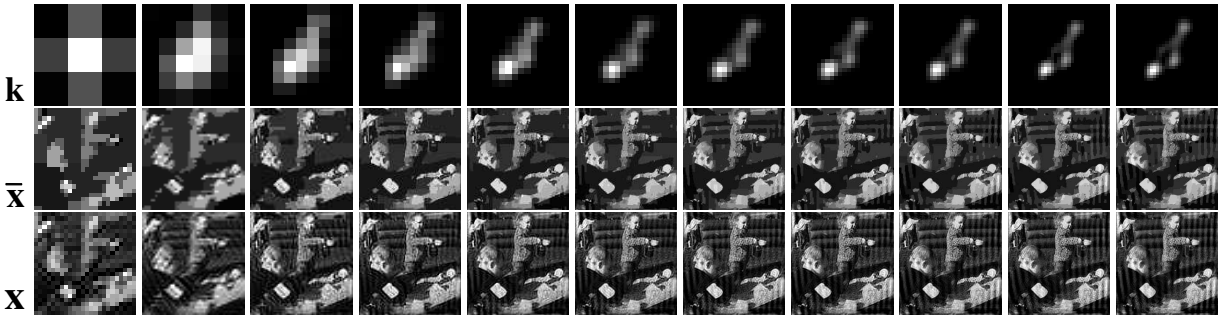


Fig. 8: Result for kernel 8.