

Learning Blind Motion Deblurring

– Supplemental Material –

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Burst Deblurring

Pueblo de Cabo Polonio

our RDN, (plain, iter 0)



$\mathcal{I}_{-1}$

$\hat{\mathcal{I}}^{(0)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 1)



$\mathcal{I}_{-2}$

$\hat{\mathcal{I}}^{(1)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 2)



$\mathcal{I}_3$

$\hat{\mathcal{I}}^{(2)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 3)



$\mathcal{I}_{-4}$

$\hat{\mathcal{I}}^{(3)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 4)



$\mathcal{I}_{-5}$

$\hat{\mathcal{I}}^{(4)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 5)



$\mathcal{I}_{-6}$

$\hat{\mathcal{I}}^{(5)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 6)



$\mathcal{I}_{-7}$

$\hat{\mathcal{I}}^{(6)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 7)



$\mathcal{I}_{-8}$

$\hat{\mathcal{I}}^{(7)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 8)



$\mathcal{I}_{-9}$

$\hat{\mathcal{I}}^{(8)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 9)



$\mathcal{I}_{-10}$

$\hat{\mathcal{I}}^{(9)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

our RDN, (plain, iter 10)



$\mathcal{I}_{-11}$

$\hat{\mathcal{I}}^{(10)}$

$\mathcal{I}^{(gt)}$

Pueblo de Cabo Polonio

Random Shot



Pueblo de Cabo Polonio

[Delbracio et al. 2015]



Pueblo de Cabo Polonio

[Wieschollek et al. 2016]



Pueblo de Cabo Polonio

our RDN, (plain)



Pueblo de Cabo Polonio

Ground Truth



Parking Night Scene

Random Shot



Parking Night Scene

[Delbracio et al. 2015]



Parking Night Scene

[Wieschollek et al. 2016]



Parking Night Scene

our RDN, (plain)



Anthropologie

Random Shot



Anthropologie

[Wieschollek et al. 2016]



Anthropologie

[Delbracio et al. 2015]



Anthropologie

our RDN, (plain)



Woods

Random Shot



Woods

[Šroubek et al. 2012]



Woods

[Zhang et al. 2014]



Woods

[Delbracio et al. 2015]



Woods

[Wieschollek et al. 2016]



Woods

our RDN, (plain)



Video Deblurring

Bicycle

blurry frame



Bicycle

[Kim and Lee 2016]



Bicycle

[Su et al. 2016] (plain)



Bicycle

our RDN, (plain)



Bicycle (further frames)

our RDN, (plain)



Bicycle (further frames)

our RDN, (plain)



Car

blurry frame



Car

[Su et al. 2016] (optical flow)



Car

our RDN, (plain)



Bridge

blurry frame



Bridge

[Kim and Lee 2016]



Bridge

[Su et al. 2016] (optical flow)



Bridge

our RDN, (plain)



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