

Image $f(n, m)$ 

On-grid estimation: Sparse blind
deconvolution
 $(h_g * e_g)(n, m)$



Filter parameter estimation
 $h_g \longrightarrow \Theta$



Off-grid estimation
 $e_g, \Theta \longrightarrow \{a_\ell, x_\ell, y_\ell\}_{\ell=1}^L$