

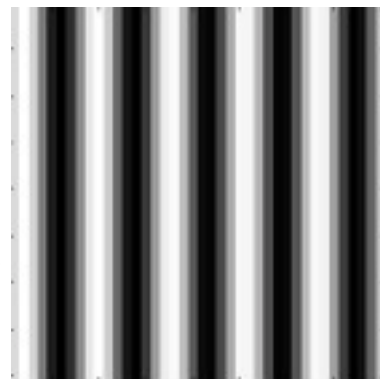
Initialization with
Fourier transform

1) Spatial fringe fit

For $t = 1:Nframes$, fit:

$$\left\{ \begin{array}{l} B(t) \ A(t) \\ \phi(t) \end{array} \right\} \quad \left\{ \begin{array}{l} K_x(t) \ K_y(t) \\ \text{(iter 1 only)} \end{array} \right\}$$

Frame # t



Iteration 1: non linear
least squares

Iteration 2..N: linear least
squares, pixel positions
are projected on the
metrology wavevector

2) Temporal sinewave fit

For $(i,j) = 1:Npix$, fit:

$$\left\{ \begin{array}{l} \iota(i,j) \ \alpha(i,j) \ \phi(i,j) \end{array} \right\}$$

Linear least squares

pixel(i,j)

