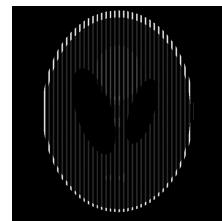


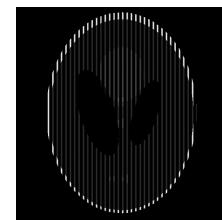
Acquisition scheme :

(1)  $\Delta\phi = 0^\circ$

Image Domain

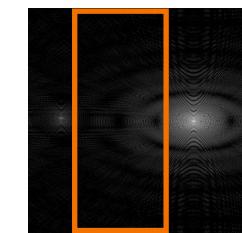
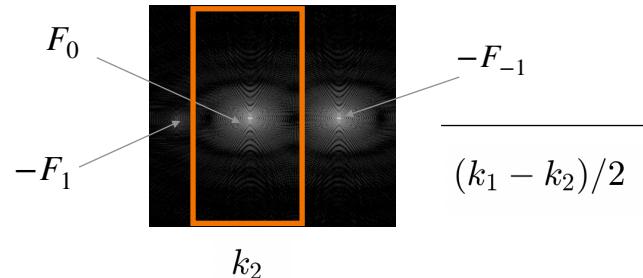
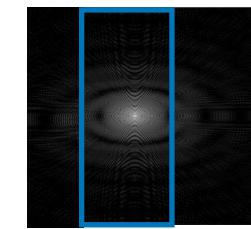
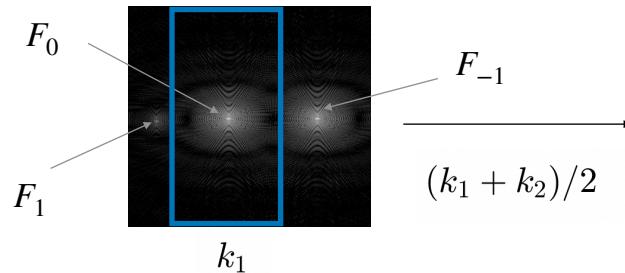


(2)  $\Delta\phi = 180^\circ$



low-resolution images  
with banding artifacts

Fourier Domain



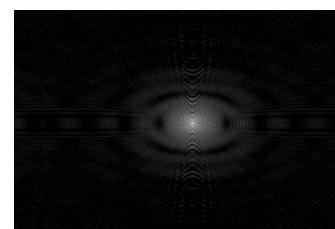
k-space aliasing

qDESS,SR reconstruction :



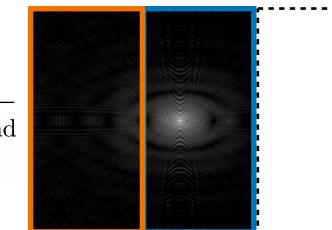
High-resolution echo 1 image

$\mathcal{F}$



Extended k-space

k-space fragments junction



Phase-correction and conjugate synthesis

super-resolution information