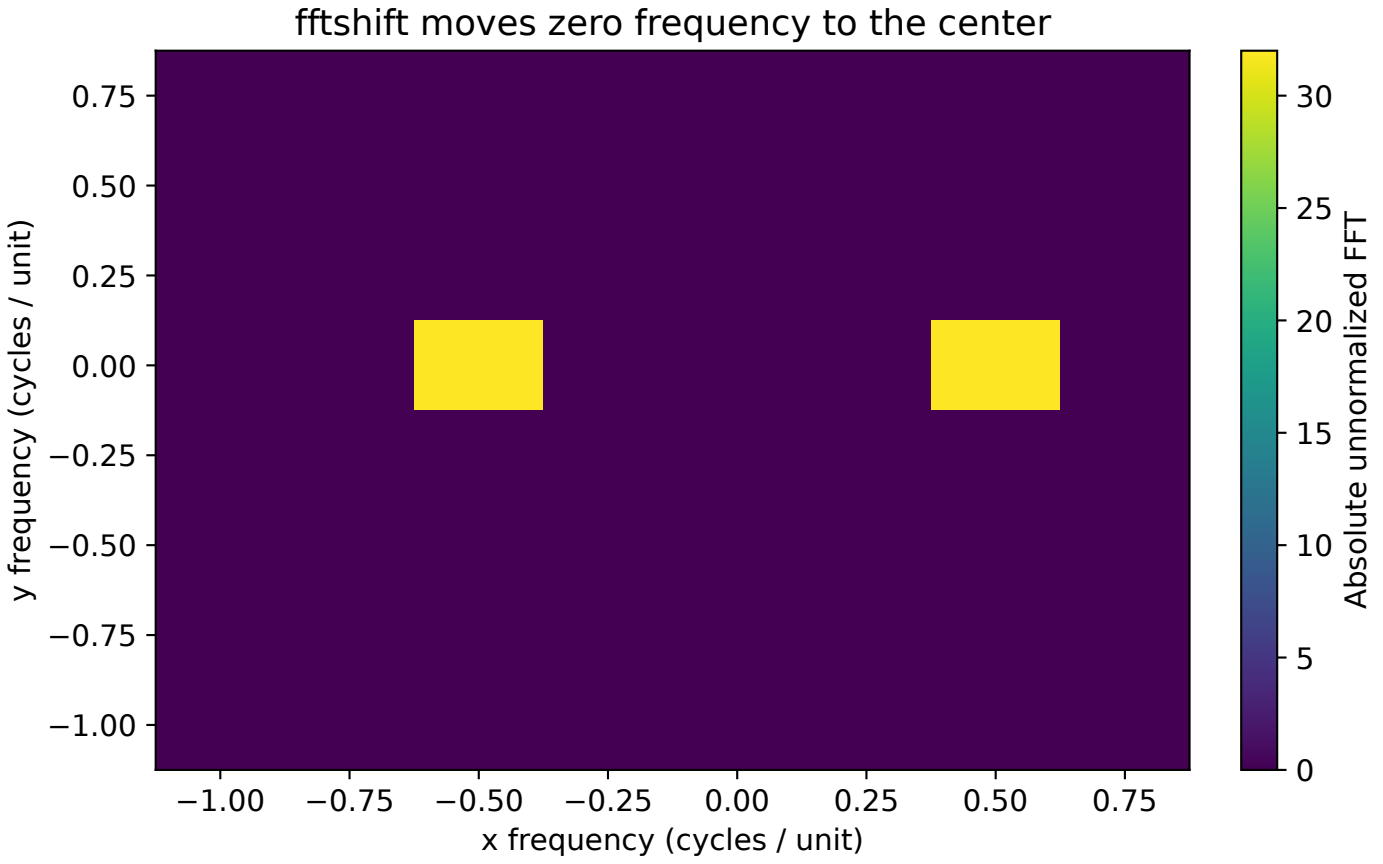
fftshift moves zero frequency to the center
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
y frequency (cycles / unit)
−1.00
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
x frequency (cycles / unit)
30
25
20
15
10
5
0
Absolute unnormalized FFT