

$$\lambda=0.85$$

$$U=3$$

$$U'=0.78$$

$$J=1.11$$

$$J'=1.11$$

0.5  
0

1

0.5

$k_y/\pi$

0

0

$k_x/\pi$

0.5

1

1

0.5

0

-0.5

-1

$q(k)$

