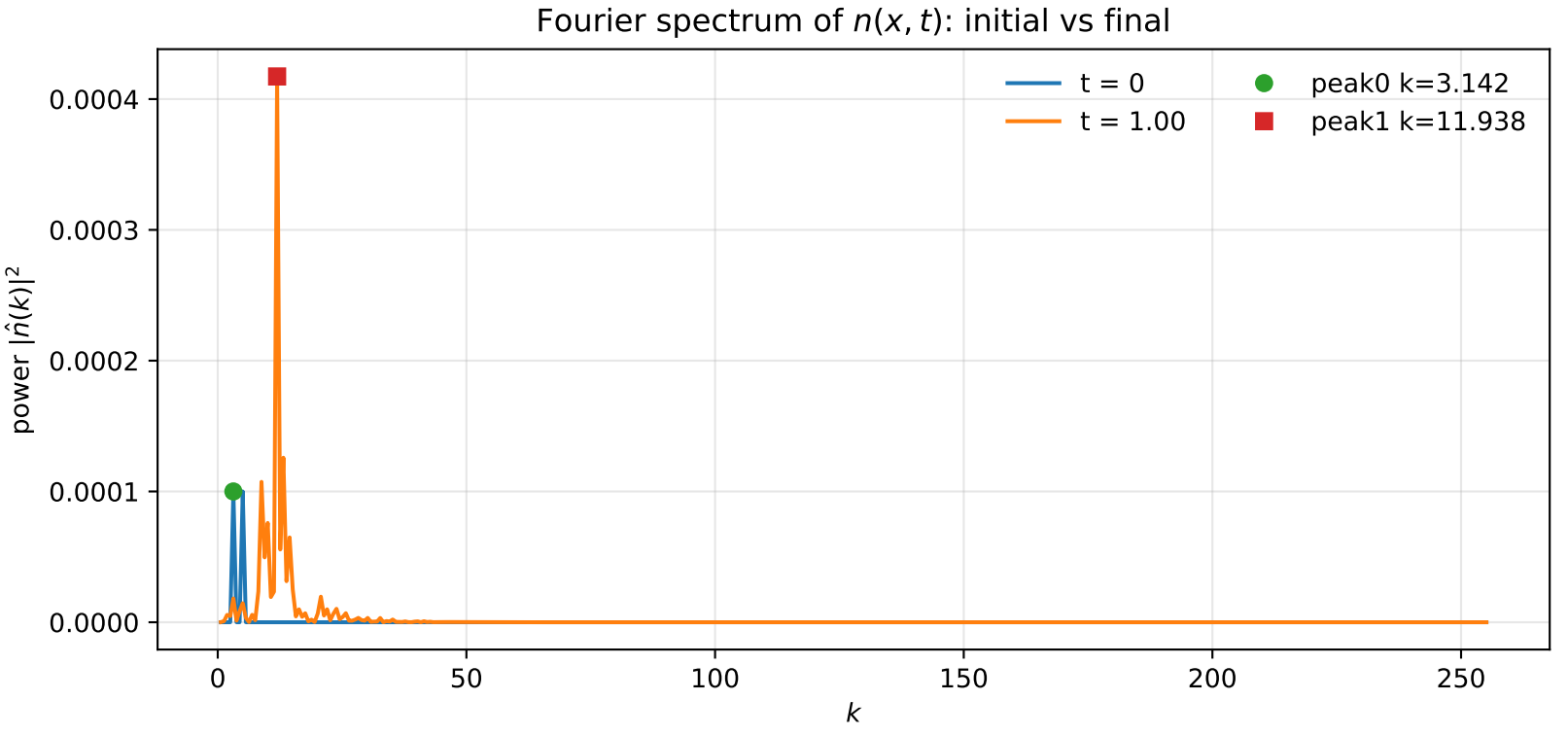
Fourier spectrum of $n(x,t)$: initial vs final
t = 0
t = 1.00
peak0 k=3.142
peak1 k=11.938
power $|\hat{n}(k)|^2$
0.0000
0.0001
0.0002
0.0003
0.0004
0
50
100
150
200
250
k