Momentum distribution, U = 5.5, $\beta = 100$, 3D cubic lattice $t = \frac{1}{\sqrt{12}}$ 1.0 8.0 $n(\vec{k}) = \langle C_k^{\dagger} C_k \rangle_{\beta}$ 5.0
9.0 0.2 computed distrib. @ U non-int. distrib. (Fermi sea)

 k_1 $(k_2 = 0.5\pi, k_3 = 0.5\pi)$

 $+\pi/2$

 $+\pi$

-π/2

0.0

-π