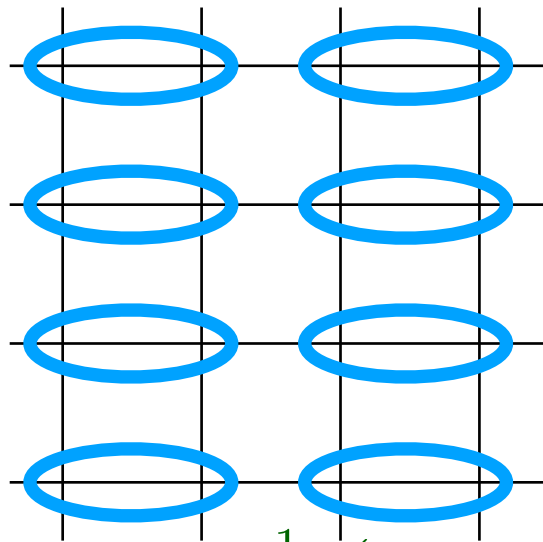


Site density wave,
 $\eta_i \langle B_i^\dagger B_i - \frac{1}{2} \rangle \neq 0$



$$\text{Bond oval} = \frac{1}{\sqrt{2}} \left(B_1^\dagger + B_2^\dagger \right) |0\rangle$$

Bond density wave