

# Correlation function 5

$$\hat{C}_5(r) = \frac{1}{R} \sum_{k=1}^R \left( \frac{1}{L} \sum_{i=1}^L \sigma_i \sigma_{i+r} - \left( \frac{1}{R} \sum_{k=1}^R \frac{1}{L} \sum_{i=1}^L \sigma_i \right)^2 \right)$$

