

Average Spin moment $\langle S_{iz} \rangle$, $\langle S_{iz}^2 \rangle$ and $\langle \Delta S_{iz}^2 \rangle$ as a function of the on-site interaction U for $n = 6$ sites with 3 spin up electron(s), 3 spin down electron(s) and hopping amplitude $t = 1$

