

## Chapter 5.8: Domain walls in the Ising model

$$H_{\text{Ising}} = -J \sum_{j=1}^{N-1} S_j S_{j+1}$$

Analysis of excitations in 1D

Ground state

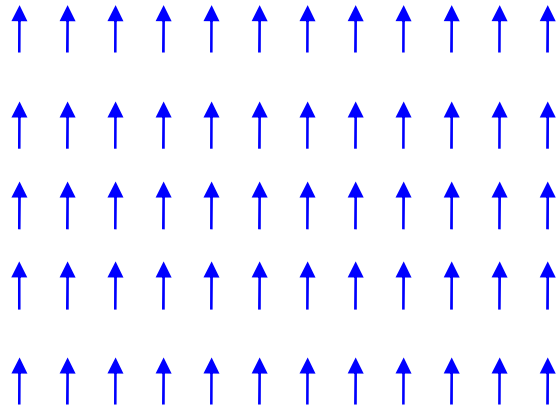


Excited state



## Analysis of excitations in 2D

Ground state



Excited state