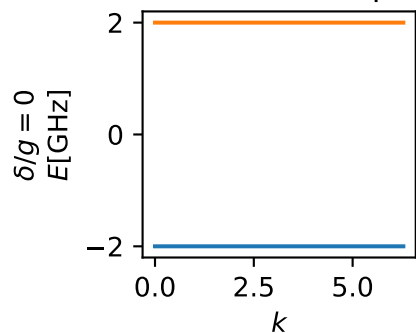
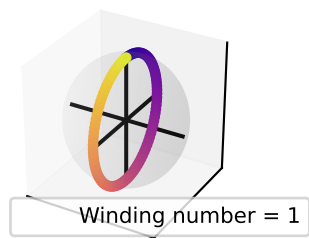
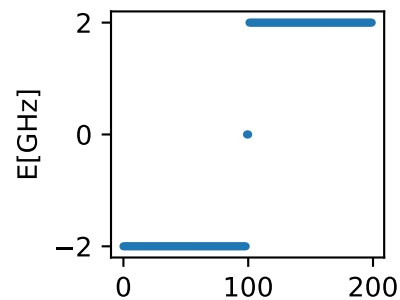


Spectrum
in momentum spaceHamiltonian trajectory
in momentum spaceSpectrum of a
finite chain $N=100$ Eigenstate in the
middle of the spectrum