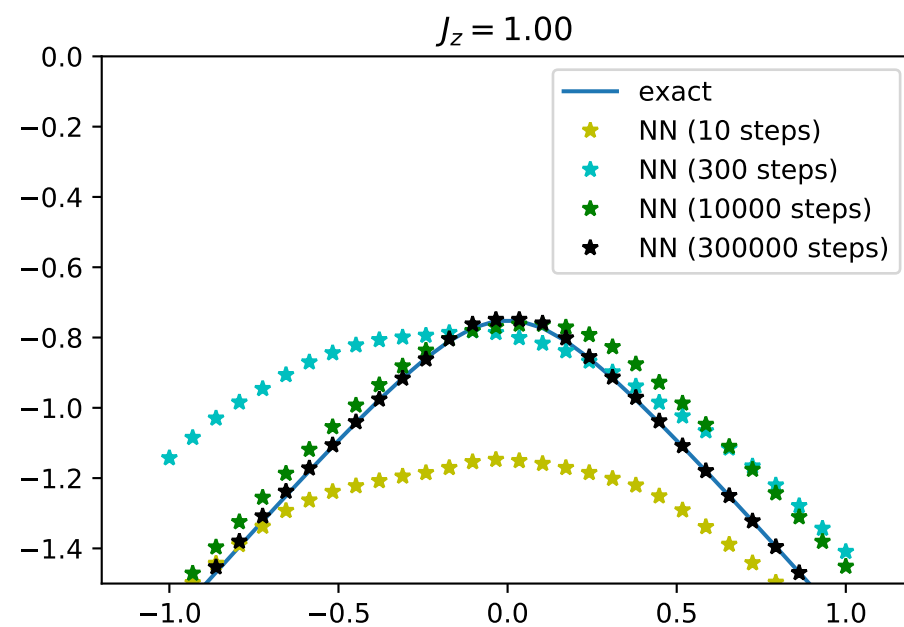
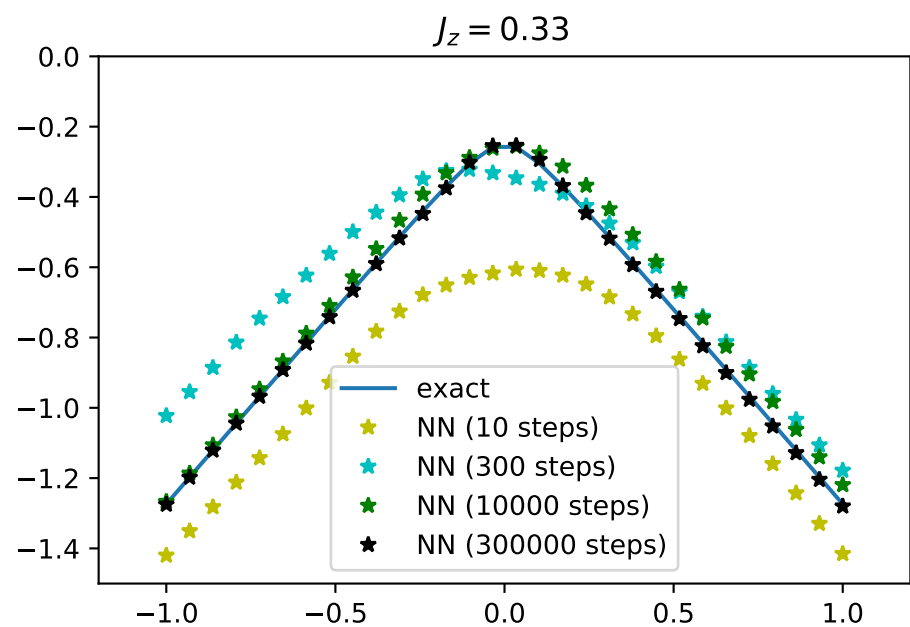
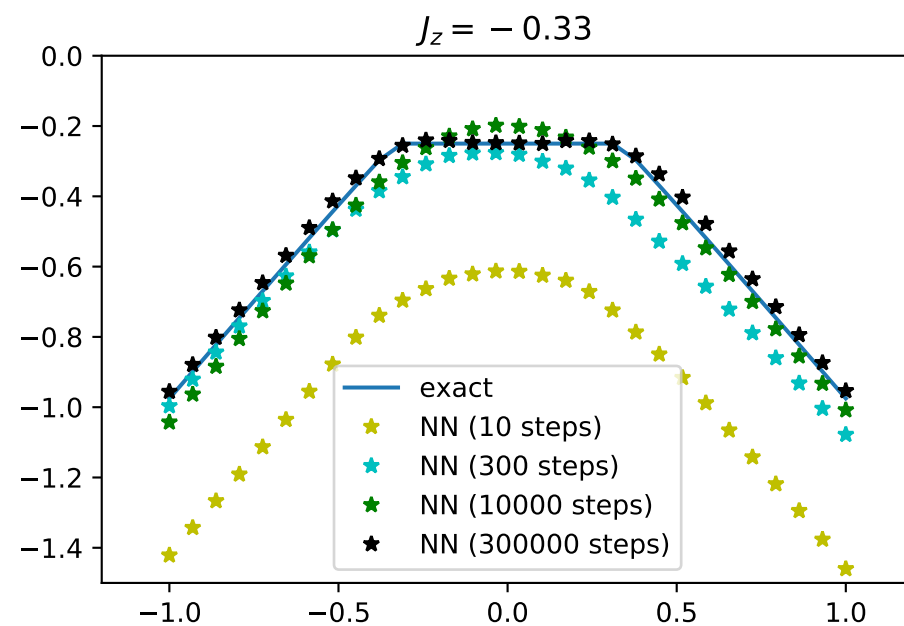
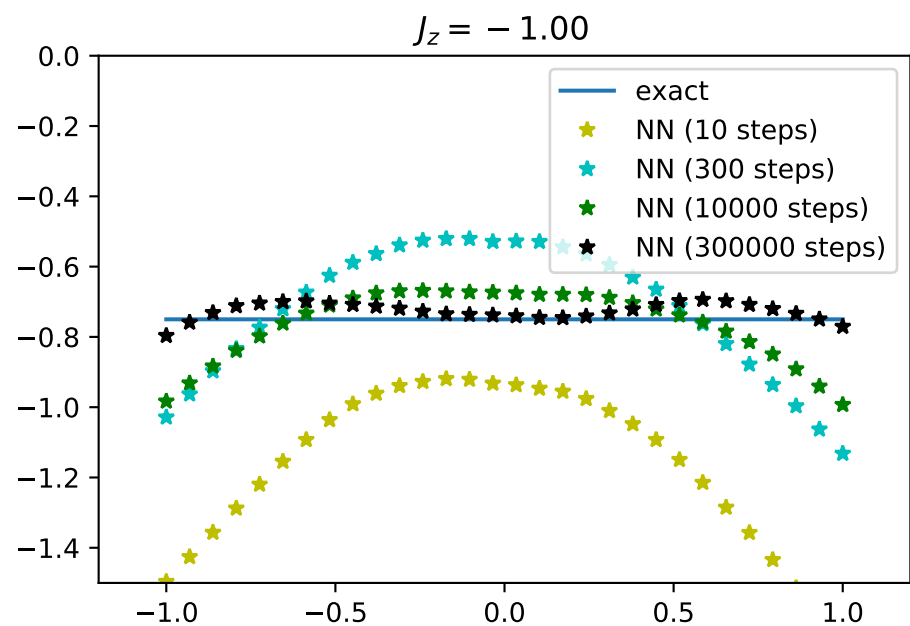


Plot  $E_0$  vs.  $J$  for four values of  $J_z$

Ground state energy ( $E_0$ )



$J$  coupling term