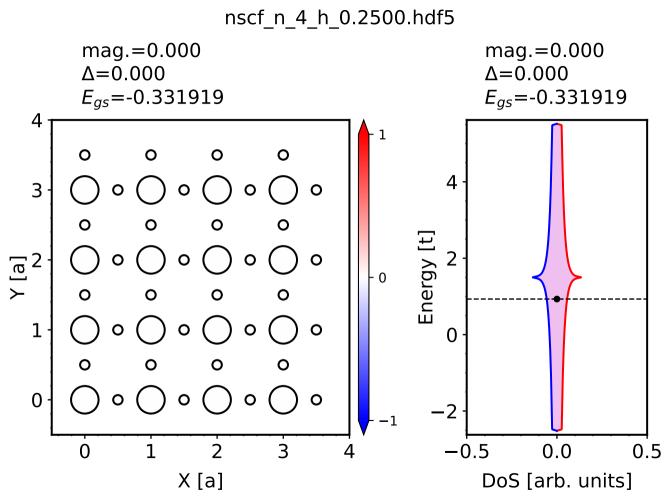


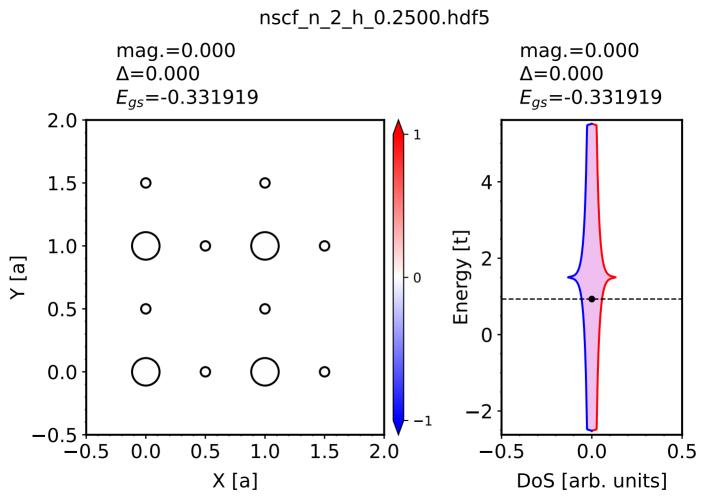
nscf n 10 h 0.2000.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.357$  $\Delta = 0.357$  $E_{qs}$ =-0.325394  $E_{gs}$ =-0.325394 10 6 Energy [t] Y [a] 0 7.5 5.0 10.0 -0.50.5 0.0 X [a] DoS [arb. units]

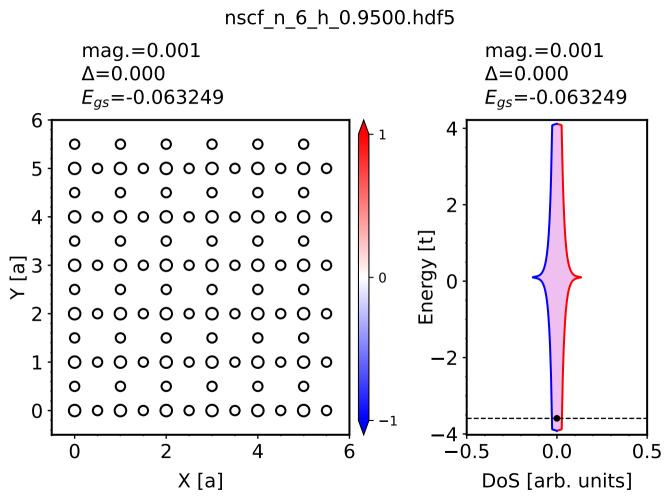
nscf n 10 h 0.5000.hdf5 mag.=0.033mag. = 0.033 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.354274  $E_{gs}$ =-0.354274 10 4 王 2 6 Energy [ Y [a] 5.0 7.5 10.0 -0.50.5 0.0 X [a] DoS [arb. units]



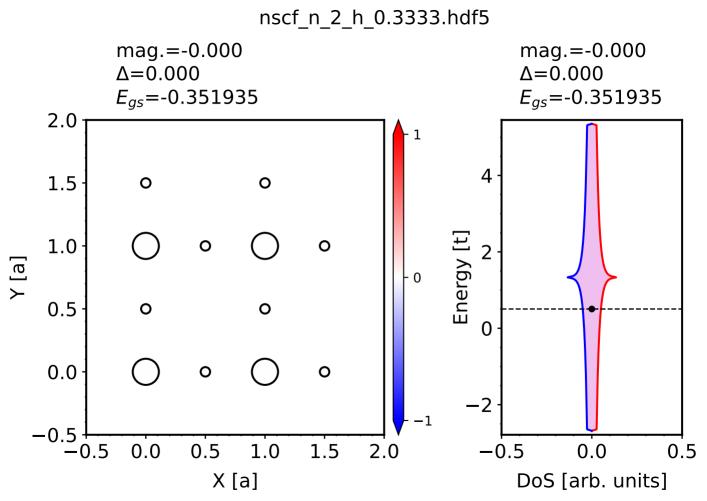
nscf n 8 h 0.3333.hdf5 mag.=0.102mag.=0.102 $\Delta = 0.000$  $\Delta = 0.000$  $E_{gs}$ =-0.351936  $E_{qs}$ =-0.351936 6 Energy [t] [e] 4 ≻ -0.50.5 X [a] DoS [arb. units]

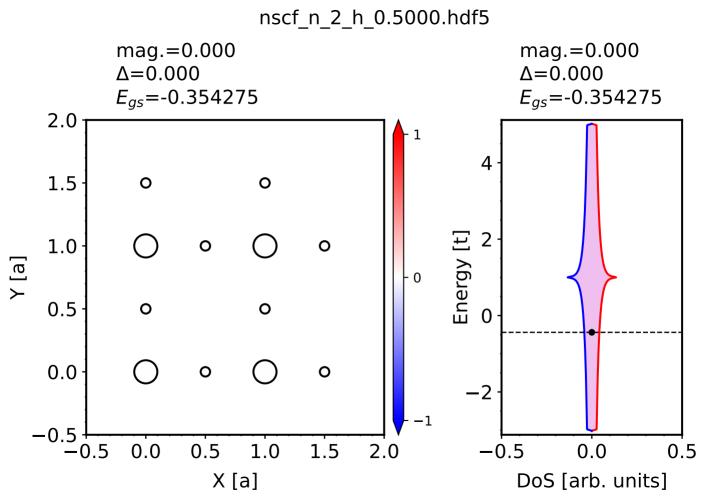
nscf n 6 h 0.2000.hdf5 mag.=1.200mag.=1.200 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.319852  $E_{qs}$ =-0.319852 6 5 4 Energy [t E a ≺ 0 0 -0.50.0 0.5 X [a] DoS [arb. units]

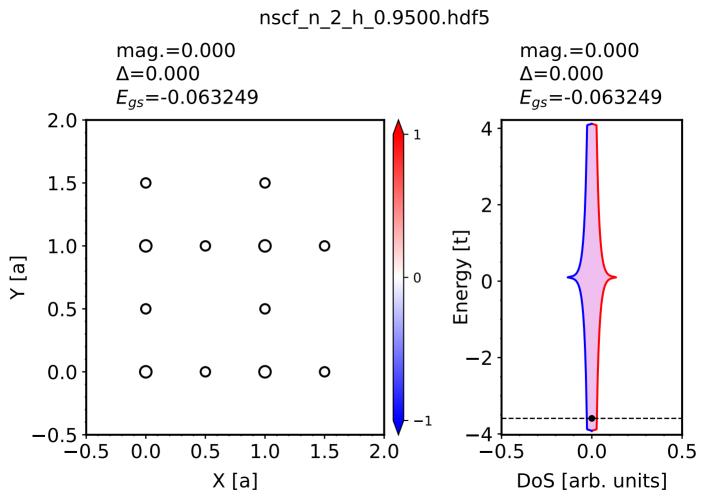


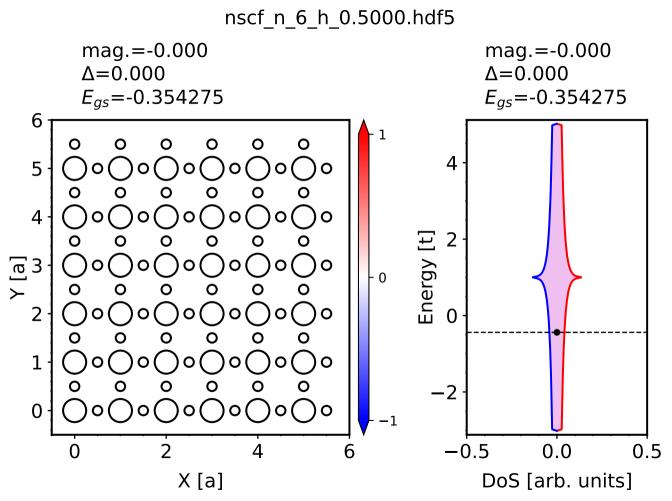


nscf n 8 h 0.5000.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.354275  $E_{gs}$ =-0.354275 6 Energy [t] 0  $\sim$ [e] 4 ≻ -0.50.5 X [a] DoS [arb. units]

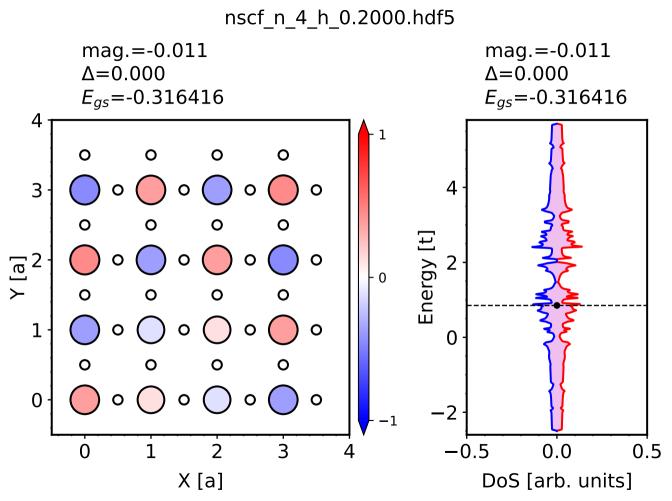


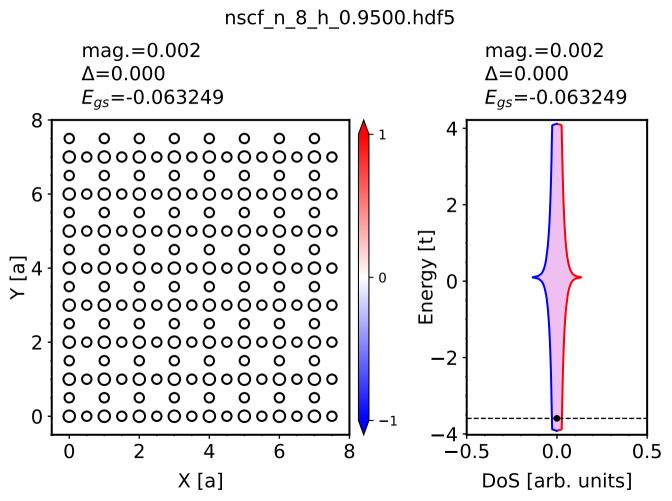






nscf n 8 h 0.2000.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.001$  $\Delta = 0.001$  $E_{gs}$ =-0.324215  $E_{qs}$ =-0.324215 6 Energy [t] [e] 4 ≻ 0 0 0.5 -0.5X [a] DoS [arb. units]

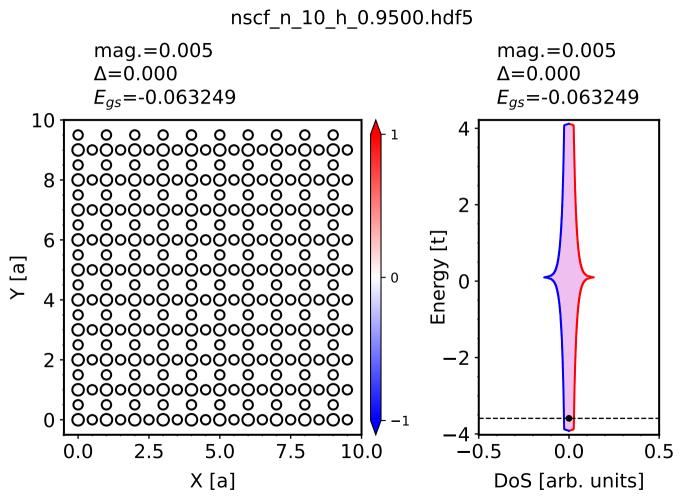




nscf n 10 h 0.2500.hdf5 mag.=0.000mag.=0.000 $\Delta = 0.001$  $\Delta = 0.001$  $E_{qs}$ =-0.335398  $E_{qs}$ =-0.335398 10 6 Energy [t] Y [a] 0 7.5 5.0 10.0 -0.50.5 0.0 X [a] DoS [arb. units]

nscf n 10 h 0.3333.hdf5 mag. = -0.005mag. = -0.005 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.352317  $E_{gs}$ =-0.352317 10 4 Energy [t] 6 Y [a] 7.5 5.0 10.0 -0.50.5 0.0 X [a] DoS [arb. units]

nscf n 6 h 0.2500.hdf5 mag. = -1.000mag. = -1.000 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.335474  $E_{qs}$ =-0.335474 6 5 4 Energy [t E a ≺ 0 0 -0.50.0 0.5 X [a] DoS [arb. units]



nscf n 8 h 0.2500.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.221$  $\Delta = 0.221$  $E_{qs}$ =-0.337991  $E_{gs}$ =-0.337991 6 Energy [t] [e] 4 ≻ 0 0 -0.50.5 X [a] DoS [arb. units]

nscf n 6 h 0.3333.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.353304  $E_{qs}$ =-0.353304 6 5 4 Energy [t] E a ≺ 0 -0.50.0 0.5 X [a] DoS [arb. units]

nscf n 4 h 0.9500.hdf5 mag. = -0.000mag. = -0.000 $\Delta = 0.000$  $\Delta = 0.000$  $E_{qs}$ =-0.063249  $E_{qs}$ =-0.063249 3 Energy [t] [a] > 0 0 0 -0.50.0 0.5

DoS [arb. units]

X [a]

