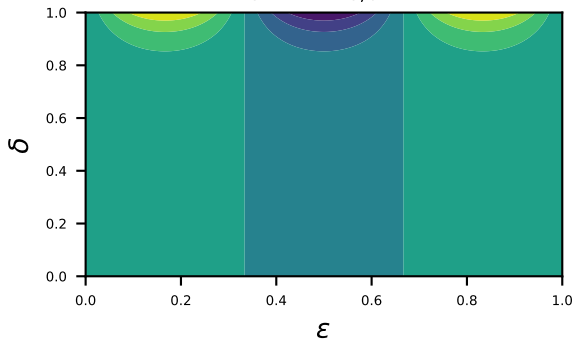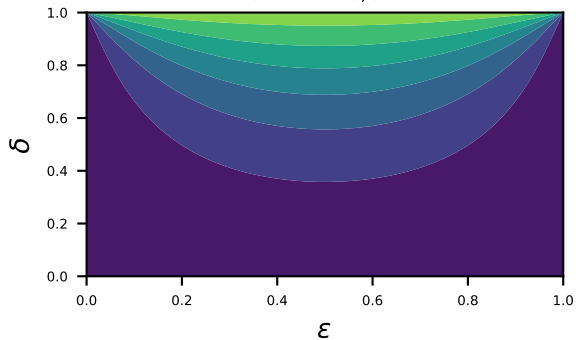Relative potentials $V(\varepsilon, \delta)/V_c$