Derivative of V_e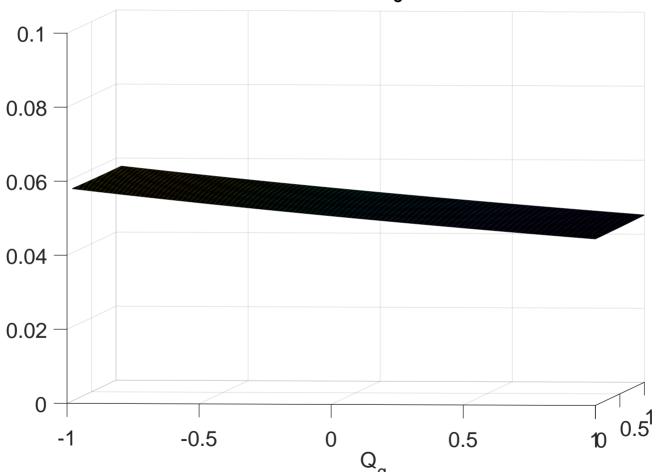 to Qg