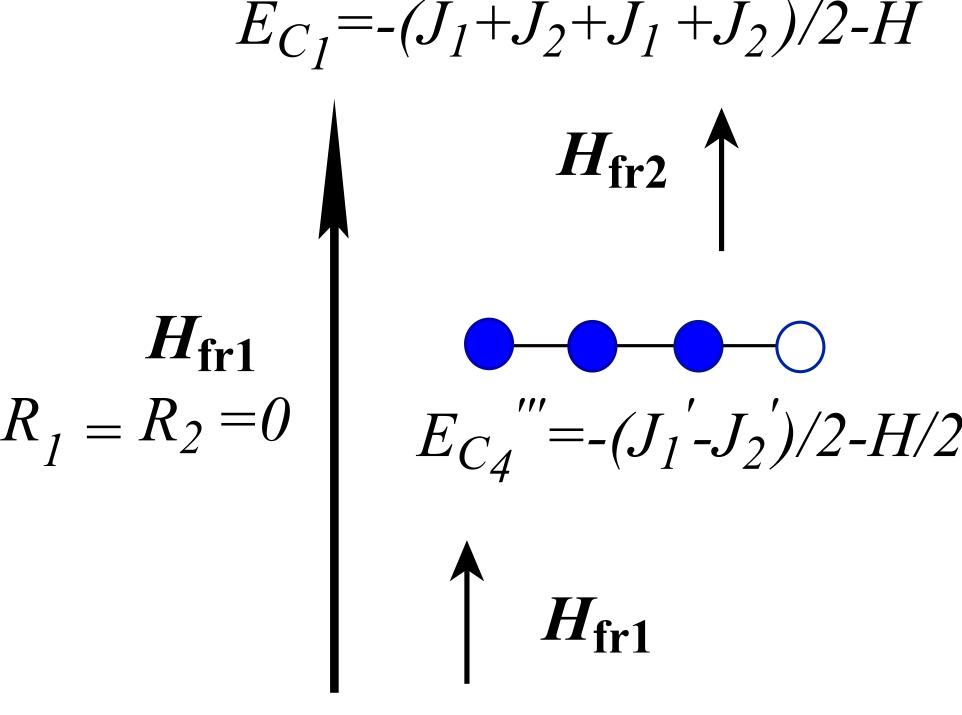
$$E_{C_1} = -(J_1 + J_2 + J_1' + J_2')/2 - H$$



$$E_{C_{2}} = (J_{1} + J_{2} - J_{1}' - J_{2}')/2$$