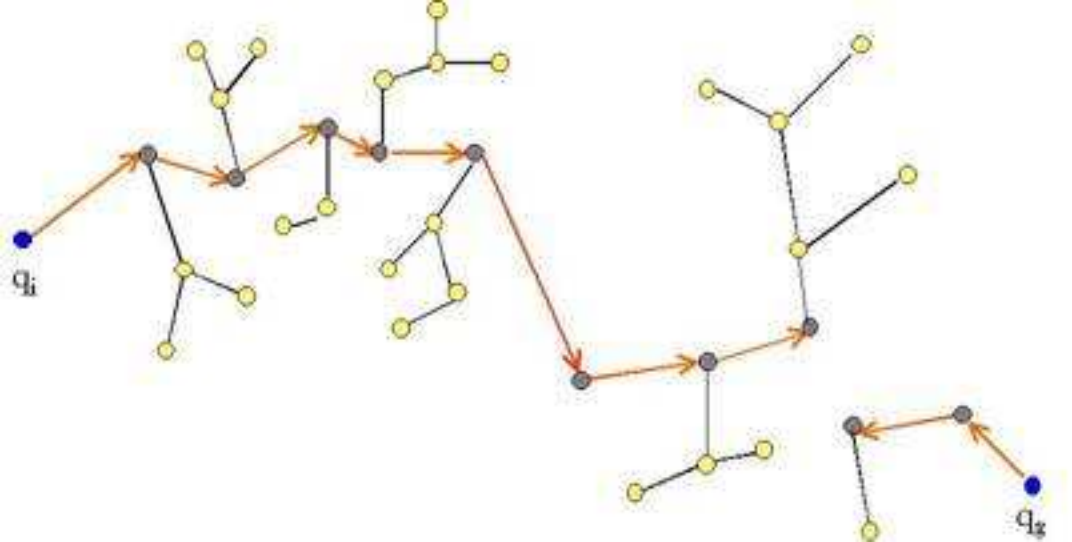
q_i
q_g