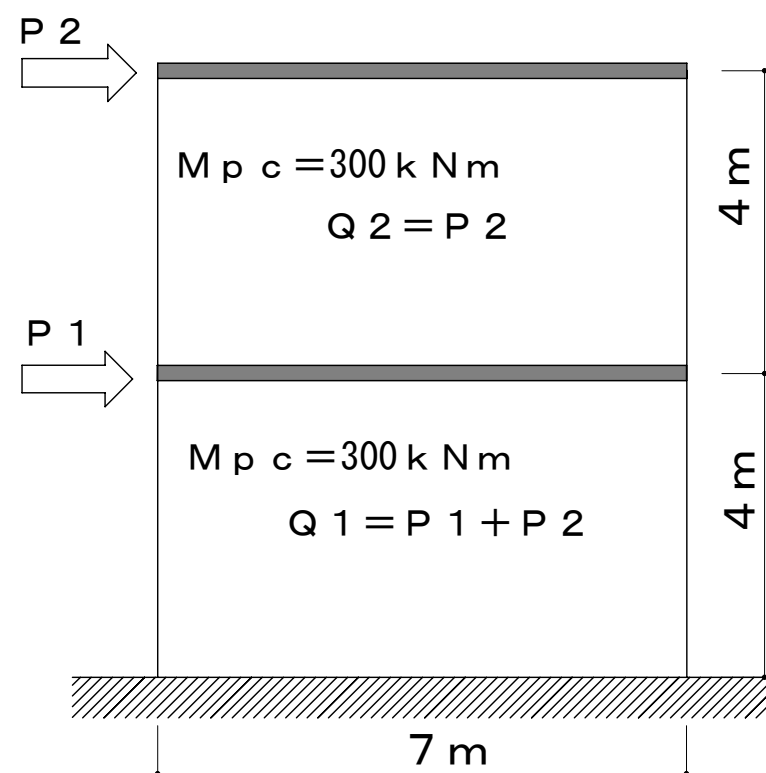
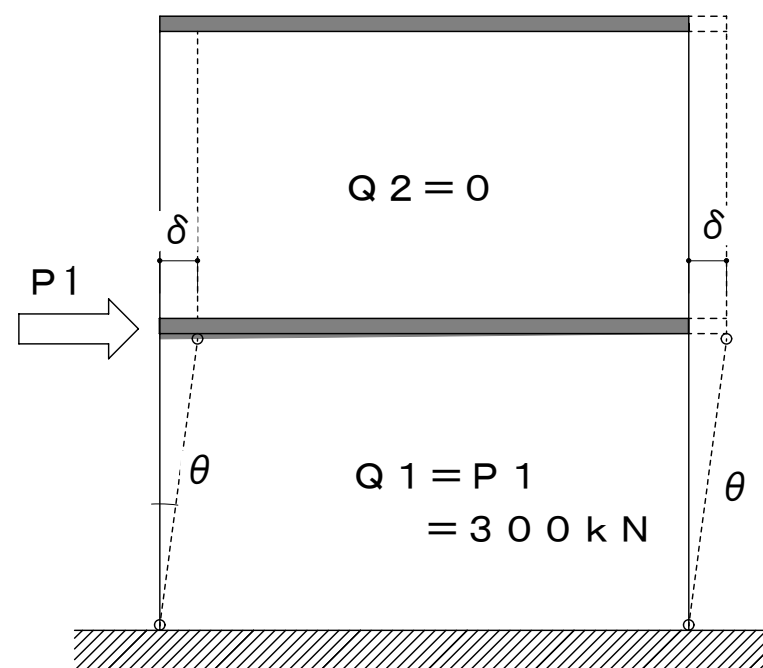
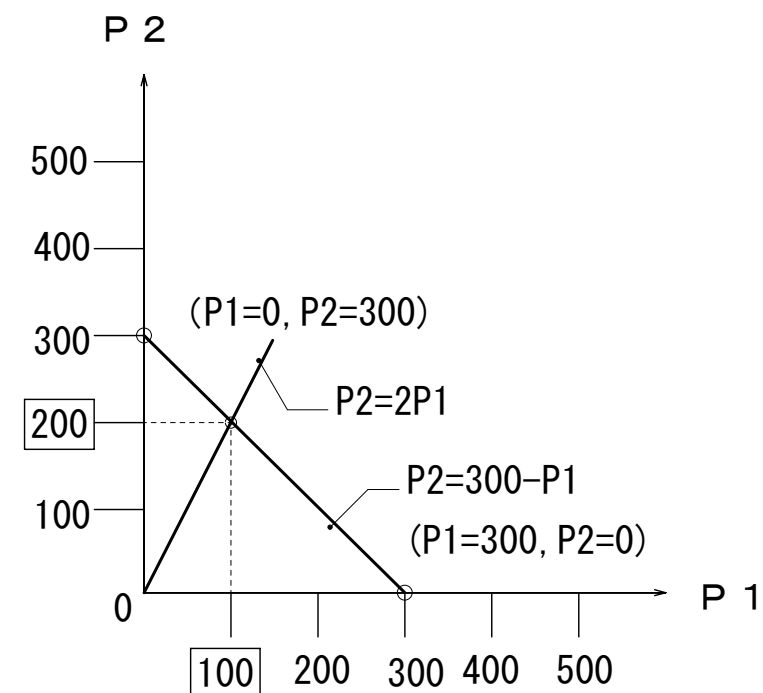




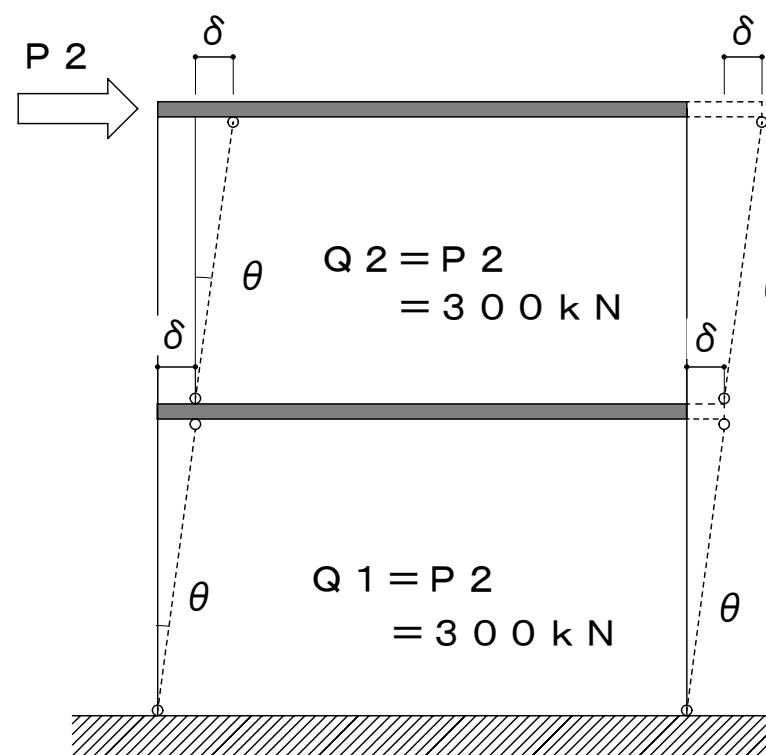
問題2 No1



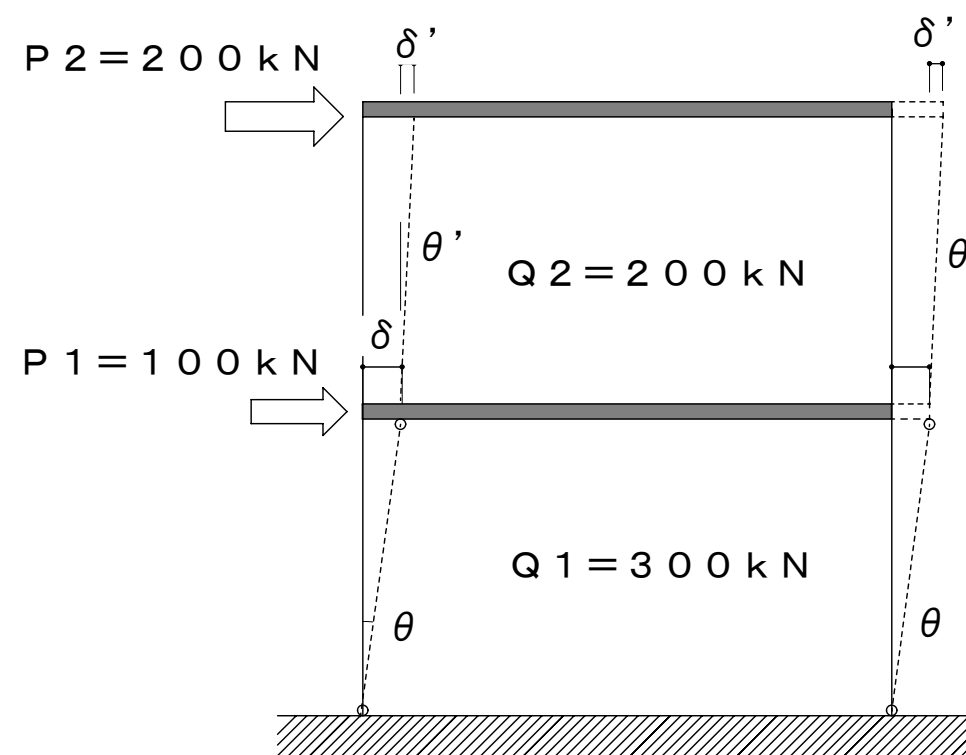
①



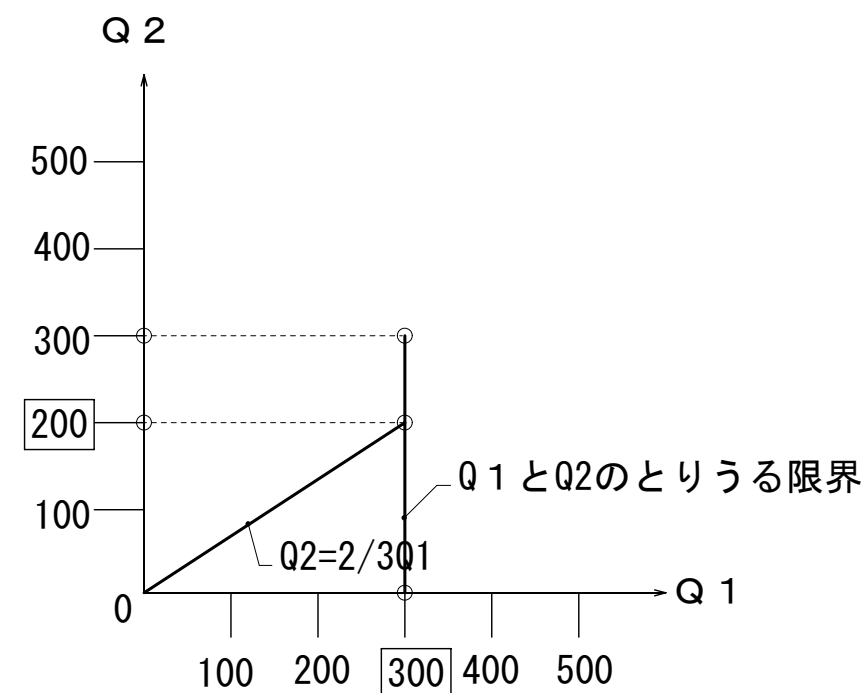
③ P_1 と P_2 の比が1:2のとき



②



⑤のときの限界荷重状態



④、⑤ $Q_1 : Q_2 = 2 : 3$ のとき