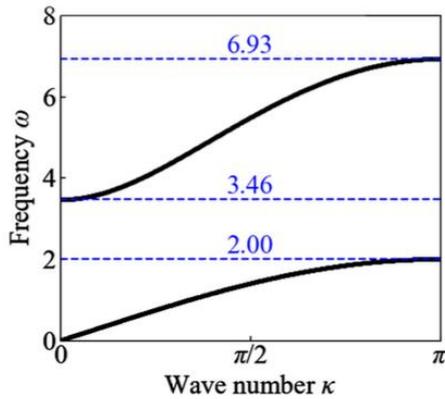
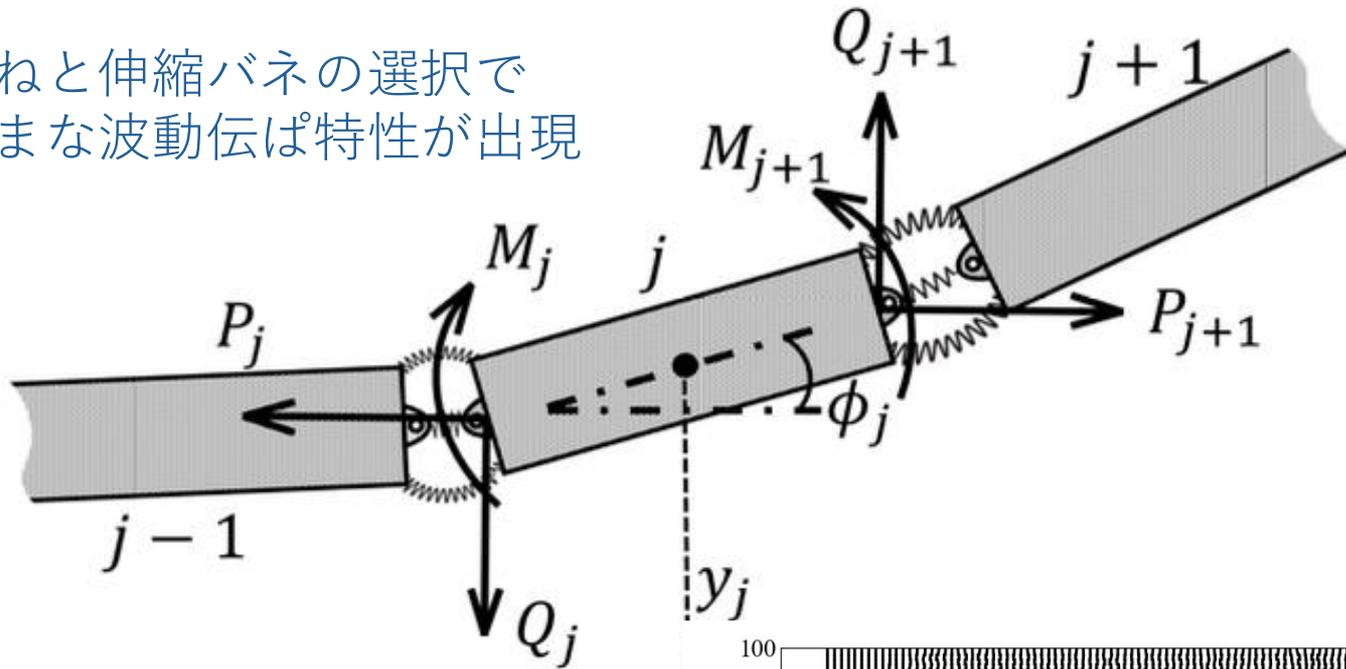
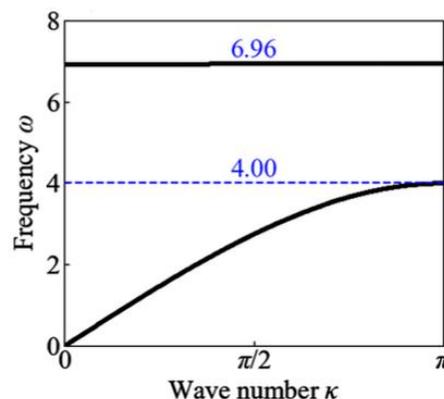


連接剛体はりモデルの非線形動力学解析

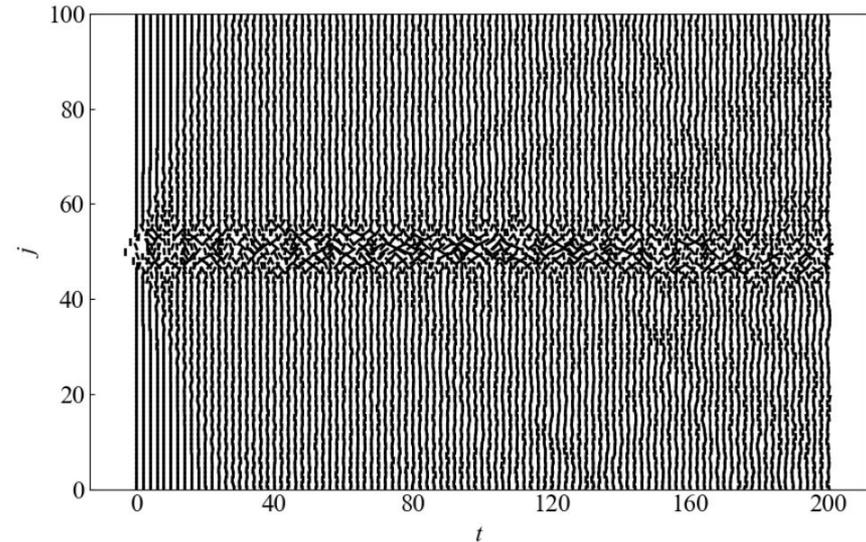
回転ばねと伸縮バネの選択で
さまざまな波動伝ぱ特性が出現



(a) $K_R = 1, K_T = 1$



(b) $K_R = 1, K_T = 4$



バンド構造(伝ぱ速度)の変化

振動の局在化