Movie 1:

Caption: Evolution of timelines initiated at and for wave packet development within the linear region. The timelines are initiated at , with .

Movie 2:

Caption: Evolution of timelines initiated at and for wave packet development within the nonlinear region. The timelines are initiated at , with .

Movie 3:

Caption: The evolution of material surfaces initiated at and 2.5 for bypass transition. The flat surfaces are initiated at and .