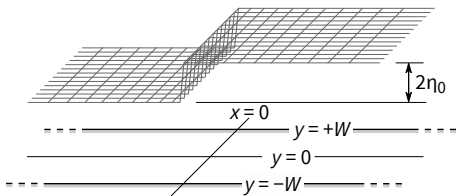
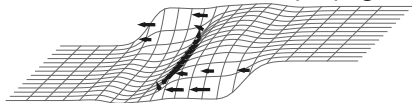
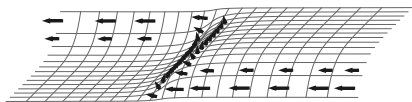
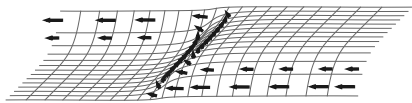
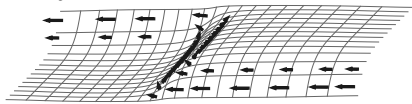
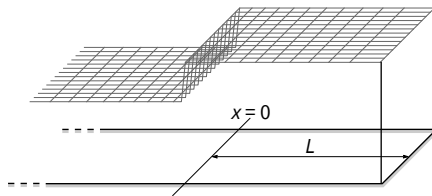


(a) Open channel

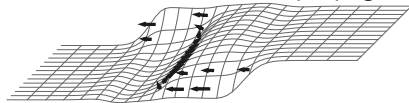
Kelvin and Poincaré waves propagating



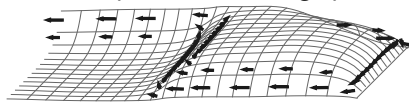
Steady state

**(b) Closed channel**

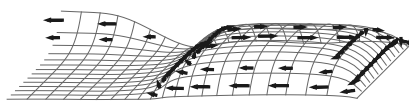
Kelvin and Poincaré waves propagating



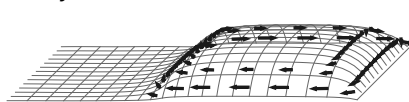
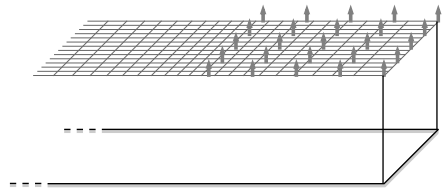
Wave of depression catching up



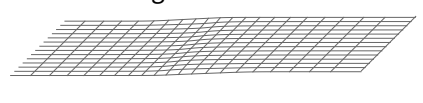
Wave interference



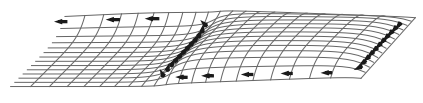
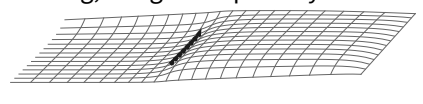
Steady state

**(c) Closed channel, initially zero SSH**

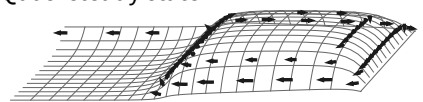
SSH increasing near closed end



Evolving, but geostrophically balanced



Quasi steady state



Time ↓