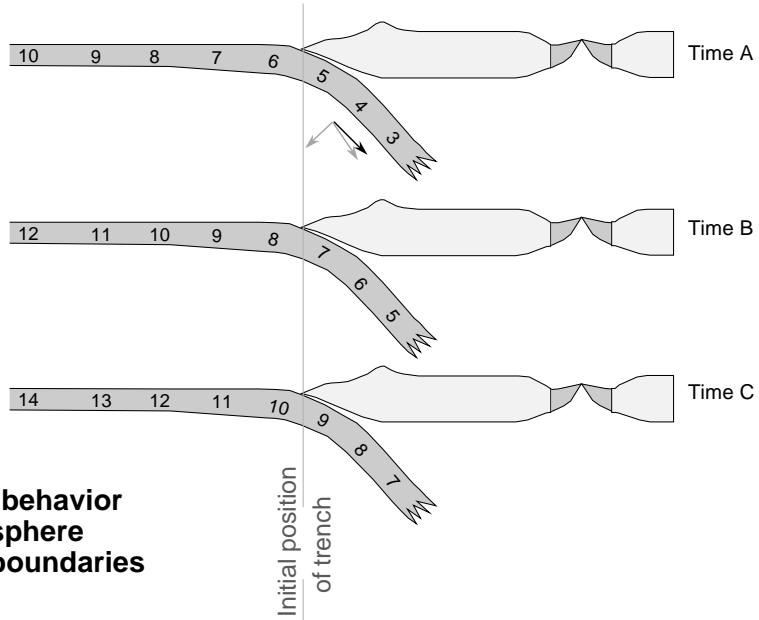
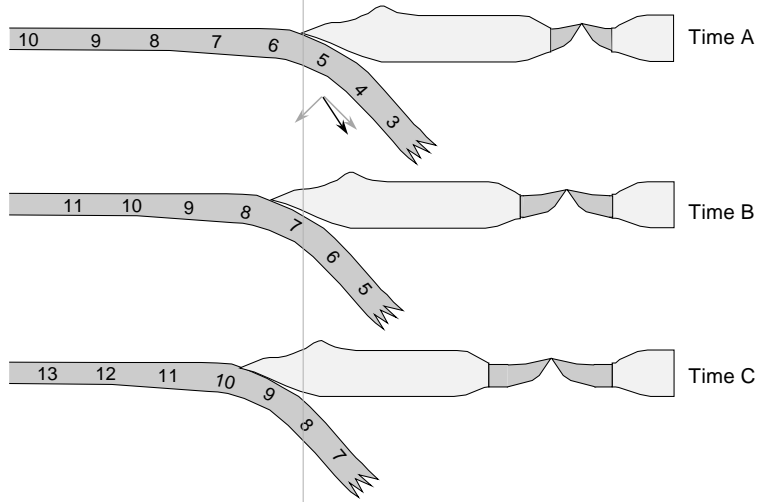


Possible modes of behavior of oceanic lithosphere at convergent plate boundaries

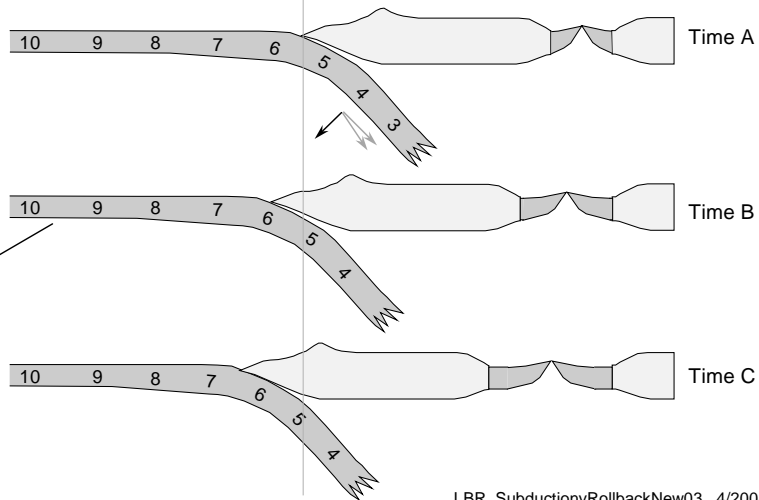
Subduction only



Subduction and Rollback



Rollback only



Note that this oceanic lithosphere does not move relative to underlying asthenosphere, and any seafloor-spreading to the left must be accommodated by motion of ocean lithosphere beyond the mid-ocean ridge.