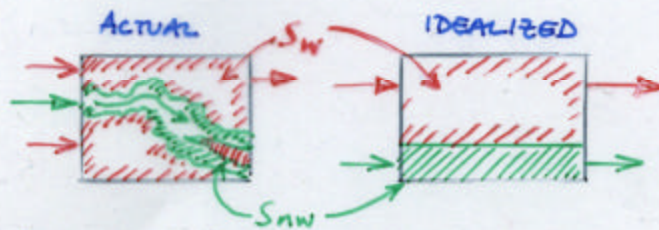


3. SIMULTANEOUS FLOW OF TWO IMMISCIBLE FLUIDS

- Capillarity and capillary pressures govern the "equilibrium" penetration of fluids - static behavior
- Once perched, the individual phases may transfer and be transported
 - Pure phase (free product)
 - Dissolved form (later).



- a) Note that flow within phase is not subject to capillarity (capillarity acts at fringes, only)
- b) Each fluid establishes its own "tortuous" path \rightarrow stable channels

