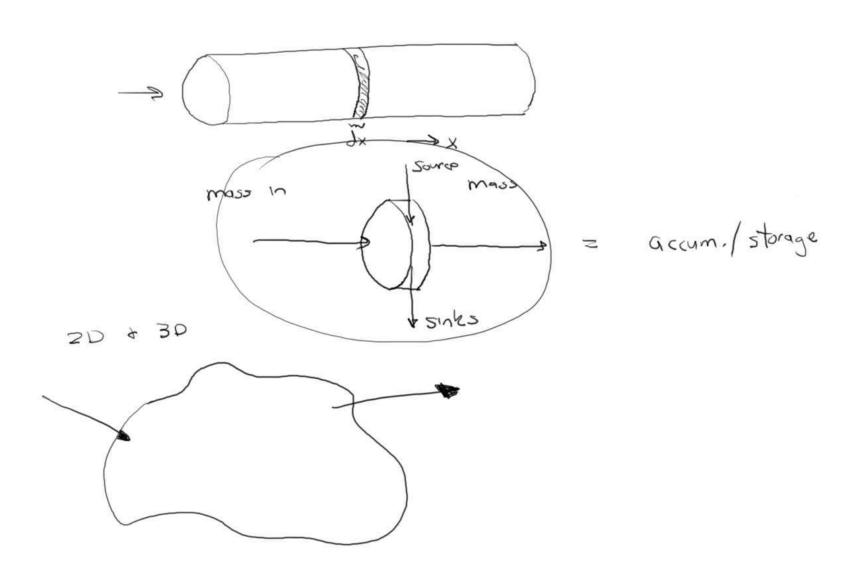
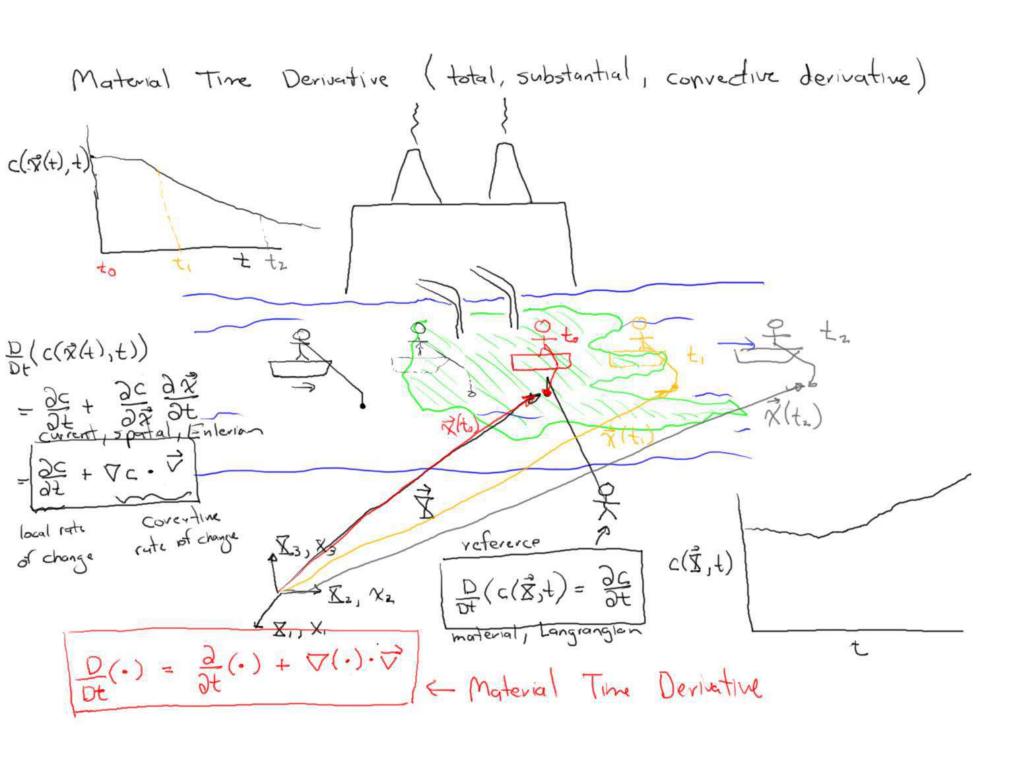
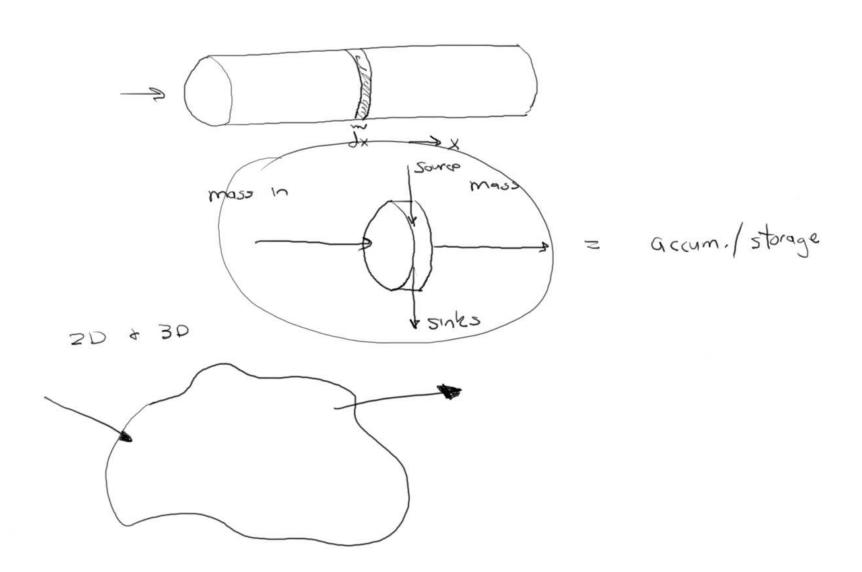
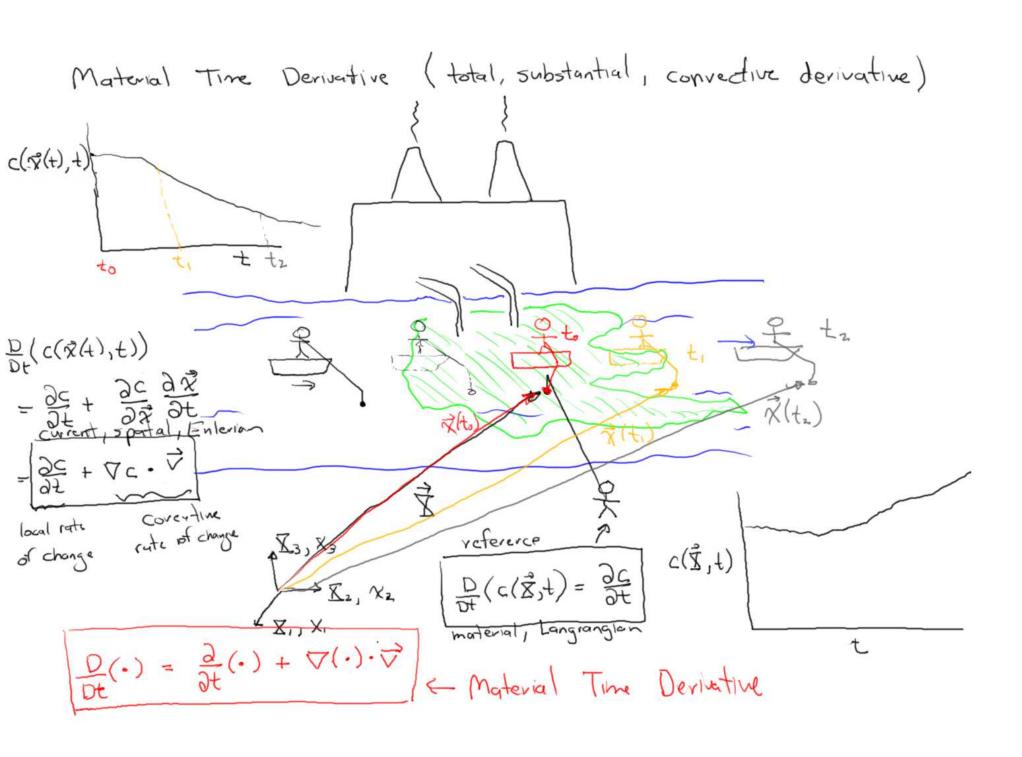
Conservation of Mass





Conservation of Mass





Reference
$$\chi(\vec{x},t)$$
 $\chi(\vec{x},t)$ $\chi(\vec{x}$

$$\int_{n_0} e^{(\vec{x})} \phi_0(\vec{x}) dV_0 = \int_{n_0} e^{(\vec{x},t)} \phi(\vec{x},t) J_0 V_0$$

$$e^{(\vec{x})} \phi_0(\vec{x}) = e^{(\vec{x},t)} \phi(\vec{x},t) J_0$$

$$e^{(\vec{x})} \phi_0(\vec{x}) = e^{(\vec{x},t)} \phi(\vec{x},t) J_0$$
Material for of conservation of mass