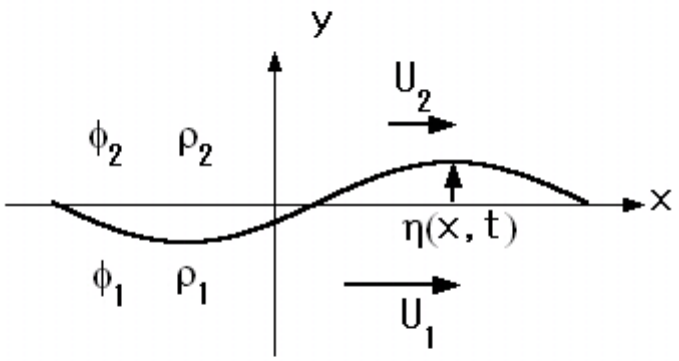
Kelvin Helmholtz Instability



$$\mathbf{n} \cdot \mathbf{u}_{\mathbf{int}} = \mathbf{n} \cdot \mathbf{u}_{\mathbf{1}} = \mathbf{n} \cdot \mathbf{u}_{\mathbf{2}}$$

$$\mathbf{n} = \frac{1}{\sqrt{1 + \left(\frac{\partial \eta}{\partial t}\right)}} \left(-\frac{\partial \eta}{\partial t}, 1\right)$$