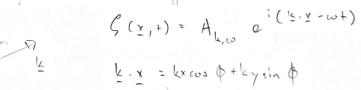
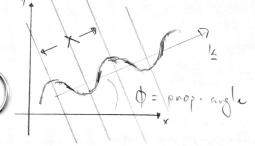
- · Vorticity is seen as more universal, as its a vector, singular, rather than 30 Flow field
- · D= Ce/c. ... approximately 1.4 for diatomic gases
  - o P/p = (1 + 8-1 M2) 1-1 air so AP/p must be less than 5%, thumb rule
  - 0 M: 0.02 for nater. Less than 100 m/s for most
- · Continuity Equation ... ( = + V. V)(p) = -p TV, need to fix B vo b
  - ,  $(\frac{\partial}{\partial t} + \nabla \cdot)(\rho \vee)$  ... ugli wrong? by memory
- · In face Waves ... Non dispersive naves
  - · ++ lk, chapter 3 in Lighthill -> find dispersion relationship
  - · Disparine ... Formier Components travel at different relocities

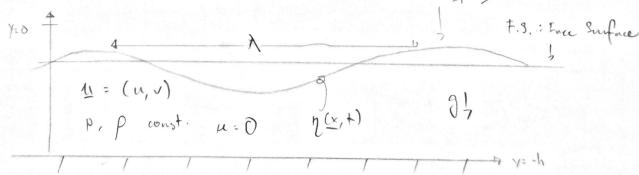




or = speed of sound

- o ID ... I-dy welt -7 holx-welt = 0 -7 dx = w c ... phuse speed
- · Lincon Dispersive Waves
  - · Small Amplitude, 20 flow

Soull Anglitude Rointy Crest



7 ... wave free outace height ... inviscial