Phys 2110-4 12/9/11

Note Title 12/9/2011

$$f = \sqrt{}$$

$$f' = f \frac{\left(1 + \frac{N_0}{V}\right)}{\left(1 + \frac{N_s}{V}\right)}$$



Moring sho

Great effective speed of

v' = V + Na

$$\frac{1}{2} = \frac{1}{2} = \frac{1}$$

Speed paris?

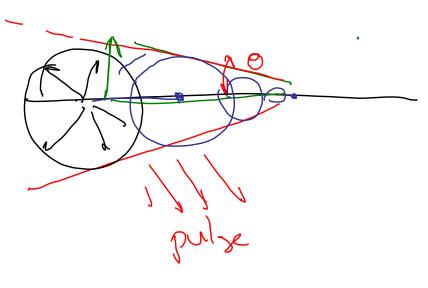
$$f' = \frac{\lambda f}{\lambda - u_s T}$$

$$= f\left(\frac{1}{1 - u_s T}\right)$$

$$= \frac{1}{1 - u_s T}$$

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$$= \frac{1}{1 - u_s T}$$



Sypramic motion.

UJV

2/N 0 = N

Shoch wave

p241

$$y(x,t) = A \cos(kx \mp wt + \phi)$$

$$k = 2\pi \qquad w = 2\pi \qquad ...$$