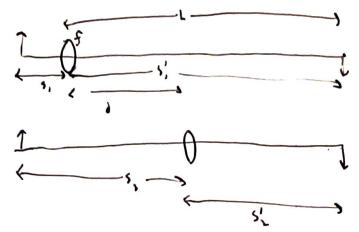
##Week 4 pt 3

Bessels melled:



Thinking about reveribility, we can write

5,=5,1

(em the is doesn't look The Hal in the picture)

$$\frac{1}{7} + \frac{2}{7} = \frac{2}{7} = \frac{2}{7}$$

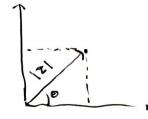
Chapter 4- Complex #'s

Claps. 5- 5- perposition

Chpt. 6- Lusers

Chapt 7 - Physical optics

Complex numbers



4= 12/ (018

If I manded to write down an oscillation

$$y_1 = A_1 e^{i(\omega_1 + \phi_1)} = \overline{A_1} e^{i\omega_1}$$
 $y_2 = A_1 e^{i(\omega_1 + \phi_1)} = \overline{A_1} e^{i\omega_1}$
 $y_2 = A_1 e^{i(\omega_1 + \phi_1)} = \overline{A_1} e^{i\omega_1}$
 $y_3 = A_1 e^{i(\omega_1 + \phi_1)} = \overline{A_1} e^{i(\omega_1 + \phi_2)}$
 $A_1 = A_1 + A_2 + A_1 A_2 e^{i(\phi_1 + \phi_2)} + A_1 A_2 e^{i(\phi_2 + \phi_1)}$
 $A_1 = A_1 + A_2 + A_1 A_2 e^{i(\phi_1 + \phi_2)} + A_1 A_2 e^{i(\phi_2 + \phi_1)}$
 $A_1 = A_1 + A_2 + A_1 A_2 e^{i(\phi_1 + \phi_2)} + A_1 A_2 e^{i(\phi_2 + \phi_1)}$
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 $A_1 = A_1 + A_2 + A_1 A_2 e^{i(\phi_1 + \phi_2)} + A_2 e^{i(\phi_2 + \phi_1)}$
 $A_1 = A_1 + A_2 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
 $A_1 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
 $A_1 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
 $A_1 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
 $A_1 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
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 $A_1 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)} + A_4 e^{i(\phi_1 + \phi_2)}$
 $A_2 = A_1 + A_2 + A_3 + A_4 e^{i(\phi_1 + \phi_2$

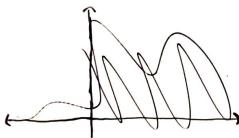
 $A^{2} = A^{2} + A^{2} - 2A \cdot A \cdot \omega_{1} \theta$

190=0+12-4、 == 190+(か, -ゆ)

1. Az= Az+Az +2A, A, cos(4,-42)

tung = Aring, + Aring

k= 27 w= 27f



- And Andrews Andrews

int points normal to mare front