



AIDS

S P S Internship

Summer 2009

Leslie Watkins

AIDS

S P S Internship

Summer 2009

Background



AIDS

S P S Internship

Summer 2009

Background





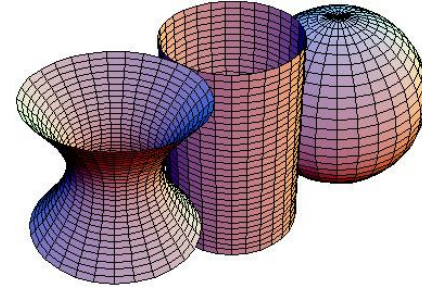


$$L[t] = T[t] - V[t] = \frac{1}{2}m\dot{\vec{x}}[t] \cdot \dot{\vec{x}}[t] - m\zeta[\vec{x}[t], t].$$



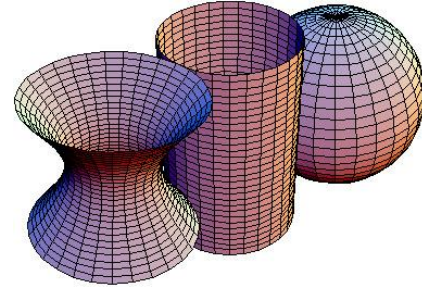


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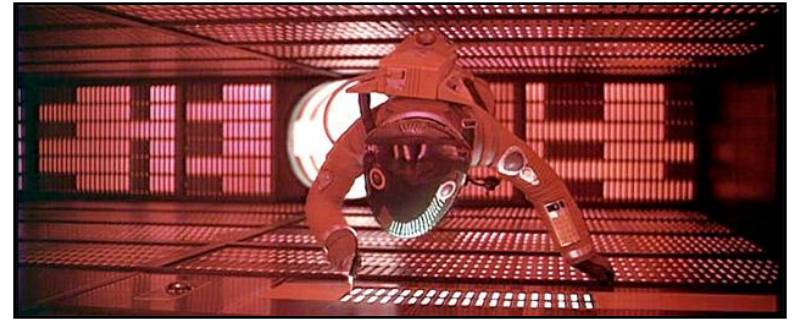
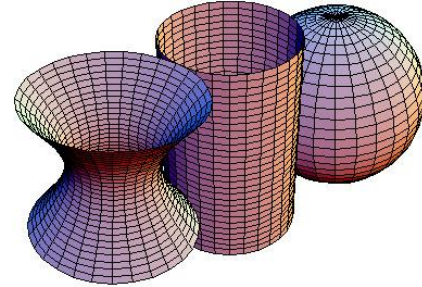


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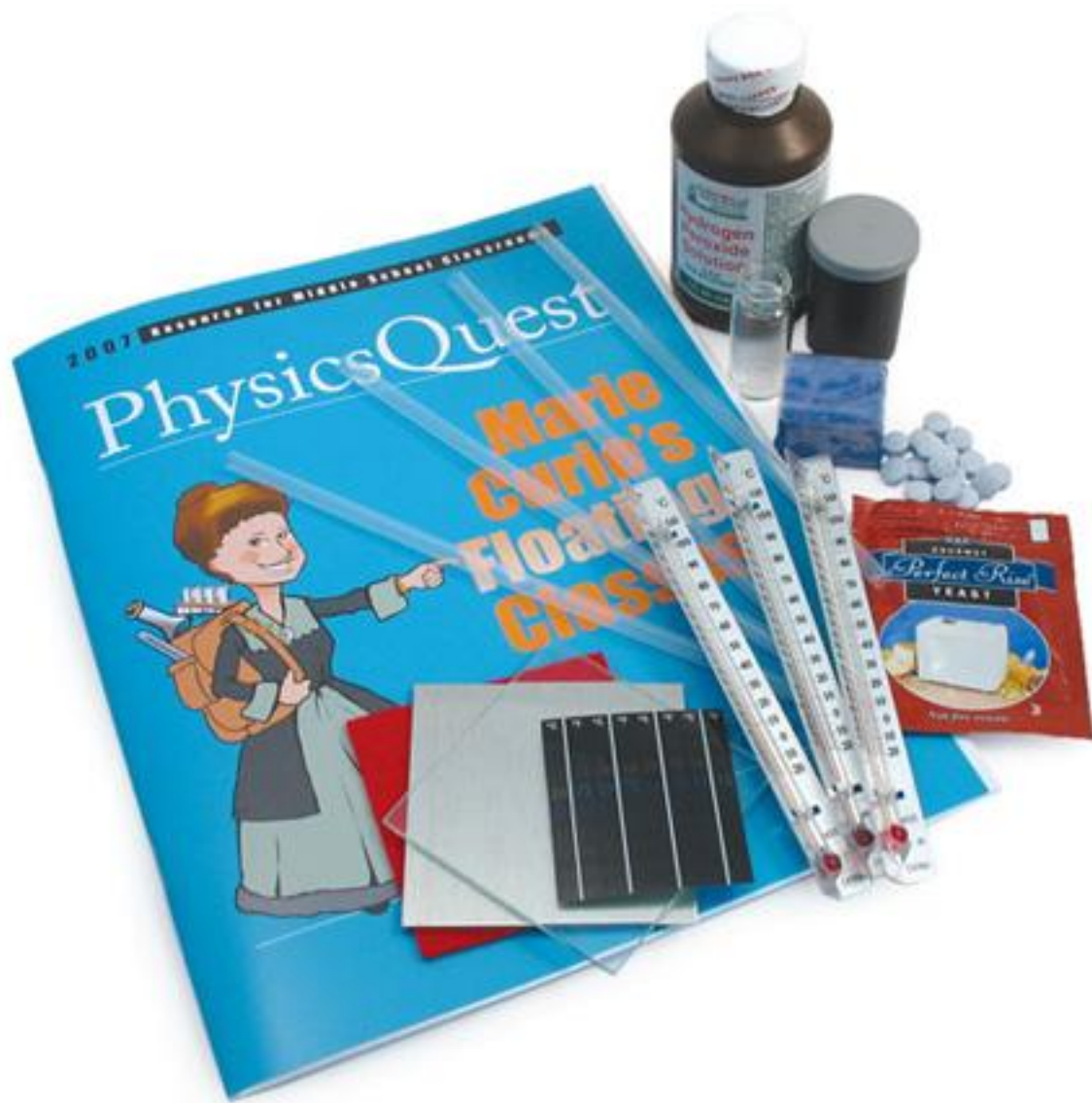
A large, light blue, stylized graphic of the letters 'AIDS' is centered on the page. The letters are thick and have a slight shadow. A blue swoosh starts from the top left, loops around the 'A' and 'I', and ends at the bottom right.

AIDS

S P S I n t e r n s h i p

S u m m e r 2 0 0 9

P h y s i c s Q u e s t





2 0 0 5



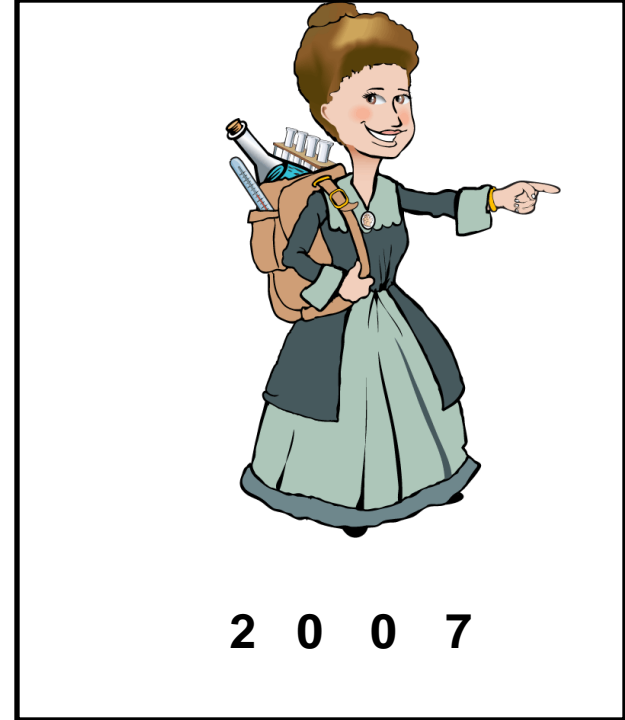
2 0 0 5

2 0 0 6





2 0 0 5



2 0 0 7

2 0 0 6





2 0 0 5



2 0 0 7

2 0 0 6



2 0 0 8





2 0 0 5



KGJ / APS © 2009



2 0 0 7

2 0 0 6



2 0 0 8





2 0 0 5



2 0 0 7

2 0 0 6



2 0 0 8



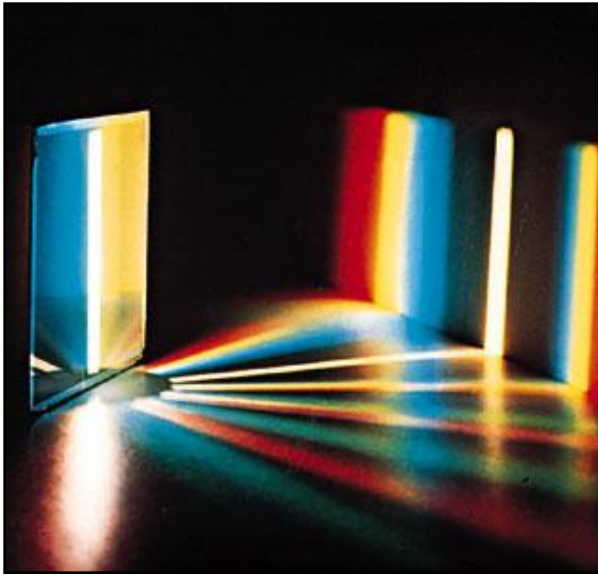
A large, light blue, stylized logo consisting of the letters 'S', 'P', and 'S' intertwined in a circular fashion, serving as a background for the text.

SPS

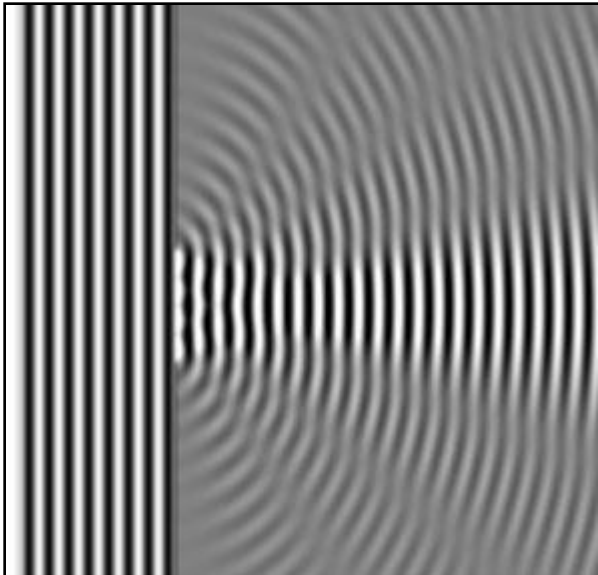
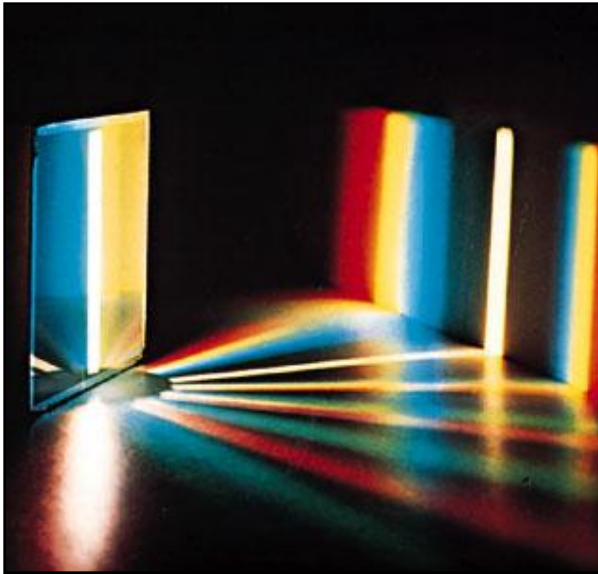
S P S I n t e r n s h i p

S u m m e r 2 0 0 9

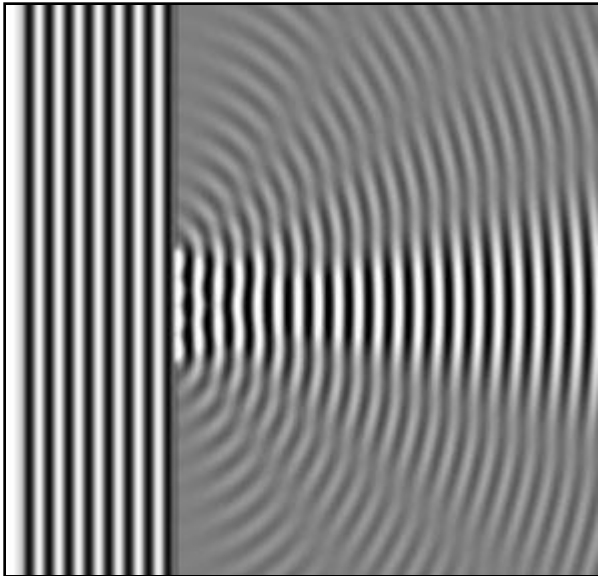
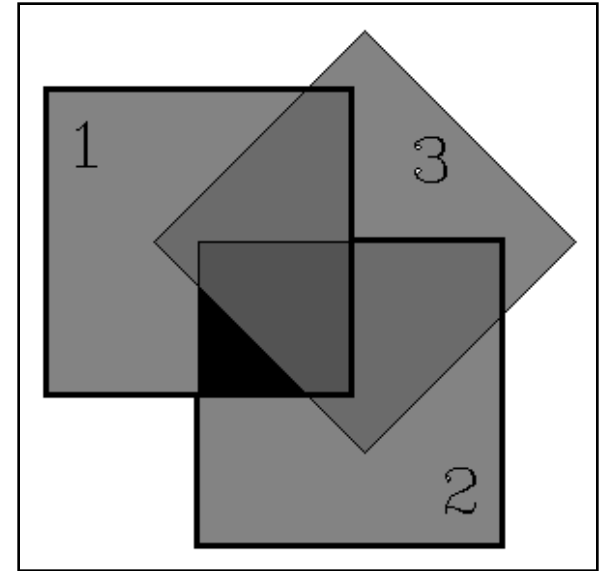
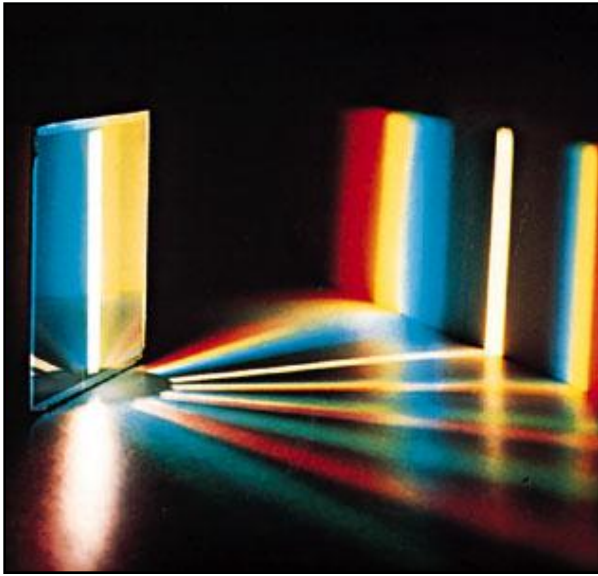
T h e E x p e r i m e n t s



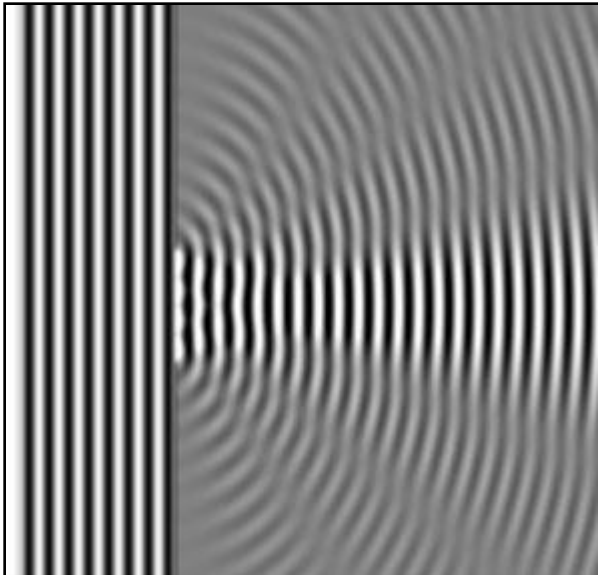
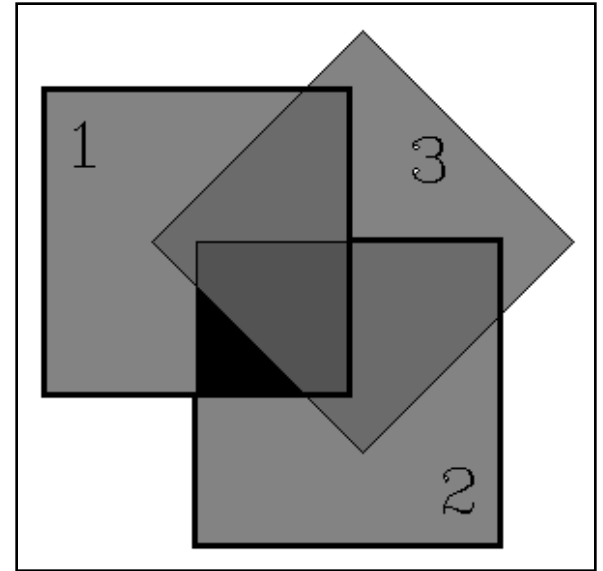
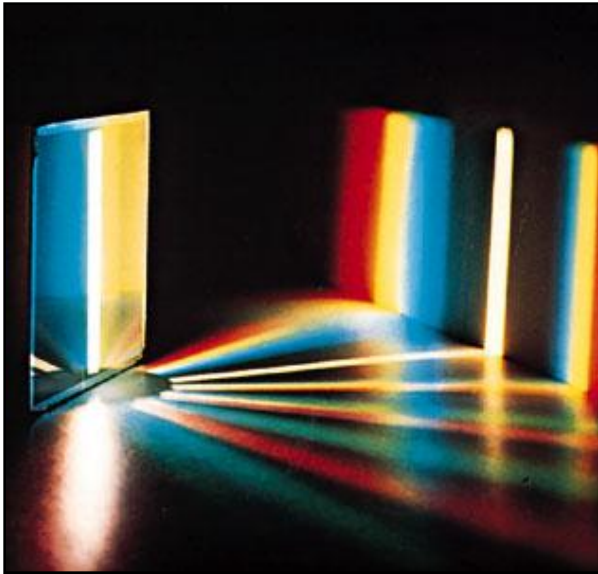
T h e E x p e r i m e n t s



E x p e r i m e n t s

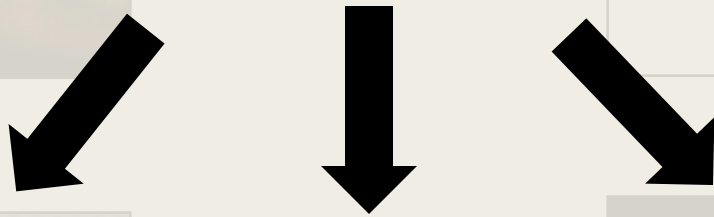
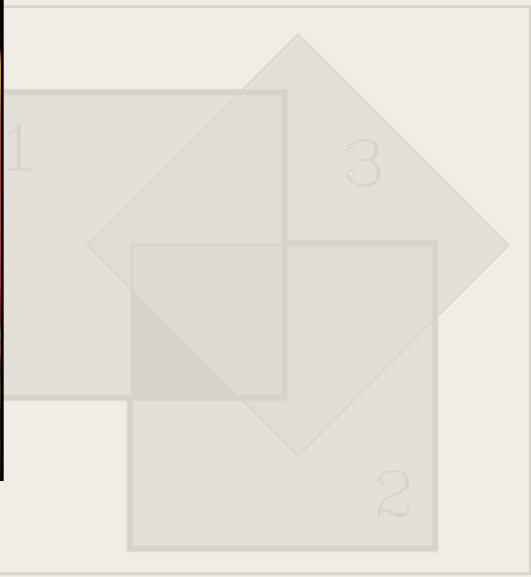
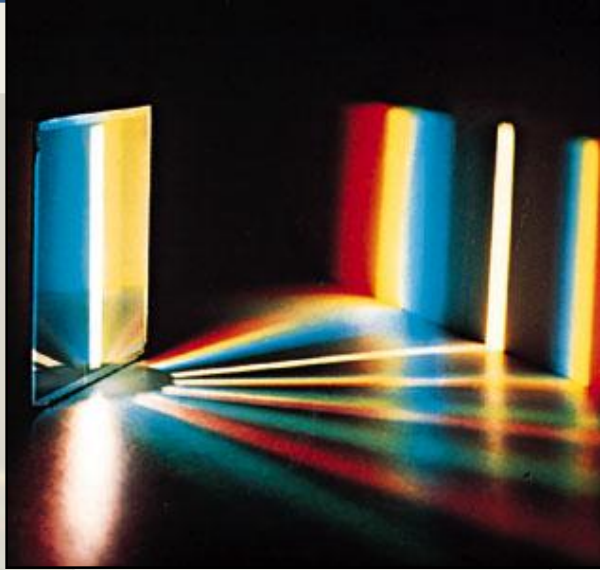
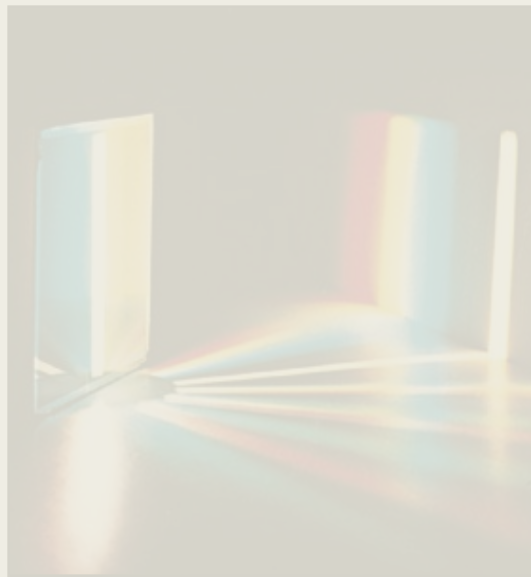


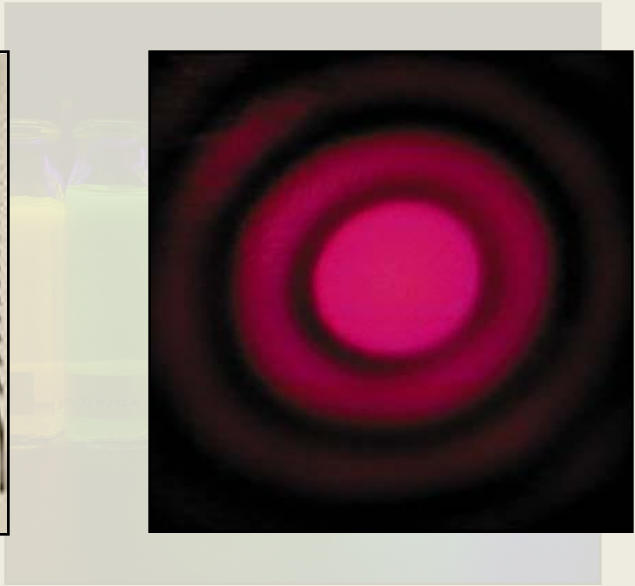
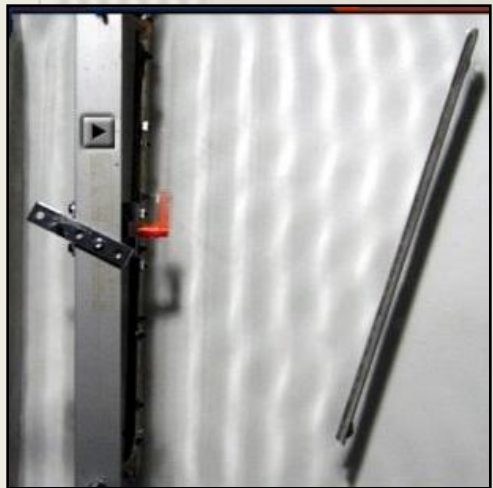
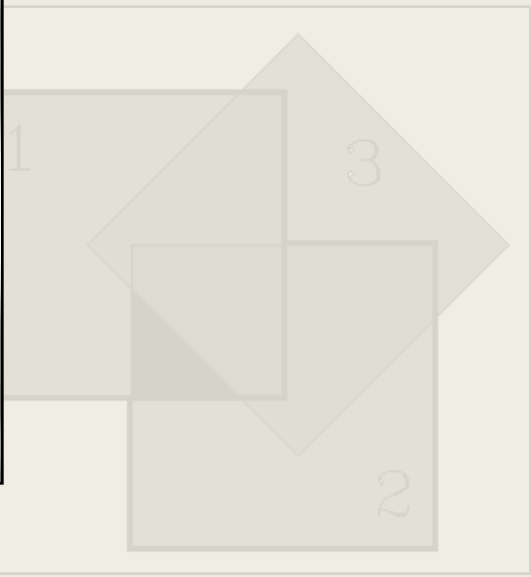
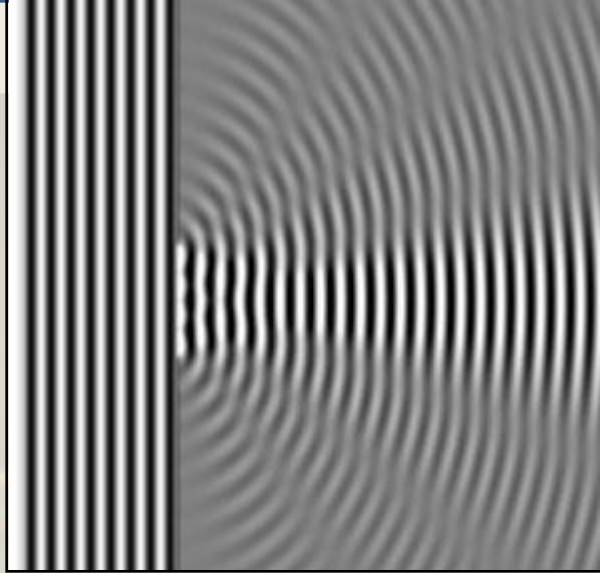
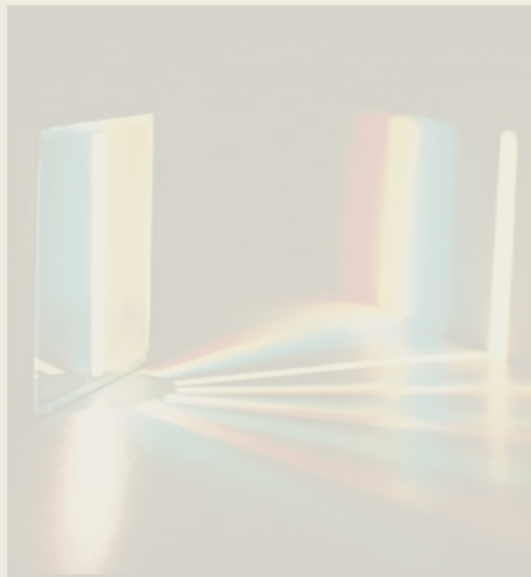
E x p e r i m e n t s

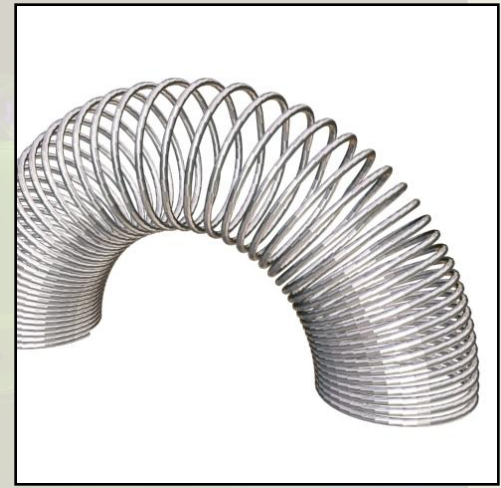
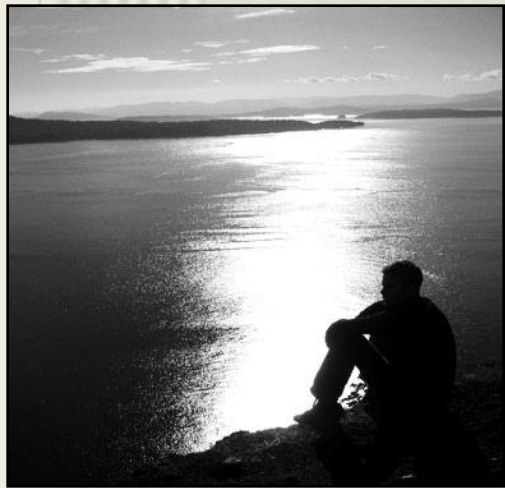
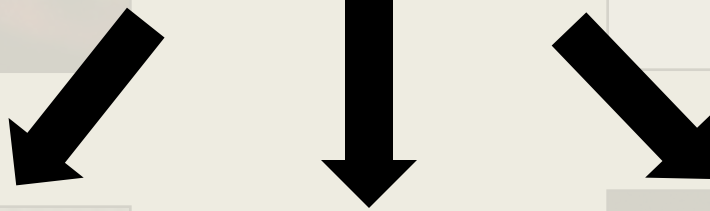
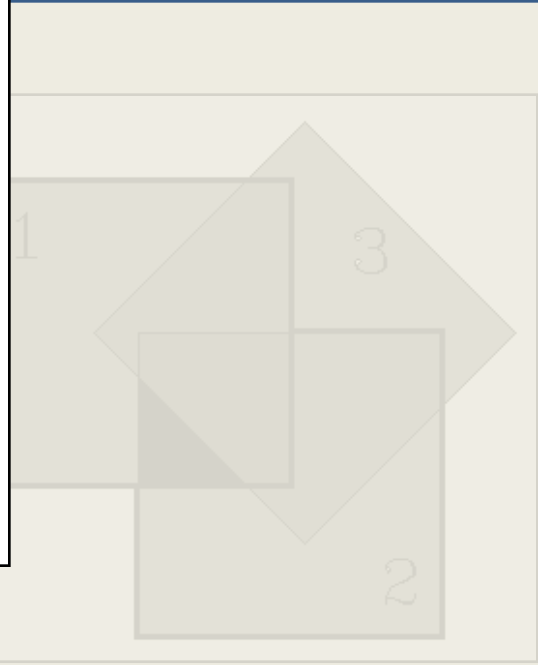
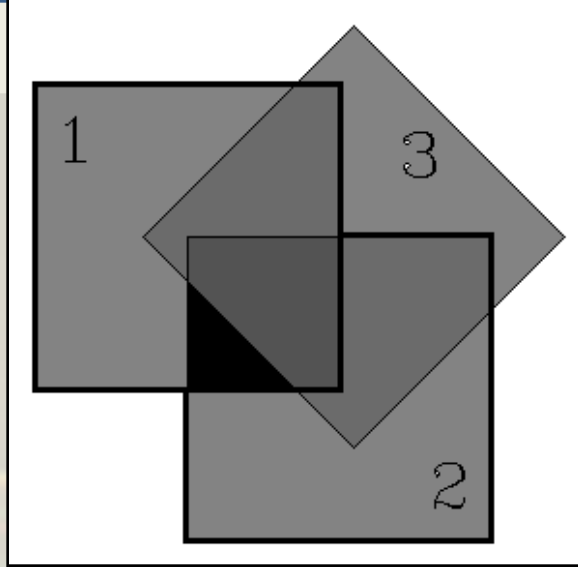
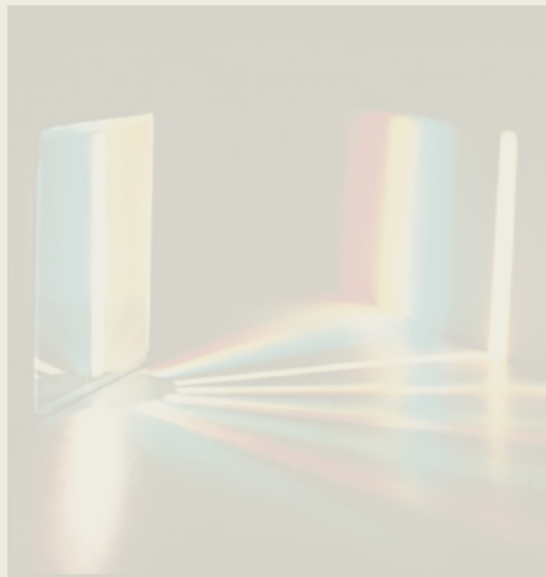


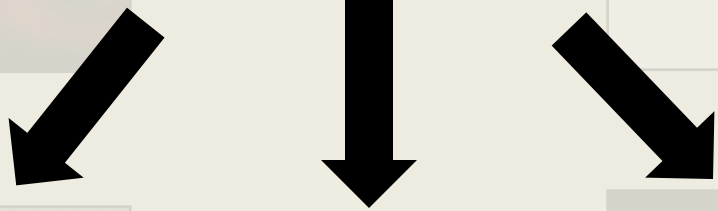
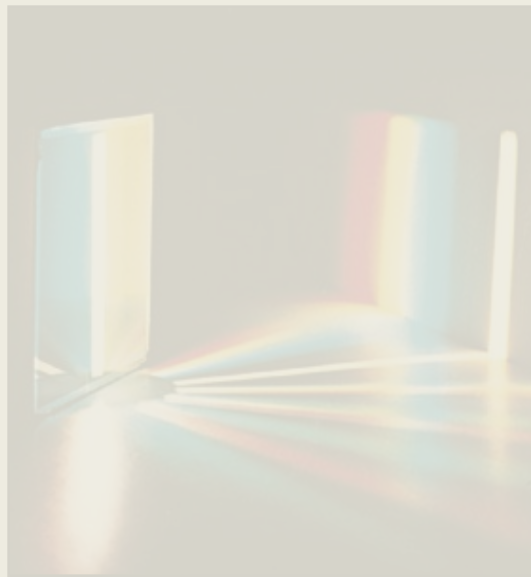
E x p e r i m













SPS

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Cereal Box

Spectrometer

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CEREAL

NET WT. 15 OZ
(425g)



MADE IN THE USA
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(425g)

WHEAT
CEREAL



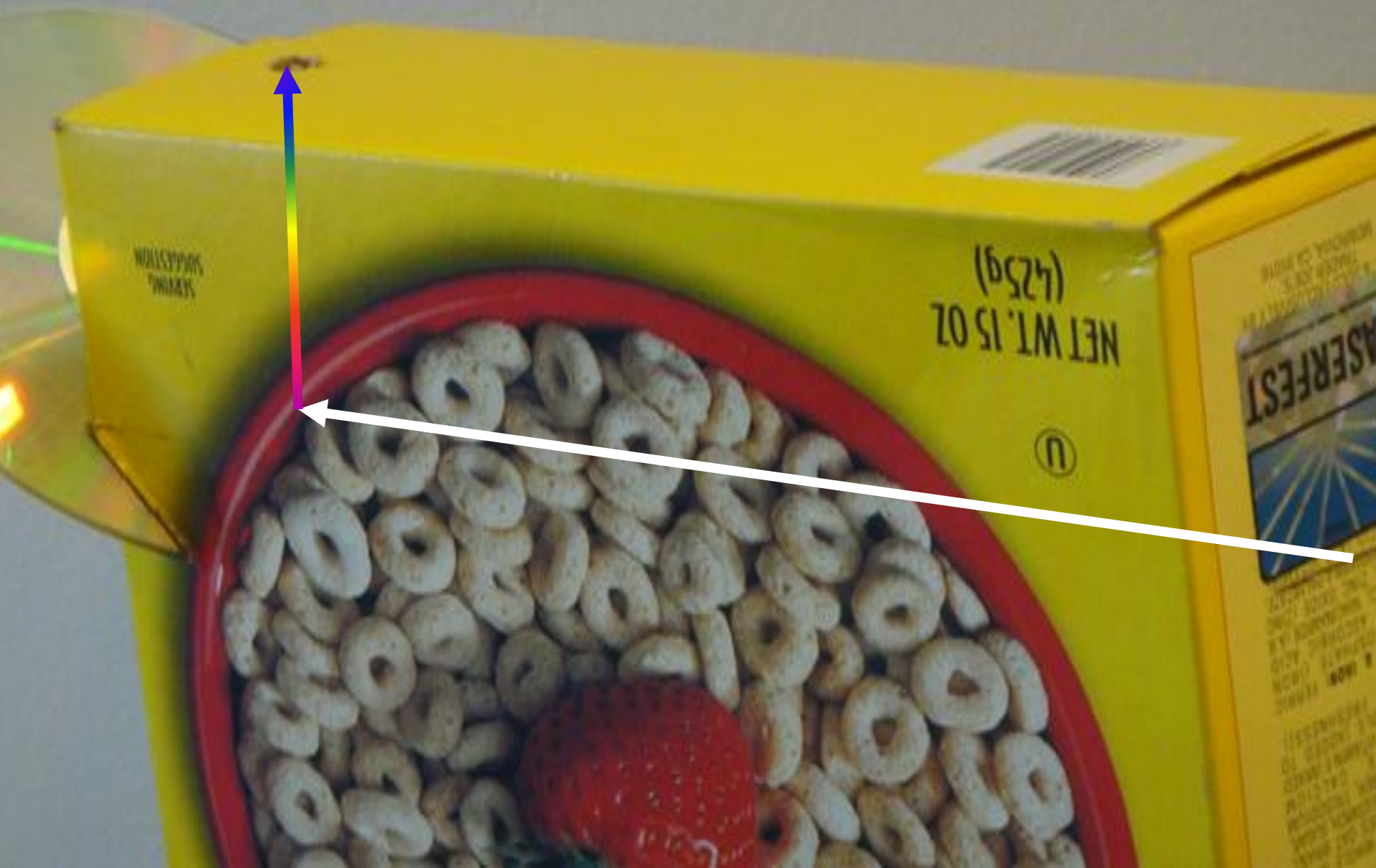
WHEAT CEREAL
NET WT. 15 OZ
(425g)

WIKI577015
701415

NET WT. 15 OZ
(425g)



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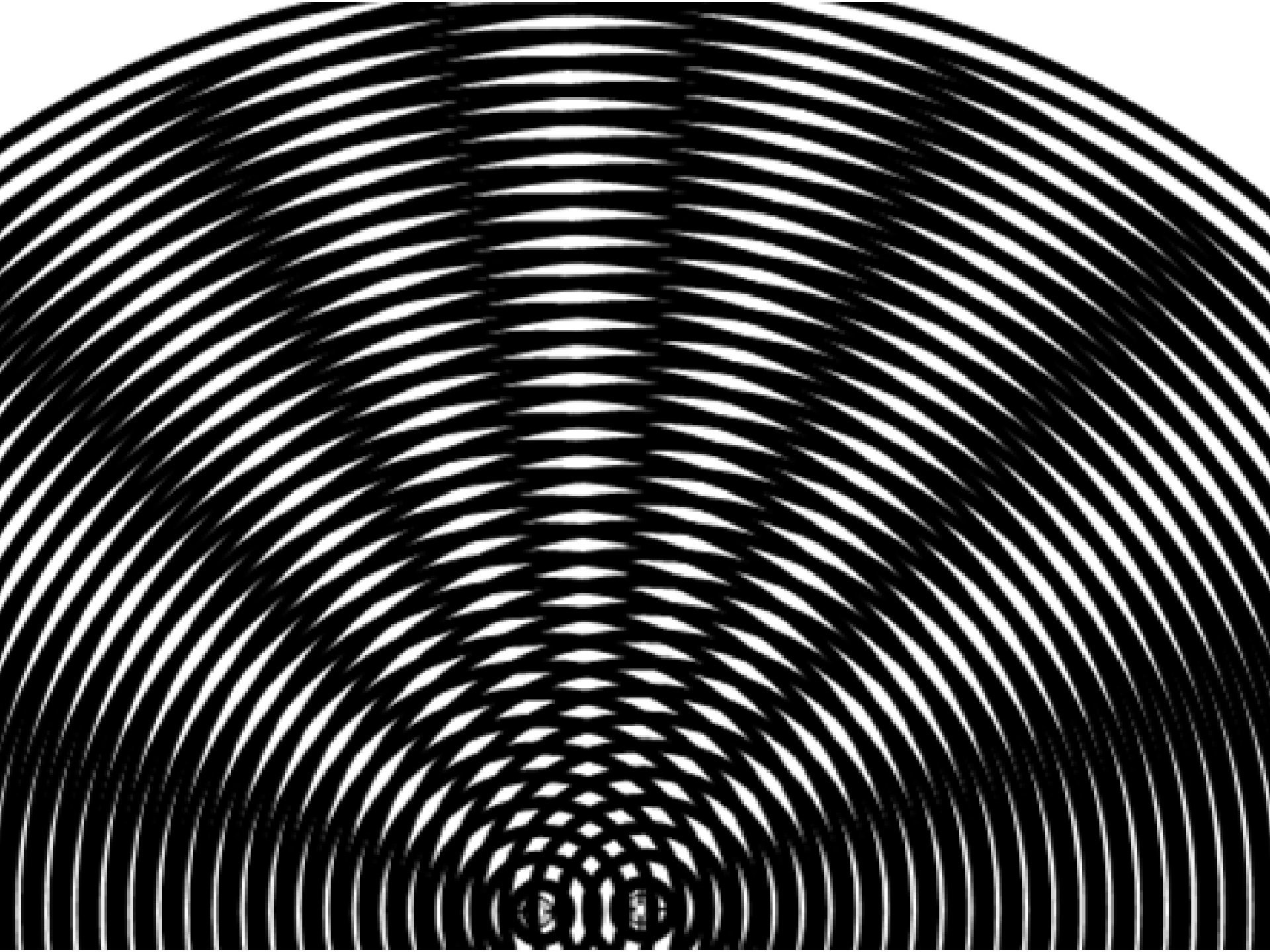


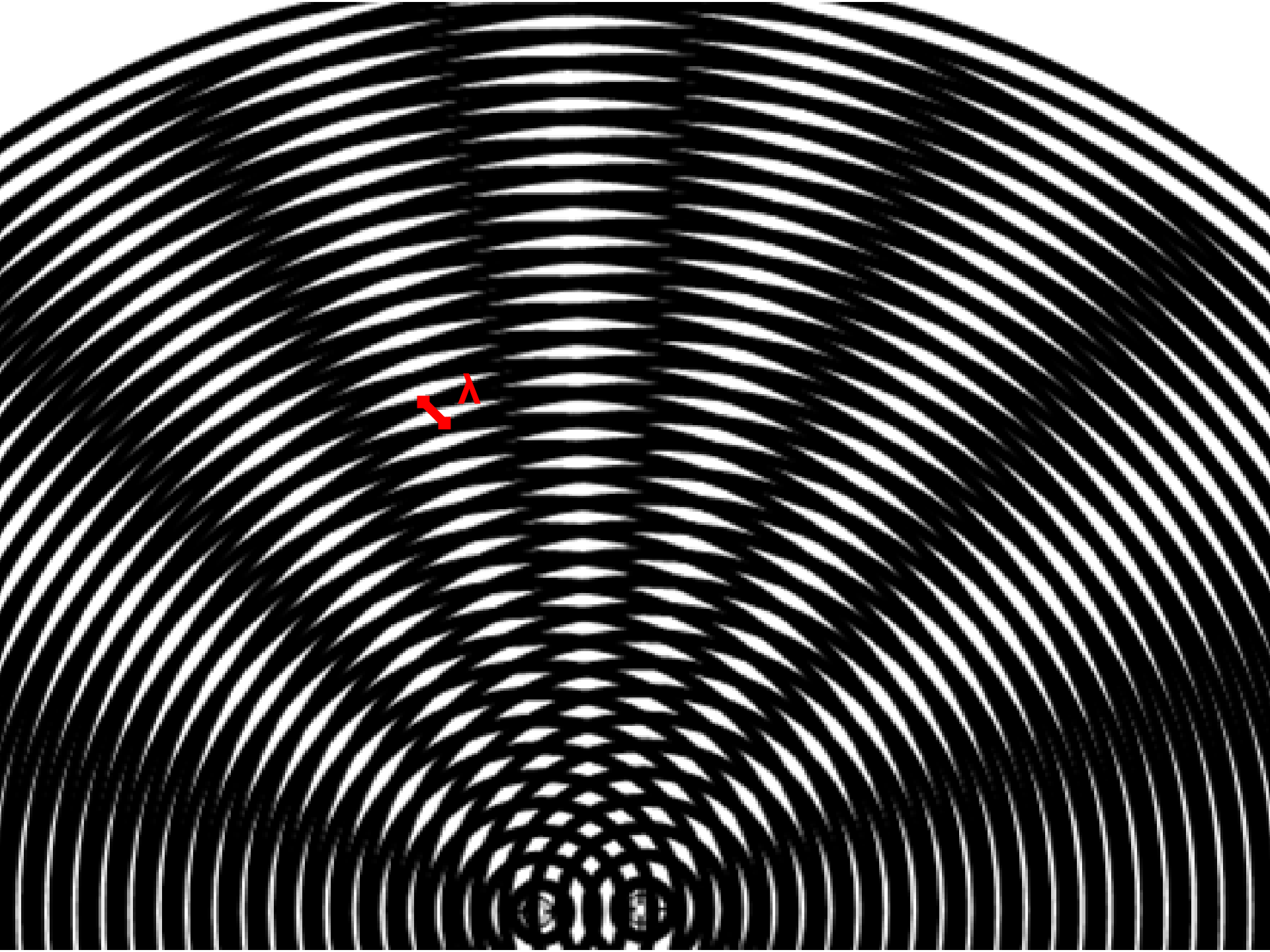
SPS

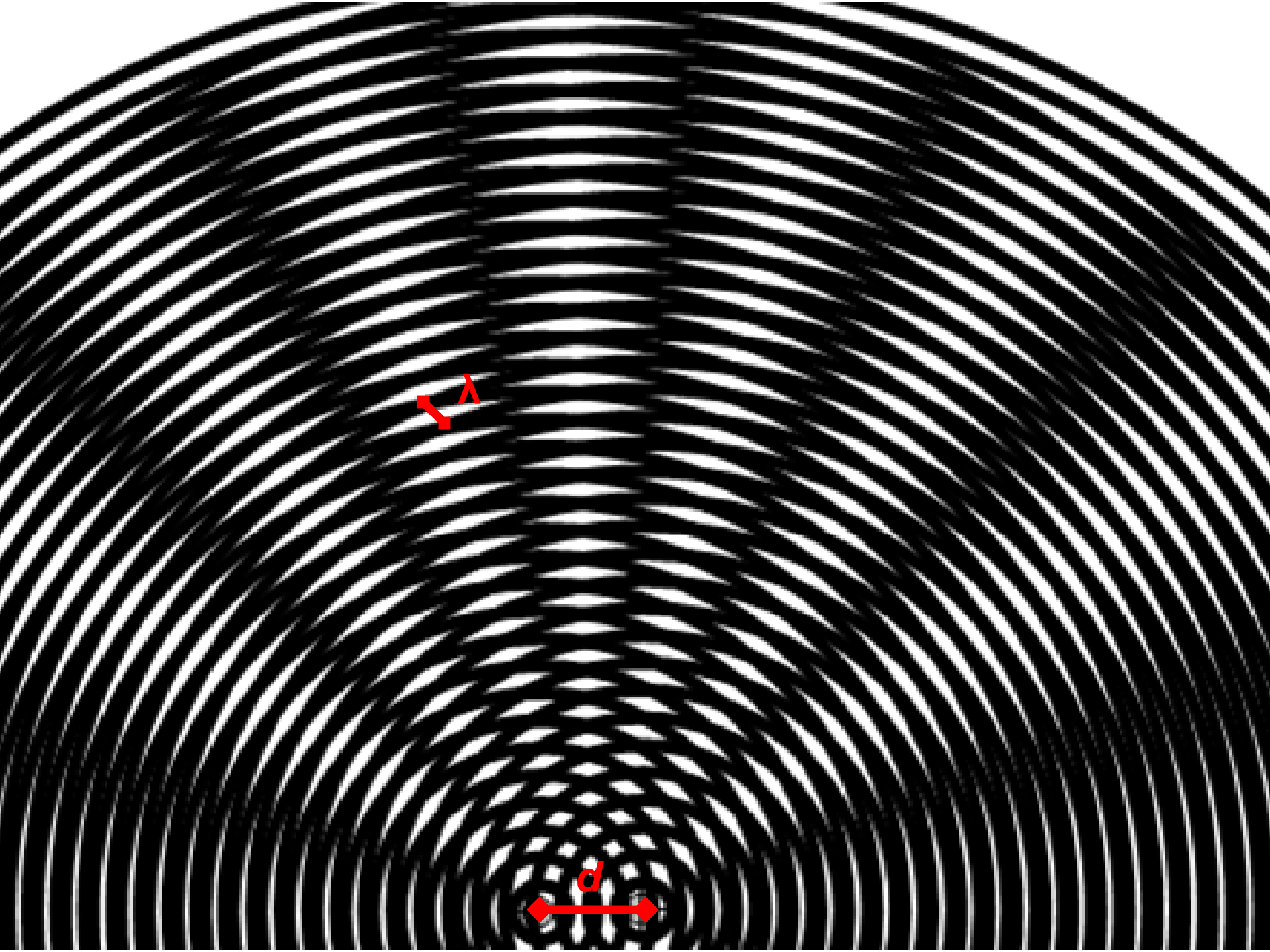
S P S Internship

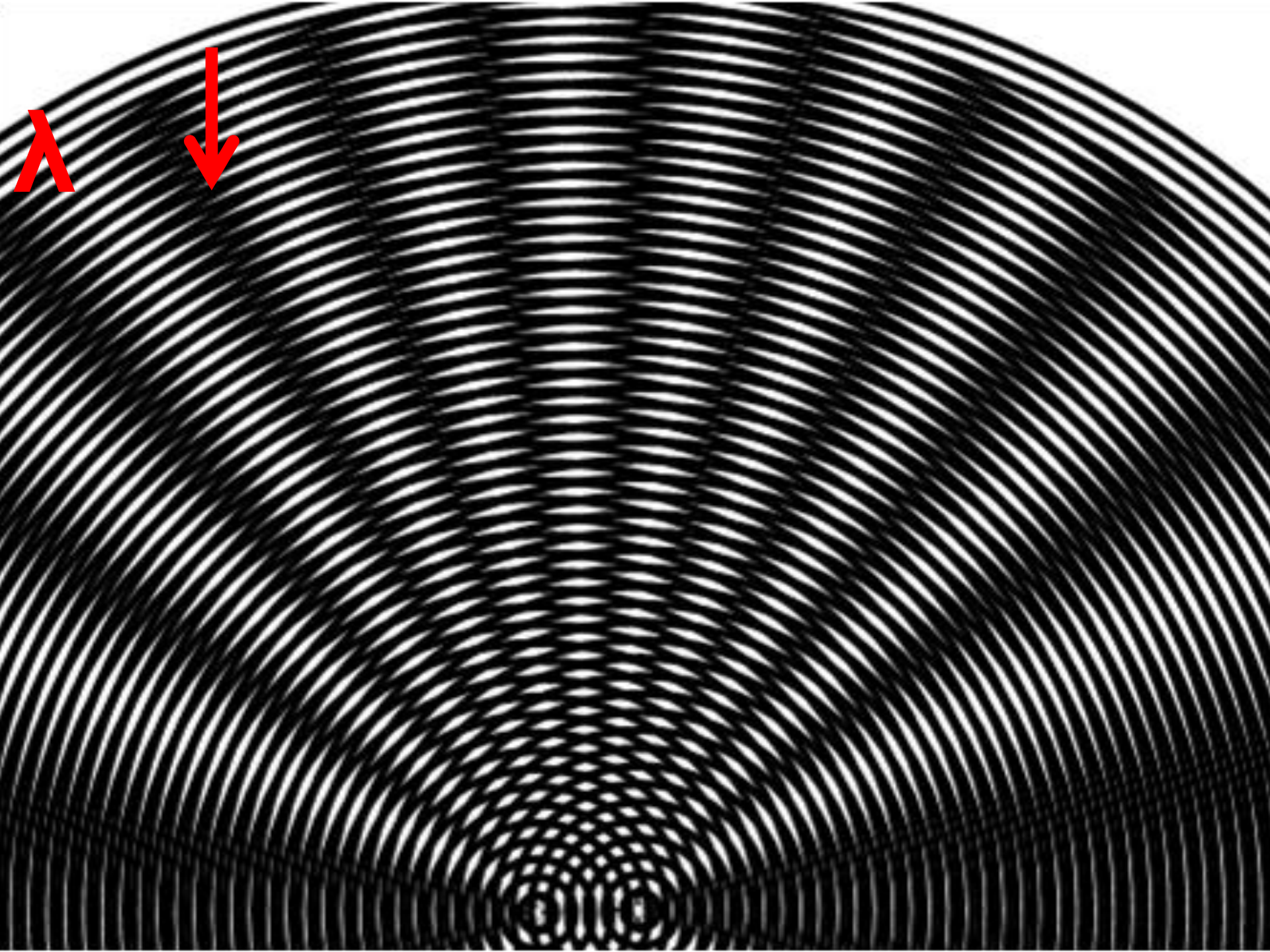
Summer 2009

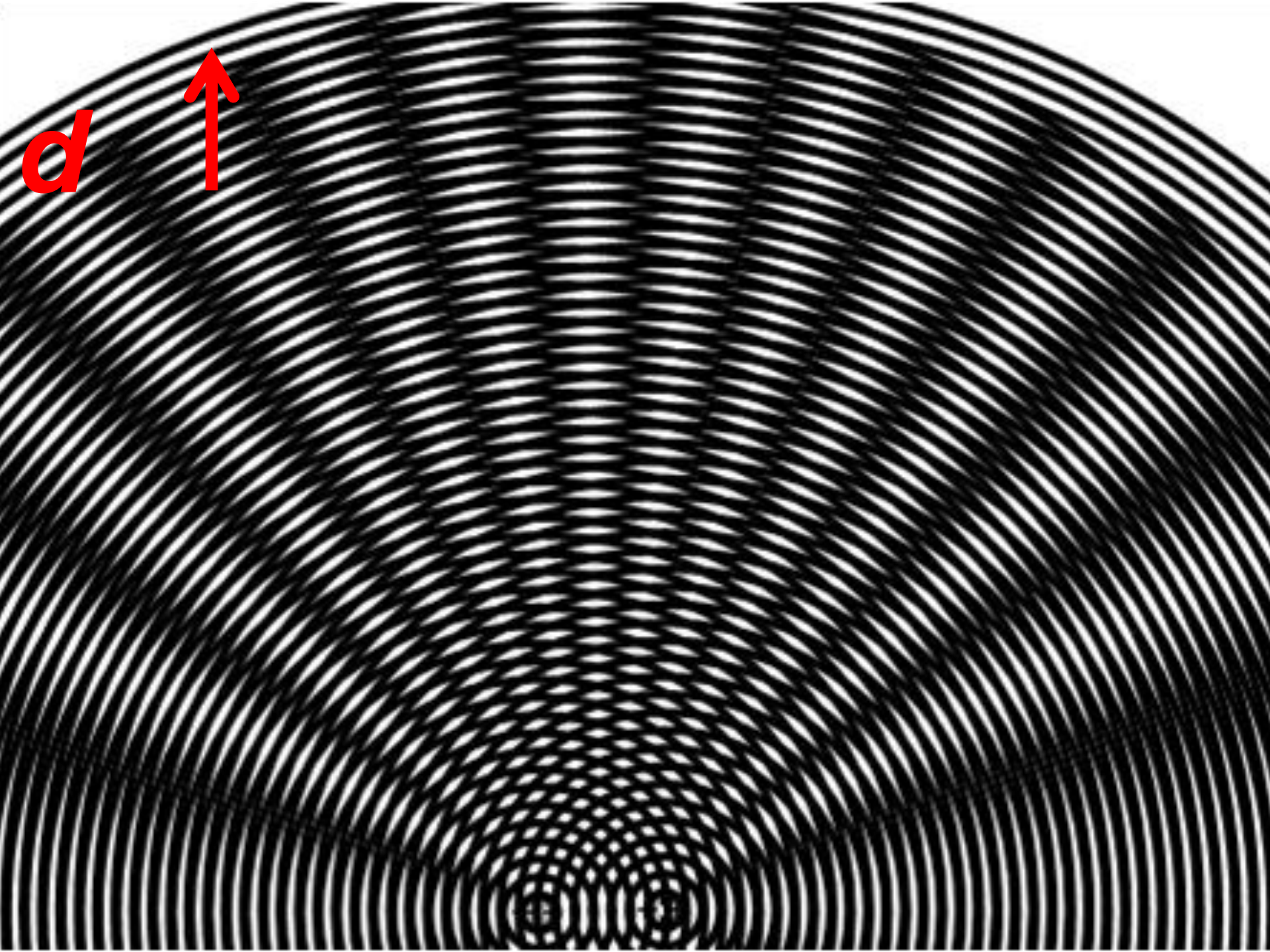
Diffraction Model













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S u m m e r 2 0 0 9

L a s e r F e s t



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S P S I n t e r n s h i p

S u m m e r 2 0 0 9

T h a n k s !

- 
- 
- Gary White , Jack Hehn ,
Kendra Rand , Tom Olsen ,
and SPS
 - Dr. Becky Thompson - Flagg
(my wonderful mentor) ,
Chris Discenza , Mike
Lucibella , Nadia Ramlagan ,
and APS
 - All the interns

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