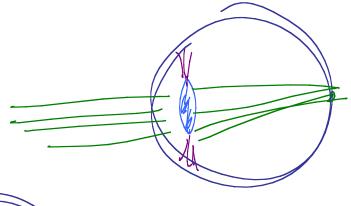
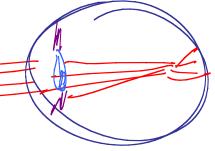
## 11/21/12 Phys 1120-4

Note Title 11/21/2012

Longes

Neavsightedness Myopha, Hyperopha





Such a person can focus objects at a distance d. (Far point)

Strategy

Take  $S = \infty$ S= -d DNov57

Another problem Mornal eyeb al Farsightedners can't handke Prusbyopia 5 < 25 cm ( near point) as close as d Can see things Strategy: Object is at 25 mm. 2 25 cm

25 cm (-1) = diopter

J>25 m f>0 Convex Chap '32 Interference l'Diffraition Ware nature of light Recall wares from 2110 Constructor

Destructue interference Normally light

is: Not monochromatic Bits of light not in

Laser light is cohord

To experients

Where sometimes

has anst inter

destructions.

We'hold back part
Was cancel or ad

If we hold one ware back by integer Ht wavelengths, still in phase constructive hold om ware bach 2, 32 5 half 2 620 H of wavelengths, destructive + \

le-5/it EXP Dark
e Light Light Was are full & afferent. Construct
Dah
One was is hold is a behand
other

Same phase Light

More to Comme...