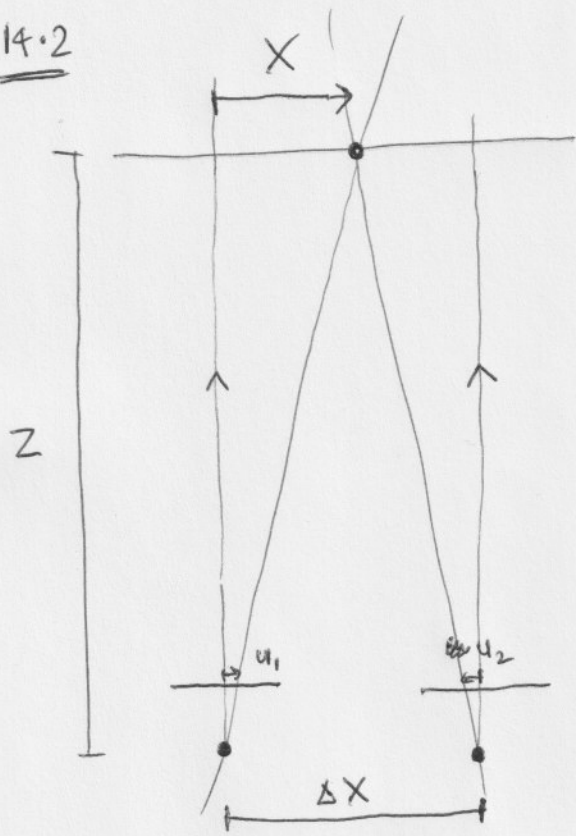


14.2



$$u_1 = f \frac{X}{Z}$$

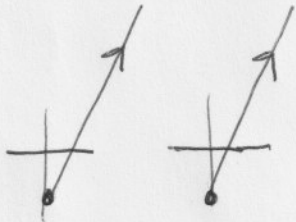
$$u_2 = f \frac{X - \Delta X}{Z}$$

$$u_1 - u_2 = f \frac{\Delta X}{Z}$$

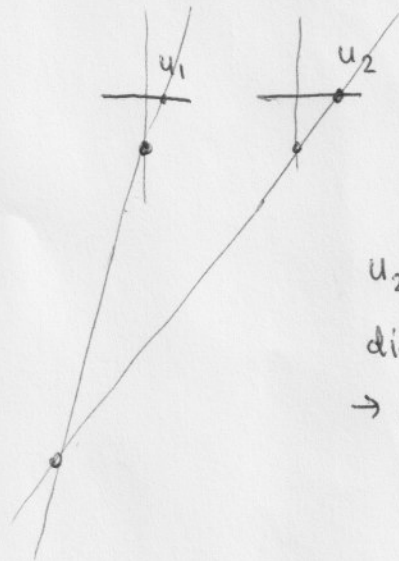
"disparity"  $\propto \frac{1}{Z}$  ↖ proportional to

$$Z = \frac{f \Delta X}{u_1 - u_2}$$

$X \uparrow \infty$



$X$  at  $\infty$ ,  
 $u_1 = u_2$   
 disparity  
 $= 0$



$u_2 > u_1$   
 disparity -ve  
 $\rightarrow$  not possible.