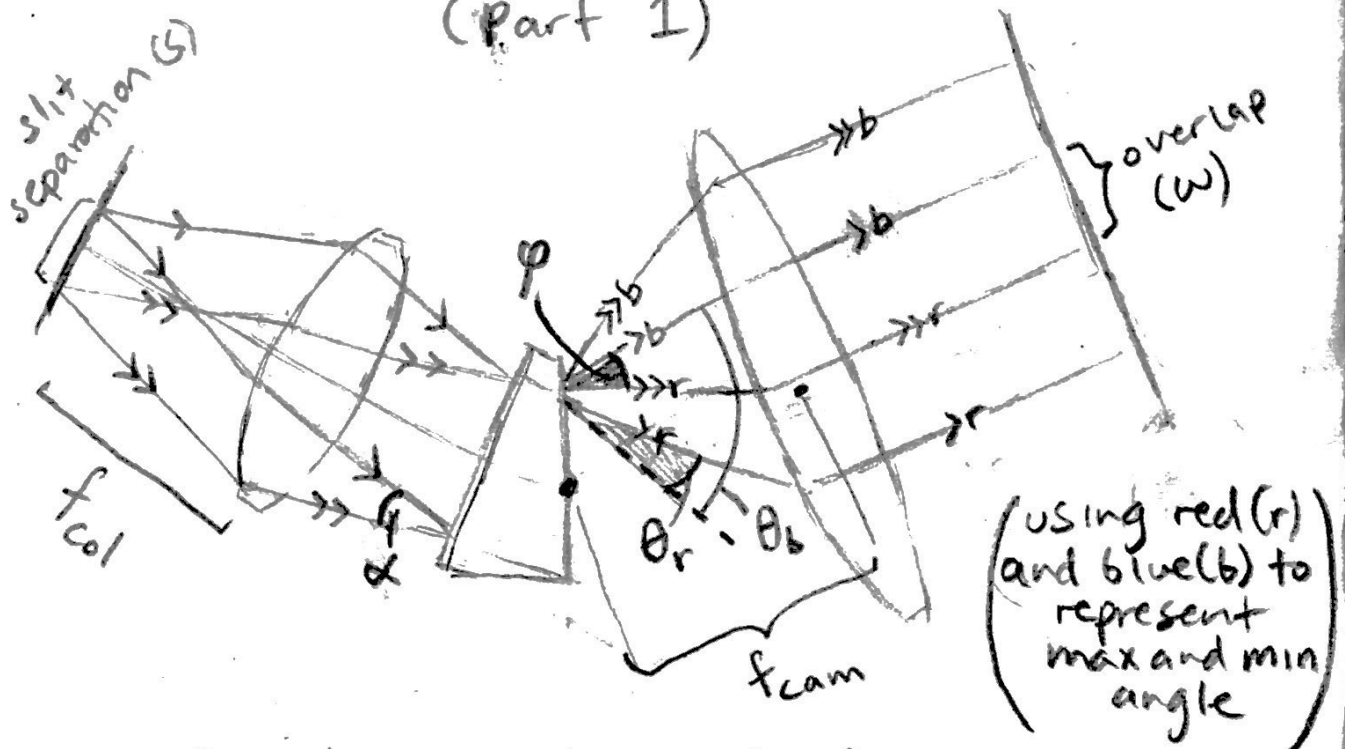


SURP Week 6

Preventing spectrum overlap (Part 1)



Goal: want to find a
function $w(s)$ and find
 s_{min} st $w(s_{min}) = 0$

Plan:

- ① find $\alpha(s)$
- ② find max and min diffraction angles (θ_b, θ_r)
- ③ find $\varphi(\alpha) \equiv b_r - b_b$ and find α_{min} st $\varphi(\alpha_{min}) = 0$