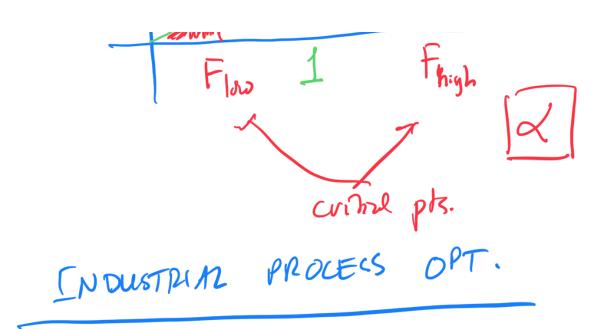
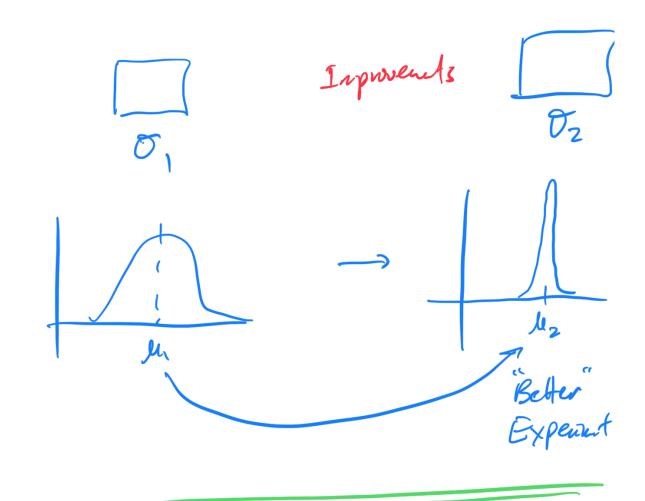
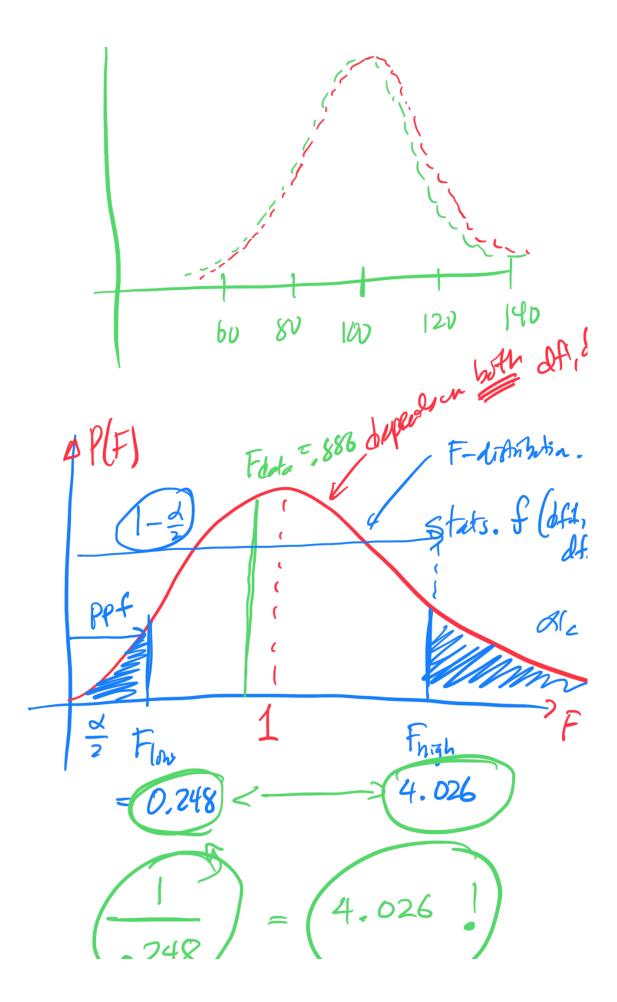
| | Physics 341 | - Lecture 18 |
|--|------------------|-----------------------|
| On paring two std. dev. to one another [F-test] | | |
| D-> Remainder of Assignment 4 | | |
| | Conpare Means | Compare Coff. dev. |
| Known O | 7 | χ^2 |
| Un known | t | ? |

$$\frac{1}{\sqrt{2}} = \frac{(N-1)(3)^2}{(5)^2} + \frac{1}{\sqrt{2}}$$

$$\frac{1}{\sqrt{2}} = \frac{(N-1$$







$$F = \frac{S_1^2}{S_2^2}$$



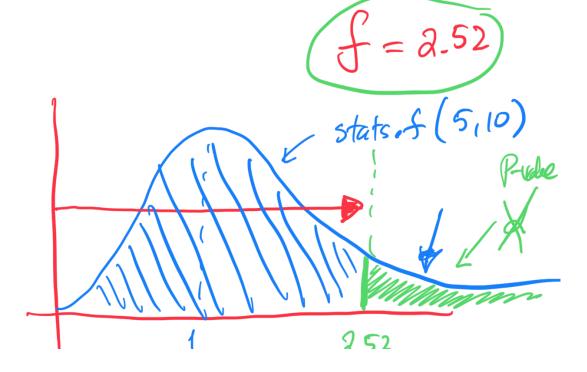
Overton 7 > Mechanis of foliabilities

(a)
$$8_1 = 5_1 8_2 = 10$$

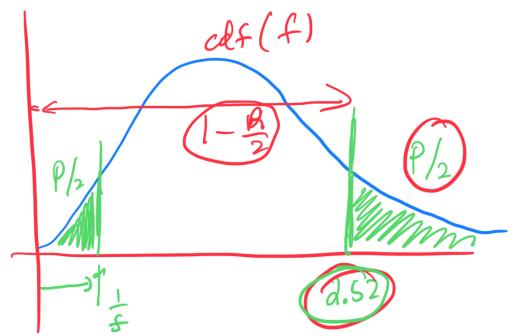
df:

 $4f_1$

" upper-taled lest"



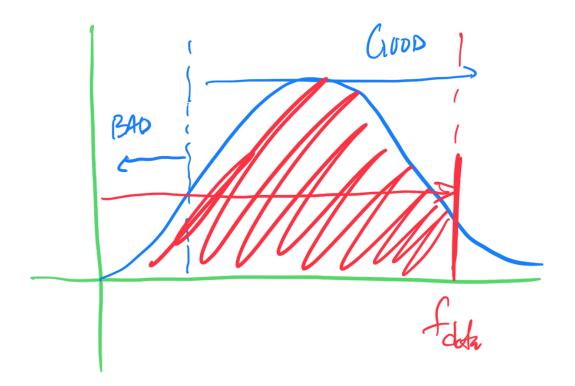
$$P = 1 - f.cdf(2.52)$$

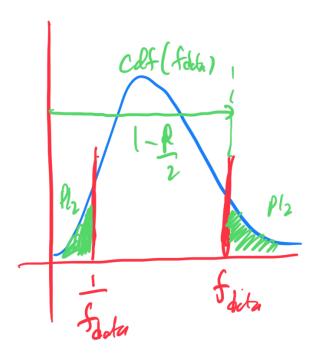


$$cdf(\frac{1}{f}) \quad 1 - \frac{p}{2} = 2 fdistocdf(f)$$

$$= \frac{p}{2} \quad p = 2 (1 - fdistocdf(f))$$

P=2*fdit.cdt(+)





P = 2(1- callfy

$$Cdf(f_{dube}) = \frac{P}{2}$$

$$P = 2 \approx cdf(4)$$

$$f_{duba}$$