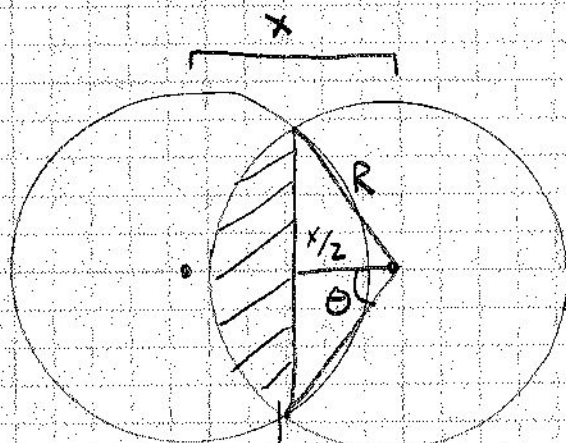


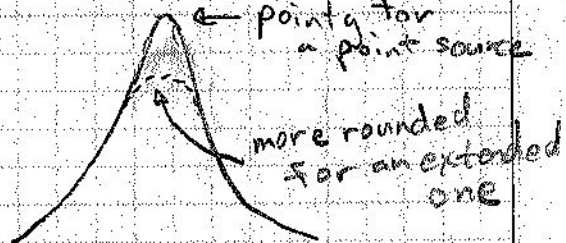
- 1) Find average from histogrammed data. Does their technique make sense? (Did they check the width?)
- 2) Rough error test, take $\frac{1}{2}$ width of peak & divide by $\sqrt{N}$ of events for error on average (Peak is not a gaussian)
- 3) Can they account for errors?
 - what are the pros & cons of having the tubes closer/farther from the source
 - did they suggest tests?
- 4) Did they do a rate calculation?
- 5) did they do a rough geometry analysis at least?
- 6) Was background noise significant?
 - accounted for?



Area of overlap ~

$$2(R^2\theta - SRx \tan \theta/2)$$

looks like



nominal

displaced

$\frac{1}{2}$ area of overlap