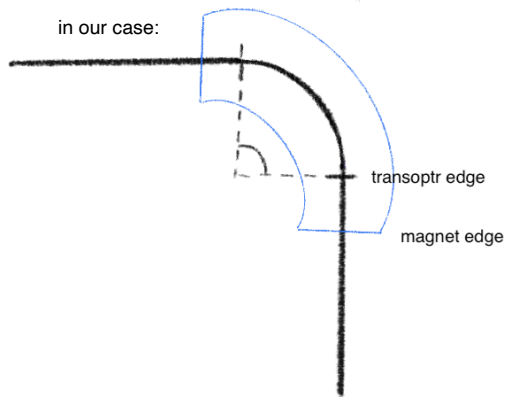
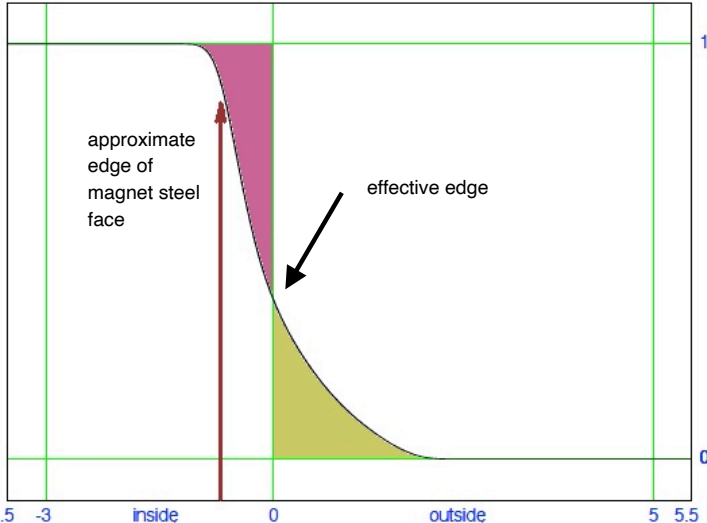


# Transoptr magnet "edge" definition

- NOT same as physical magnet edge



# Transoptr magnet “edge” definition



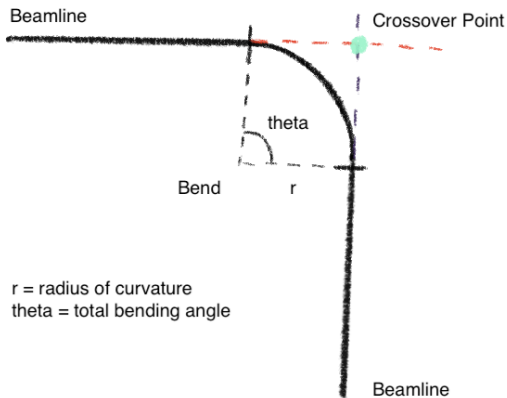
y-axis  
Units of peak field

“Idealizes” behaviour of  
particle in the bend:  
suddenly starts turning  
at  $s=0$   
BUT very good  
approximation

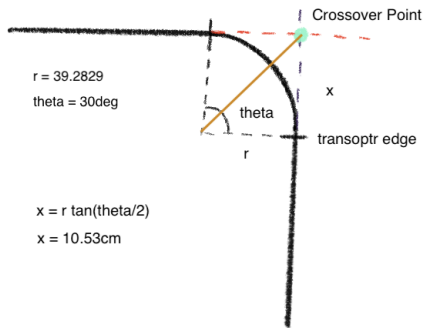
x-axis (s)  
Units of magnet gap

# Crossover Point

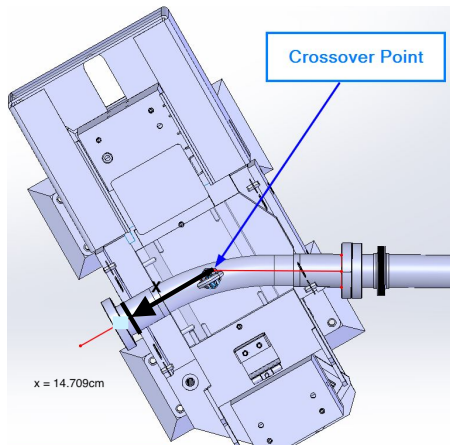
- Better to define distances wrt crossover point of magnet



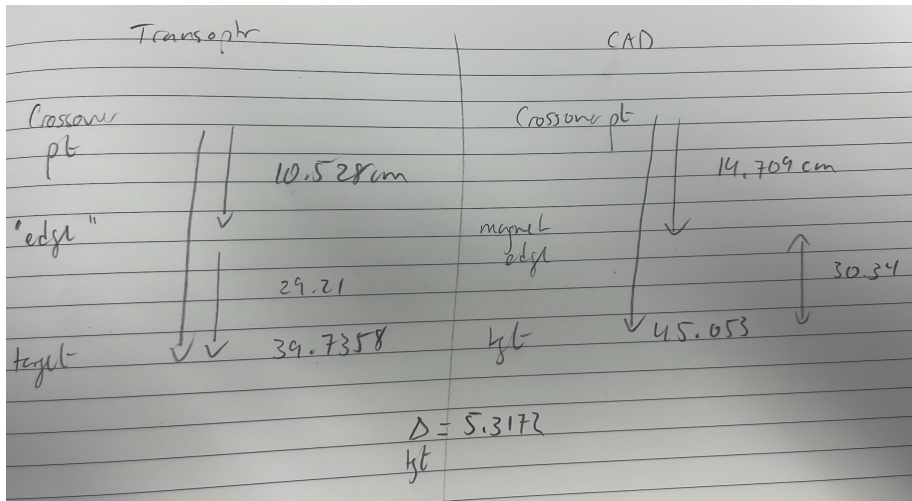
# Transoptr vs SolidWorks



(exaggerated angle for easier visuals)



## Difference in target location from crossover point



## Discussion

- ▶ Transoptr code to shift target by this 5.32 cm closer to the dump in addition to bellows change?