a 305 HWL (15: (Taylor expand) a) $x \approx 0$ y $\frac{(1-e^{-x})}{\chi(1+x^2)} \approx \frac{1-(1-x)}{\chi(1+x^2)} \approx \frac{1}{1+x^2}$ b) Yes, we can. We can approx the integral as x = 00 aka the integral 1 to get a close enough estimation for > d, So I think we should pick Acc as small as passible for an accurate estimation & since Dx constrains the error by the similar amount: Ax < 0.001. I don't know what's the most important thing is here but I guess I will try to minimize Ax beneath the error limit.

e, I pick $\lambda = 1.10^8$, Ax $\pm 1.00^8$ given integral