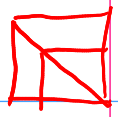
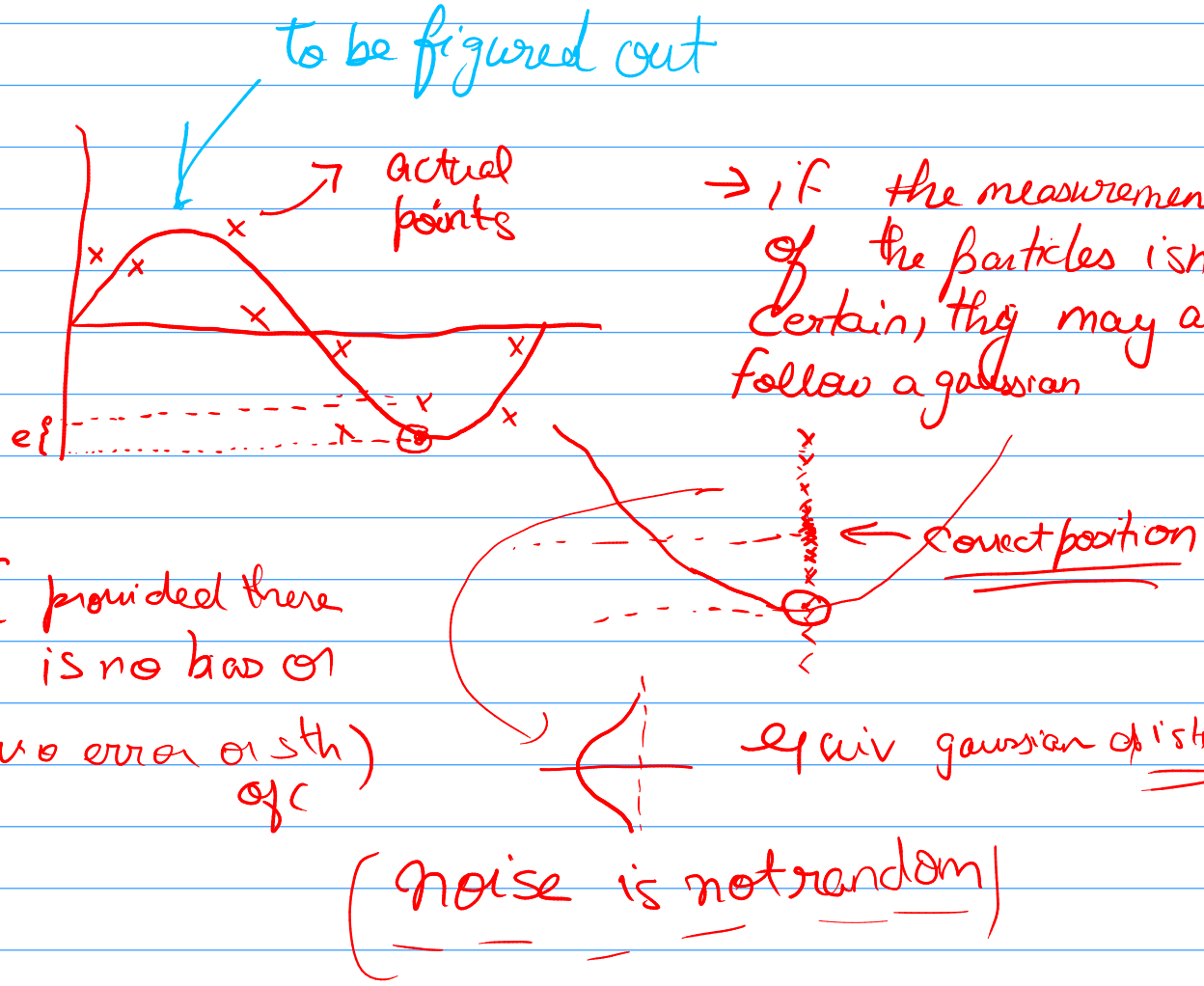
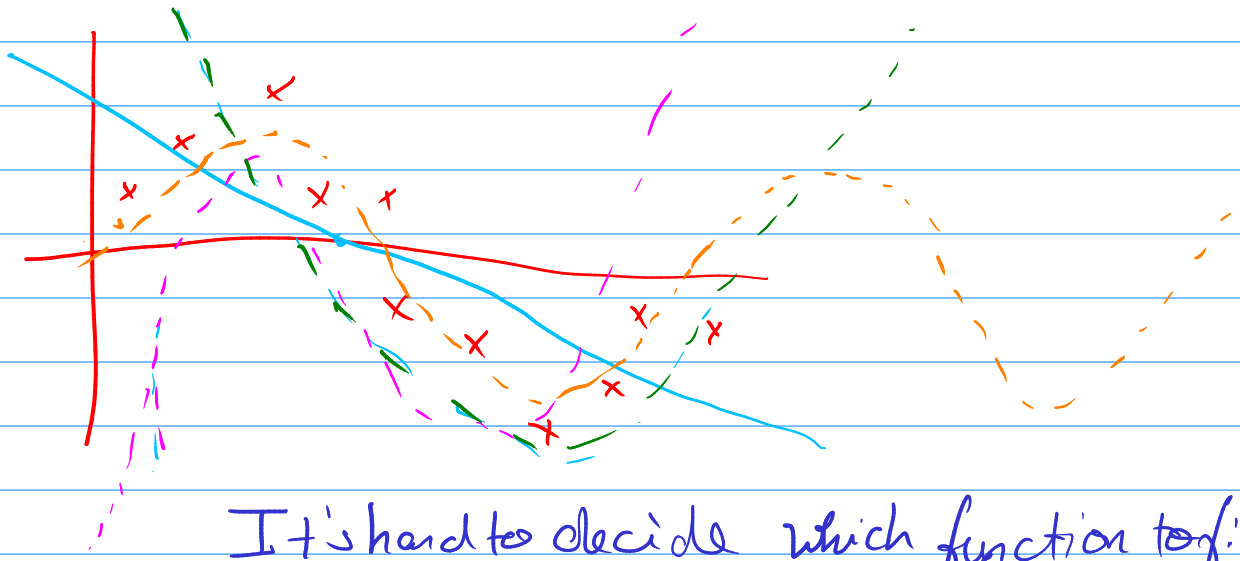
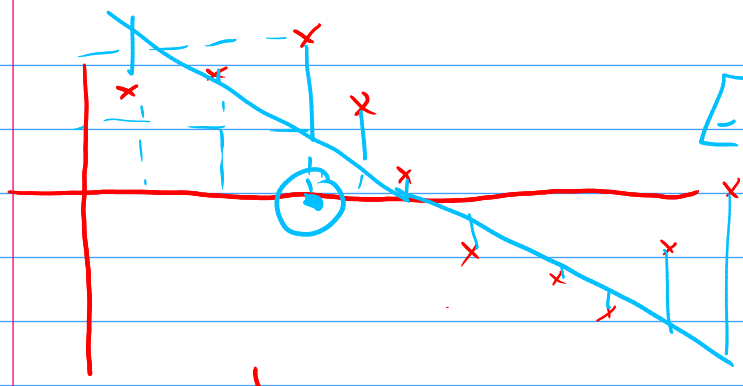






It's hard to decide which function to fit

But we can answer, given a property of the function eg. polynomial of deg 1: how to fit?



$y = w_0 + w_1 x_1$

$E(\odot) = ((w_0 + w_1 x_3) - t_3)^{y_3}$

but summing all this might cancel errors out

$E(\odot) = |w_0 + w_1(x_3) - t_3|^{y_3}$

Now we want to minimize $\sum E(i)$