

Section 9.3: cont'd

Wednesday, April 4, 2018 4:05 PM

assumptions:

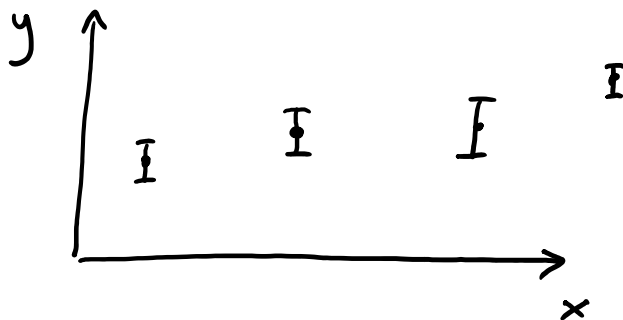
- you have a set of data in (x, y)
- there is no uncertainty in the x -value, so only the y -value has scatter
- there is a linear relationship between x and y :

$$y = mx + b$$

where m and b are determined by your fit.

in actual fact, your data could either include error bars/uncertainties in y :

$$(x, y, \Delta y)$$



σ , even

$(x, \Delta x, y, \Delta y)$

