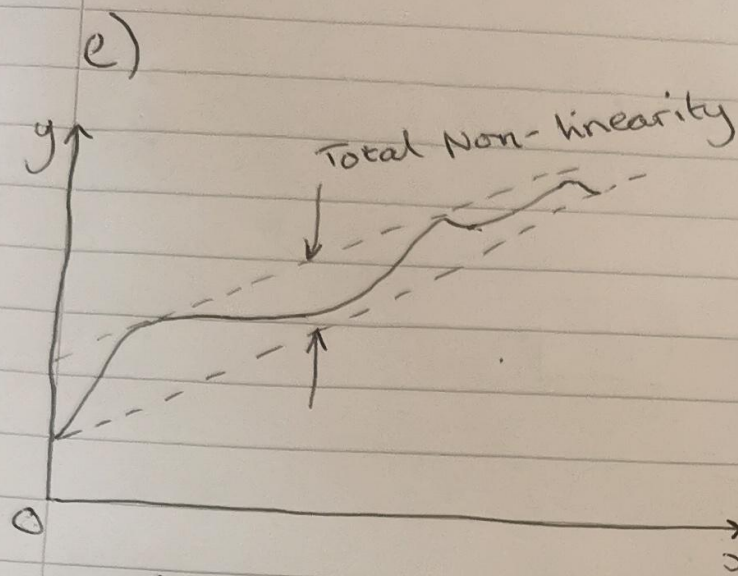


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$$\% \text{ linearity} = \left[\frac{\left(\frac{y_{\max}}{2} \right) - y_s}{\left(\frac{y_{\max}}{2} \right)} \right] \times 100\%$$

2. a) An open-loop system has no error signal to account for differences in output value compared to the desired output. i.e input value. Closed-loop has a feedback signal and measurement system/device as well as comparison element. Closed generator error is