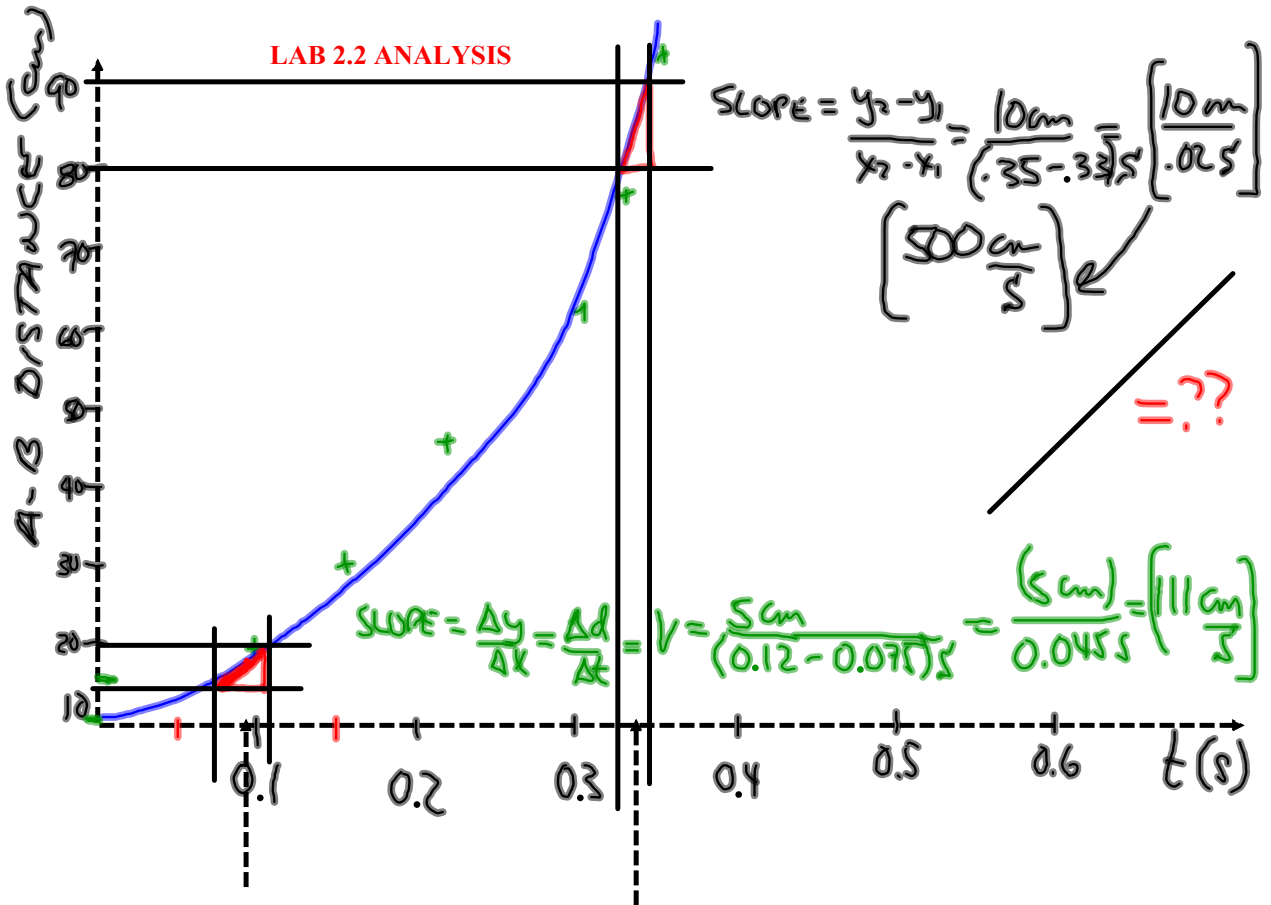
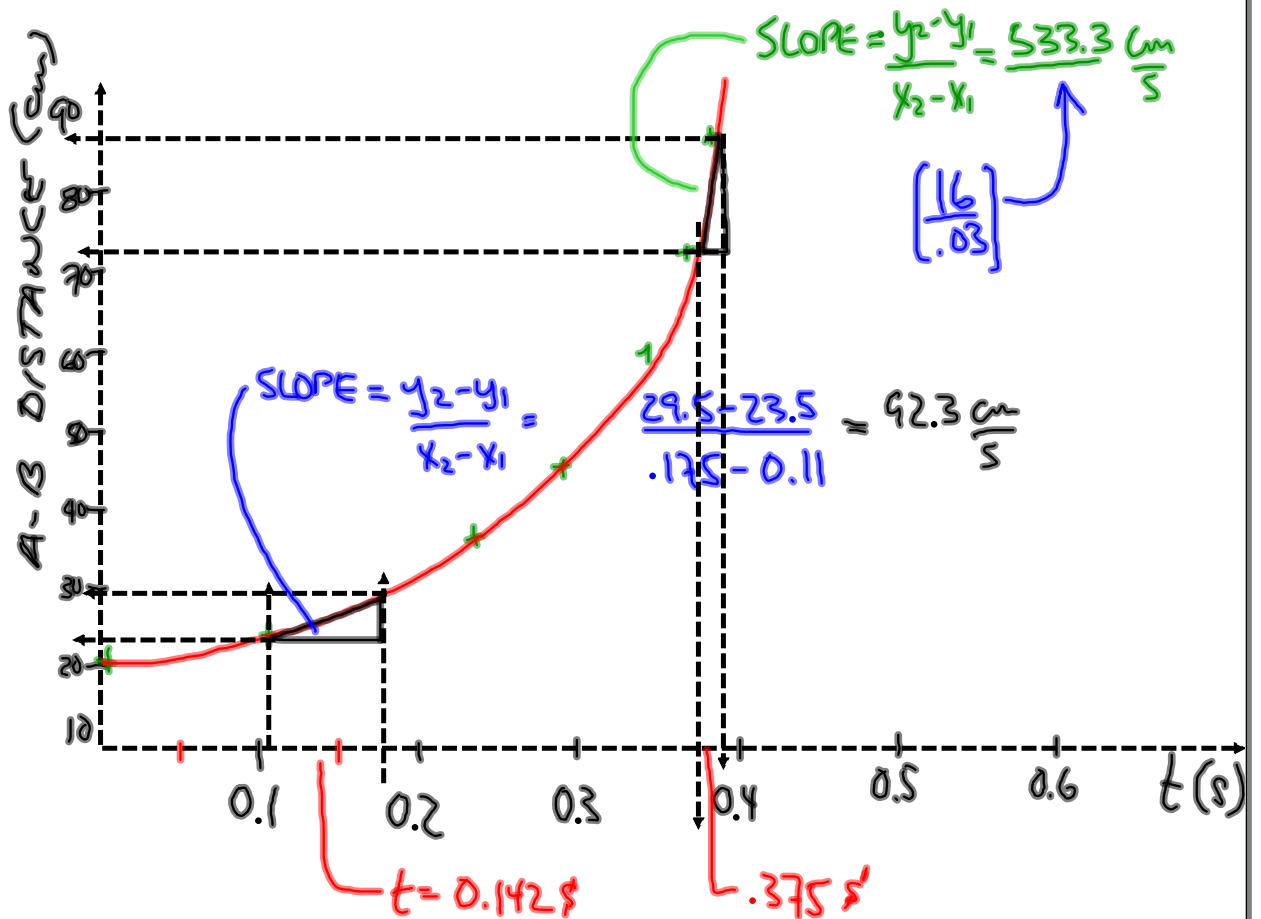


LAB 2.2 ANALYSIS



$$a = \frac{\Delta v}{\Delta t} = \frac{v_f - v_i}{\Delta t} = \frac{500 \text{ cm/s} - 111 \text{ cm/s}}{0.34 \text{ s} - 0.09 \text{ s}} = \frac{389 \text{ cm/s}}{0.25 \text{ s}}$$

$$\approx 1556 \text{ cm/s}^2 \Rightarrow 15.56 \text{ m/s}^2 \text{ !!!!}$$



$$a = \frac{\Delta v}{\Delta t} = \frac{v_f - v_i}{\Delta t} = \frac{(533.3 - 92.3) (\text{cm/s})}{(.375 - .142) (\text{s})} = 1092.7 \frac{\text{cm}}{\text{s}^2} \text{!!!!}$$