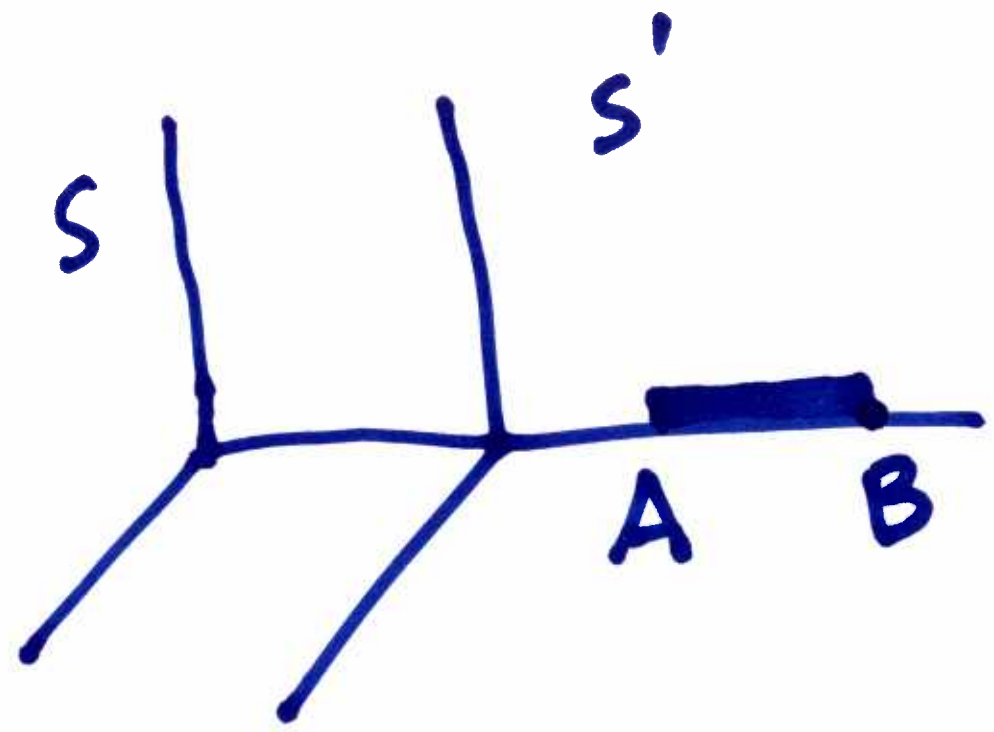


100-21000
LEC 6-Repeat
13-6-12



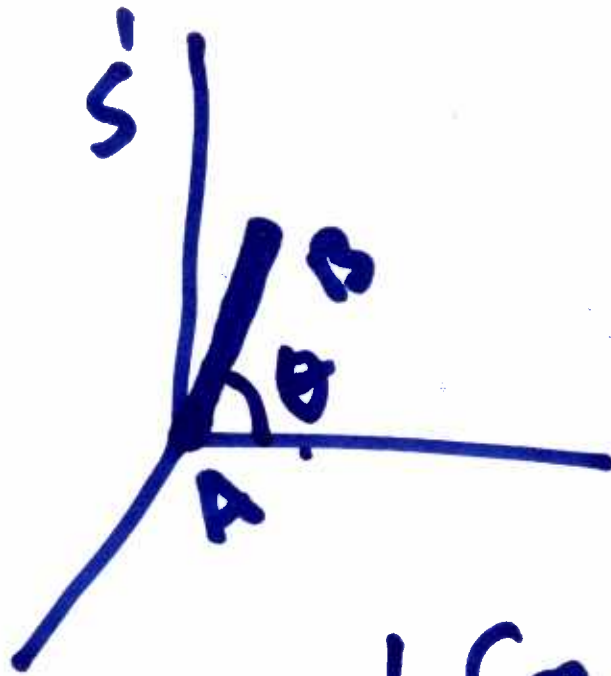
$$x' = \gamma(x - vt)$$

$$y' = y$$

$$z' = z$$

$$t' = \gamma\left(t - \frac{vx}{c^2}\right)$$

$$\gamma = \frac{1}{\sqrt{1 - \frac{v^2}{c^2}}}$$



$$1 \cos \theta = \frac{1}{2} \text{ m}$$

$$1 \sin \theta = \frac{\sqrt{3}}{2} \text{ m}$$



