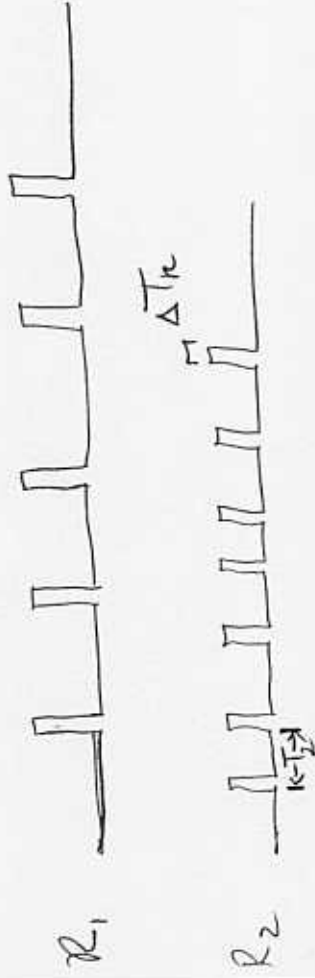


Possibility of viewing accidental overlaps between two signals



overlap = $R_1 \times$ fraction of time which R_2 is active

$$= R_1 \left(\frac{\Delta T_R}{T_2} \right) = R_1 R_2 \Delta T_R \quad \leftarrow \text{probability}$$

$$\Rightarrow \text{overlap} \sim \frac{130}{\text{sec}} \times \frac{130}{\text{sec}} \times \left(\frac{1}{50} \right) \text{sec} = 300 / \text{sec} \text{ accidental overlap}$$

1 m² detector (2 computers)

$$\Rightarrow \text{overlap} \quad \frac{60}{\text{sec}} \times \frac{60}{\text{sec}} \times 20 \times 10^{-9} \text{sec} = 72 \times 10^{-6} / \text{sec} \quad \left(\frac{\text{GPS}}{\text{or canal}} \right)$$