

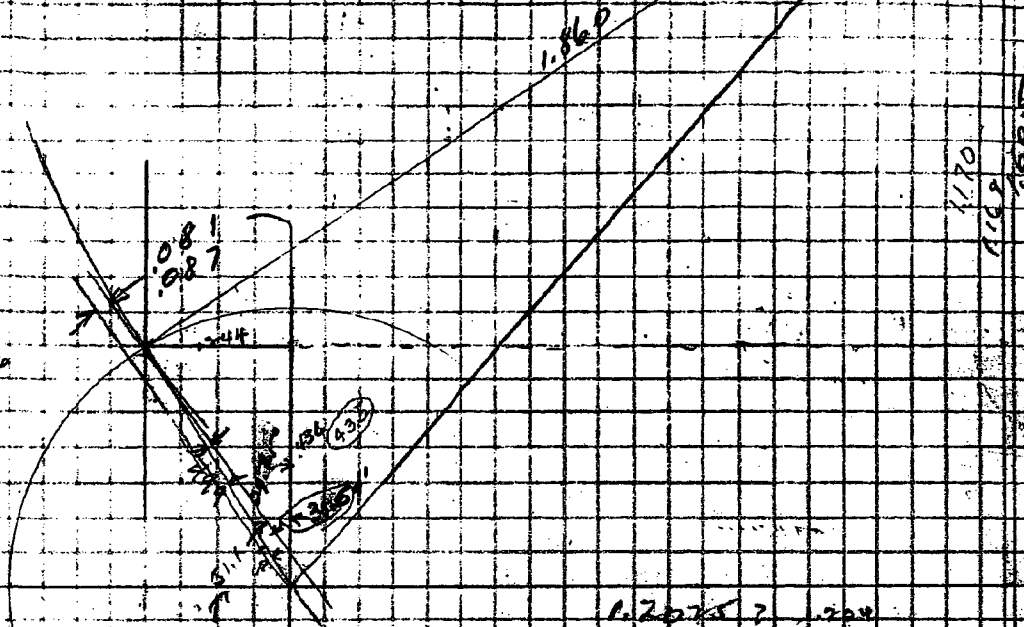
60

DATE

3-13-46

SUBJECT OF EXPT.

E ptroction cam



$$\sin 31.1^\circ = \frac{.778}{.81} = \frac{.242}{.81}$$

$$x = .311$$

$$x = .316$$

$$\begin{array}{r} 38.9 \\ 29.25 \\ \hline 9.65 \end{array}$$

$$\begin{array}{r} 1.2025 \\ 1.1719 \end{array}$$

$$\sin 16.74^\circ = \frac{.499}{.81} = \frac{.480}{.81}$$

$$x = 79.15^\circ$$

$$2.9 - 1.6 = 1.3$$

$$\sin 39.15^\circ = \frac{.44}{.81} = \frac{.56}{.81}$$

$$x = 436$$

$$\begin{array}{r} 38.9 \\ 29.25 \\ \hline 9.65 \end{array}$$

$$\begin{array}{r} 1.2025 \\ .244 \\ \hline 1.4465 \end{array}$$

$$\begin{array}{r} 1.665 \\ .449 \\ \hline 1.216 \end{array}$$

$$\sin \theta = \frac{1.240}{1.86} = \frac{x}{1.86}$$

$$x = 1.448$$

$$\sin \theta = \frac{1.4465}{1.86} = .778$$

$$\theta = 51.7^\circ$$

$$\sin 9.44^\circ = \frac{x}{.449} = .169$$

$$x = .0863$$

$$x = .0863$$

$$\begin{array}{r} 1.445 \\ .449 \\ \hline 1.20 \end{array}$$

$$\sin \theta = \frac{1.4465}{1.169} = 1.236$$

$$\theta = 51.7^\circ$$

$$\frac{x}{1.65} = 1.235$$

EXPERIMENTER

WITNESS

DATE

DATE