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DATE

10-22-45

SUBJECT OF EXPT.

New section part of extraction came out too narrow
as per request of engineering.

1.390

2.072

1.112

.680

1.392

1.312

.080

70° 11'
3507

$$.76 = \frac{1.361}{1.791} = \cos A$$

$$A = 40^{\circ} 34'$$

$$\tan x = .855 = \frac{x}{1.361}$$

$$x = 1.165$$

$$\sin A = \frac{x}{(1.13) \times .97} \sqrt{2.195(1.624)(1.05)(2.45)}$$

34° 11'

$$\frac{1.712}{x} = \cos 34^{\circ} 11' = .825$$

$$= .8005$$

$$A = 40^{\circ} 13'$$

$$\frac{3.1716}{5.60} = .566$$

$$\frac{2.072}{1.392} = \frac{1.112}{1.361}$$

$$\frac{34^{\circ} 11'}{943} = \frac{43^{\circ} 25'}{1930}$$

$$\sin 43^{\circ} 25' = \frac{x}{1930} = .69$$

$$1.328$$

$$\sin x = \frac{1.43}{1.351}$$

$$x =$$

$$27^{\circ} 39'$$

EXPERIMENTER

WITNESS

DATE

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