## Schiefe Ebene

1. 
$$\overline{+}_{H} = \overline{+}_{G} \cdot \sin(\alpha)$$
 1.  $\overline{+}_{N} = \overline{+}_{G} \cdot \cos(\alpha)$ 

1. 
$$\overline{+}_{N} = \overline{+}_{6} \cdot \cos(\alpha)$$

1	T <sub>e</sub>	α	Ŧ,	Ŧ <sub>n</sub>
	25N	30°	12,51	21,65N
	15N	41,81°	10 N	11,18 N
	20N	41, 410	13,23N	15N
		33, 63°	10N	15 N
		}		

$$S_{\bullet}^{\bullet} \mathsf{U}(x) = \frac{\pm^{\bullet}}{\pm^{\bullet}}$$

$$Sin(x) = \frac{\overline{+}_{4}}{\overline{+}_{6}}$$

$$2.\overline{+}_{6} = \frac{\overline{+}_{1}}{\cos(x)}$$

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$$\frac{\overline{f}_{t}}{\sin(\alpha)} = \frac{\overline{f}_{t}}{\cos(\alpha)}$$

$$f = \frac{F_{N}}{\cos(\omega)}$$
:  $F$ 

$$\frac{\pm_{H}}{\sin(\omega) \cdot \pm_{N}} = \frac{\cos(\omega)}{\sin(\omega)} \cdot \sin(\omega)$$

$$\frac{\overline{+}_{H}}{\overline{+}_{N}} = \frac{\sin(\alpha)}{\cos(\alpha)}$$

$$\frac{10N}{15N} = \tan(\alpha)$$

$$Sin(x) = \frac{Ggenk.}{Hypotenus}$$

$$\cos(\alpha) = \frac{Ank}{Aypotonuse}$$

3. 
$$\frac{T_{n}}{\sin(\alpha)} = \frac{T_{n}}{\cos(\alpha)}$$

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$$\frac{T_{n}}{\tan(\alpha)} = \frac{A_{n}}{\cos(\alpha)}$$

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$$\frac{T_{n}}{\tan(\alpha)} = \tan(\alpha)$$

