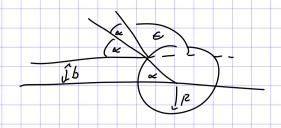


Exercise 2:



$$\Rightarrow \left(\frac{d\sigma}{ds}\right) = \frac{6}{\sin 6} \left| \frac{ds}{d6} \right|$$

$$= \frac{\Omega^{2}\cos\left(\frac{\pi}{2}G\right)}{2\cdot\sin^{2}G} + \frac{1}{2}\sin^{2}G\left(\frac{\pi}{2}G\right)\cdot\frac{\pi}{2}$$

$$= \frac{1}{2}\sin^{2}G\left(\frac{\pi}{2}G\right)\cdot\frac{\pi}{2}$$

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$$= \frac{1}{2}\sin^{2}G\left(\frac{\pi}{2}G\right)\cdot\frac{\pi}{2}$$

Les handelt sich liebe um die Oberstäcke eine Chyel.

Gxeraise 3:

$$=\frac{v^2m^2}{2m}$$

$$\Rightarrow = \frac{1}{2} \times L^2 / \left[ L \right] = 1$$

Die Masse hat die Ginheit de Enogie: 7 bza. el.

De Inpule had itse die Muse Sadoble die Tilait de ting à! I sen el.

2)
$$\frac{2}{2}mv^{2} = \hbar\omega$$

$$\Rightarrow [m] = [m] \Rightarrow [t] = \int_{0}^{\infty} \int_{0}^{\infty} w. \frac{\pi}{ev}$$

$$v = \frac{s}{t}$$

$$z > [s] = \int_{0}^{\infty} \int_{0}^{\infty} av \frac{dv}{ev}$$
Autoase (1:

c-- e-+ y ist heire erlandte realle Doubtion, da für sie Eneric and Impuls whalteng richt gilt.

3.)