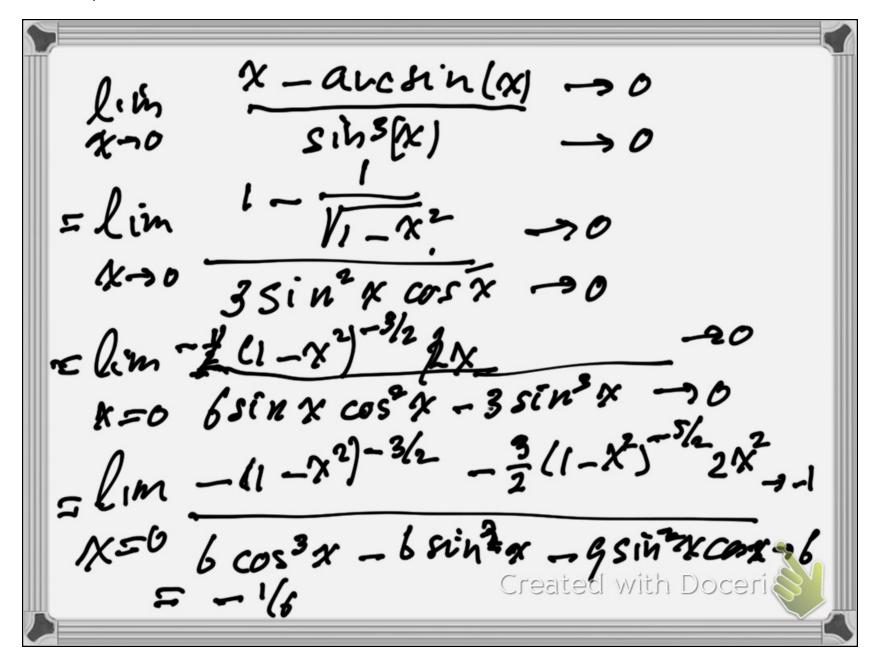
lim f(x) must be vatio

x-sa f(x)

must be in determinate al a Created with Doceria



Total diffeventials: erver estimates changes in compound quantities u= u(x, y, z, t) con veelige terms Created with Doceri

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$$dl = \frac{\partial f}{\partial x} dx + \frac{\partial f}{\partial y} dy + \frac{\partial f}{\partial z}$$

$$Civen \quad \omega = \int_{0}^{3} \frac{1}{2} dx + \frac{\partial f}{\partial z} dx$$

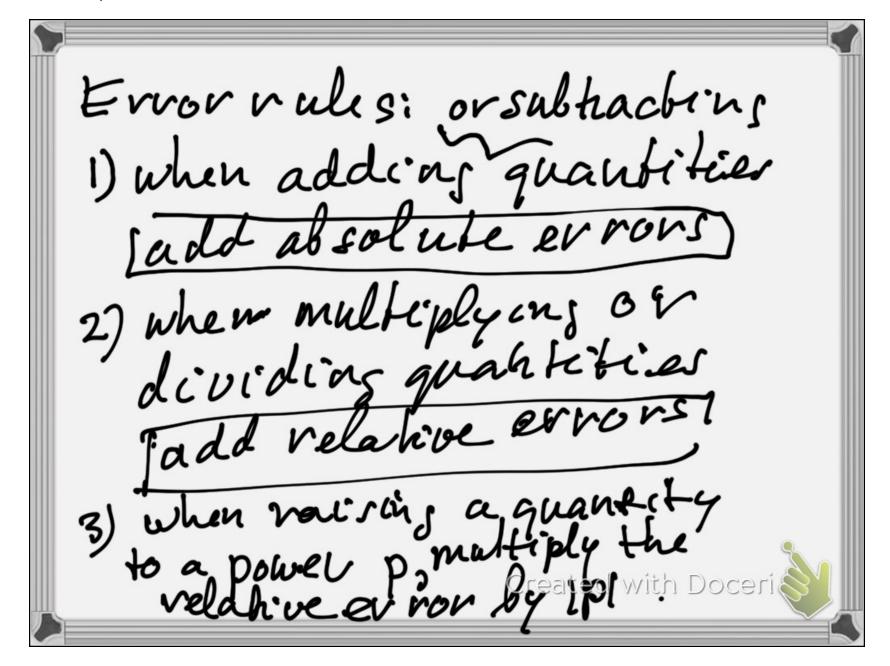
$$Civen \quad \omega = \int_{0}^{3} \frac{1}{2} dx + \frac{\partial f}{\partial z} dx$$

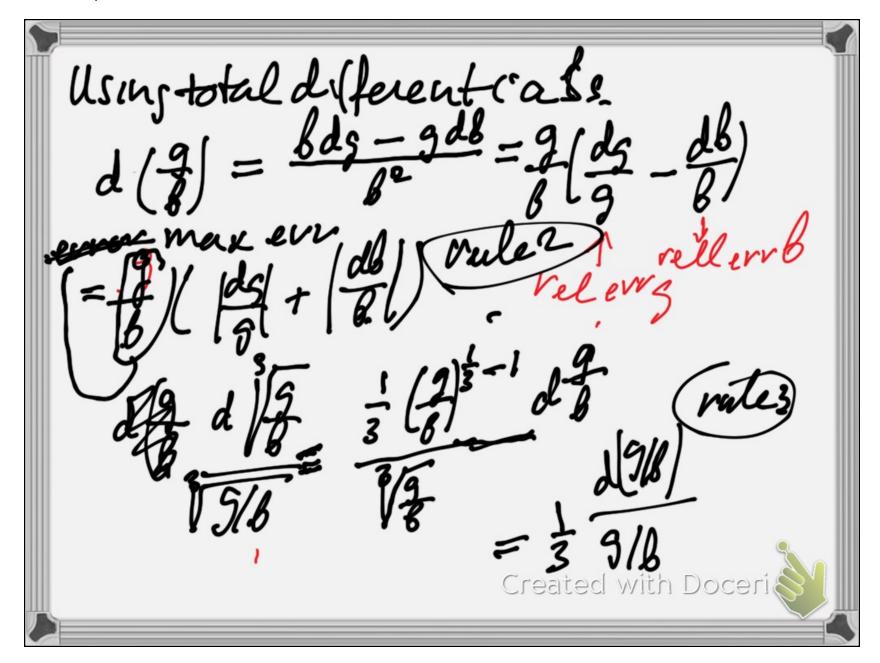
$$Civen \quad \omega = \int_{0}^{3} \frac{1}{2} dx + \frac{\partial f}{\partial z} dx$$

$$Civen \quad \omega = \int_{0}^{3} \frac{1}{2} dx + \frac{\partial f}{\partial z} dz$$

$$Civen \quad \omega = \int_{0}^{3} \frac{1}{2} dx + \frac{\partial f}{\partial z} dz$$

$$\int_{0}^{3} \frac$$





Siver valar ey lander <del>Ett</del>)

of vadius rct) and height

at siven time r=6" h=8" n=0.2"/s h=-0 Asked: at that time 1/2 A! Solution: N= TIR2h

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