$$m' = \frac{-1}{\cos(x)} + u \left( tg(x) - 2 \right)$$

$$homogen: n' \left( tg(x) - 2 \right)$$

$$\frac{u'}{u} = tg(x) - 2$$

$$log(u) = -log(\cos(x) - 2x + c - > u_{4} = Ce^{2x} \cdot \cos^{3}(x) = Ce^{2x} \cdot \cos^{3}(x) = Ce^{2x} \cdot \cos^{3}(x)$$

$$e^{2x} \cdot \cos(x) \left( u' + u(2 - tg(x)) \right) = -e^{2x}$$

$$e^{2x} \cdot \cos(x) \left( u' + u(2 - tg(x)) \right) = -e^{2x}$$

$$\left( e^{2x} \cdot \cos(x) \cdot u' + u(2 - tg(x)) \right) = -e^{2x}$$

$$\left( e^{2x} \cdot \cos(x) \cdot u' \right) = -e^{2x} / \int dx$$

$$e^{2x} \cdot \cos(x) \cdot u = -\frac{1}{2} e^{2x} + C$$

$$u = -\frac{1}{2\cos(x)} + \frac{c}{e^{2x} \cdot \cos(x)} = \frac{-e^{2x} + 2c}{2e^{2x} \cdot \cos(x)} \cdot \cot(x)$$

$$\frac{d}{dx} = \frac{1}{2e^{2x} \cdot \cos(x)} - \frac{2e^{2x} \cdot \cos(x)}{2e^{2x} \cdot \cos(x)} = \frac{2e^{2x} \cdot \cos(x)}{2e^{2x} \cdot \cos(x)} + \cos(x)$$

$$\frac{d}{dx} = \frac{1}{2e^{2x} \cdot \cos(x)} - \frac{2e^{2x} \cdot \cos(x)}{2e^{2x} \cdot \cos(x)} + \cos(x)$$

$$\frac{d}{dx} = \frac{1}{2e^{2x} \cdot \cos(x)} - \frac{2e^{2x} \cdot \cos(x)}{2e^{2x} \cdot \cos(x)} + \cos(x)$$

$$\frac{d}{dx} = \frac{1}{2e^{2x} \cdot \cos(x)}$$

Azt az

Gross hong-

vet, amit

ajunlott

El tudod

huldoni?