Questao 4

quinta-feira. 13 de maio de 2021 15:29

-> du=10x

 $\int x.\cos^2 x dx = x.\left(-\cos y(x)\right) - \int -\cos y \times dx$ 

Jx. conex de of coty kit of coty x dx ln/senx)

Jx, conec x dx = 2!(-conex) + ln/senx/

- Coly(x). 0( + ln/ sen x ) = 2

 $\left(-C_{\sigma}^{2}\left(\frac{1}{2}\right)\cdot\frac{1}{2}+\ln|\sin|\frac{1}{2}|\right)-\left(-C_{\sigma}^{2}\left(\frac{1}{2}\right)\cdot\frac{1}{2}+\ln|\sin|\frac{1}{2}|\right)-\left(-C_{\sigma}^{2}\left(\frac{1}{2}\right)\cdot\frac{1}{2}+\ln|\sin|\frac{1}{2}|\right)$ 

$$0 - (-1) - 1 \ln(2)$$

