13.2

37) Reverendo a integral temos:

(a)
$$\left(\int_{1+1}^{1} dt\right)_{i} + \left(\int_{1}^{1} \frac{dt}{t^{2}+1} dt\right)_{k}$$

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$$\boxed{I} : \left(\int_{0}^{\infty} \frac{1}{t^{2} \cdot 1} dt \right) i = \left[lm(t \cdot 1) \cdot i \right]_{0}^{1} = \left[lm(t \cdot 1) \cdot lm(0 \cdot 1) \right]_{1}^{1} = lm(t) \cdot i$$

$$\boxed{I} : \left(\int_{0}^{\infty} \frac{1}{t^{2} \cdot 1} dt \right) i = \left[lm(t \cdot 1) \cdot lm(0 \cdot 1) \right]_{1}^{1} = lm(t) \cdot i$$

$$= \left(\left(\frac{2t}{2+1} \right) \right) \left(\left(\frac{2t}{2+1} \right) \right) \left(\left(\frac{2t}{2+1} \right) \right) \left(\frac{2t}{2+1} \right)$$

=>
$$\left(\int_{0}^{\infty} \frac{2t}{t^{2}+L}\right) k = \left(\int_{0}^{\infty} \frac{1}{L} du\right) k = \left[\int_{0}^{\infty} L du\right] k = \left$$

$$\int_{1}^{2} \left(\frac{1}{t-1} + \frac{1$$