$$\int \frac{\cos 2x}{\operatorname{sen}^2 x \cos^2 x}\, dx =$$

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$$= \int \frac{\cos^2 x - \operatorname{sen}^2 x}{\operatorname{sen}^2 x \cos^2 x}\, dx = \quad \left(\begin{array}{l}\text{FORMULA TRIGONOMETRICA}\\ \text{DI DUPLICAZIONE!}\\ \cos 2x = \cos^2 x - \operatorname{sen}^2 x\end{array}\right)$$

$$= \int \frac{\cancel{\cos^2 x}}{\operatorname{sen}^2 x \cancel{\cos^2 x}} - \frac{\cancel{\operatorname{sen}^2 x}}{\cancel{\operatorname{sen}^2 x} \cos^2 x}\, dx =$$

$$= \int \frac{1}{\operatorname{sen}^2 x}\, dx - \int \frac{1}{\cos^2 x}\, dx =$$

$$= \boxed{-\operatorname{cotg} x - \operatorname{tg} x + k}$$
