

PREGUNTA 4 PRIMER EXAMEN. OSCAR RENATO GARCIA RESENDIZ 191008 7.-A

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$$\textcircled{4} \int (\sec x + \tan x + x^2) dx =$$

$$\int (\sec(x) + \tan(x) + x^2) dx = \sec(x) + \frac{x^3}{3}$$

$$\int \sec(x) + \tan(x) + x^2 dx$$

$$= \int \sec(x) + \tan(x) dx + \int x^2 dx$$

$$\int x^2 dx = \frac{x^3}{3}$$

$$= \sec(x) + \frac{x^3}{3}$$

$$= \sec(x) + \frac{x^3}{3} + C$$