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(131)

$$y = \tan x + \frac{2}{3} \tan^3 x + \frac{1}{5} \tan^5 x$$
$$y' = \frac{1}{\cos^2 x} + \frac{2}{3} \cdot 3 \tan^2 x \cdot \frac{1}{\cos^2 x} + \frac{1}{5} \cdot 5 \cdot \tan^4 x \cdot \frac{1}{\cos^2 x} = \frac{1}{\cos^2 x} [1 + 2 \tan^2 x + \tan^4 x] =$$
$$= \frac{1}{\cos^2 x} (1 + \tan^2 x)^2 = \frac{1}{\cos^2 x} \cdot \left(\frac{1}{\cos^2 x}\right)^2 = \frac{1}{\cos^6 x}$$