

Antiderivative of $\tan x \sec^2 x$

Session 38

a) $\int \tan x \sec^2 x dx = \int u du = \frac{1}{2}u^2 + C$

b) $\int \tan x \sec^2 x dx = \int v dv = \frac{1}{2}v^2 + C$

c) $|a - b| = \frac{1}{2}$