Tyra alma kwollan

•
$$f(x) = x_{\nu} \longrightarrow f(x) = \nu x_{\nu}$$

$$f(x) = e^{g(x)}$$

$$f'(x) = e^{g(x)}$$

$$g'(x)$$

$$t(x) = \sigma$$

$$t(x) = \lambda(x)$$

loparitmoner tures

$$f'(x) = \frac{g'(x)}{g(x)}$$

$$f'(x) = \frac{g'(x)}{g(x)} \cdot \log_{\alpha} e$$

· Triponometrik fontsiyonlory tirevi

$$0 f(x) = \sin g(x) \longrightarrow f'(x) = \cos g(x) \cdot g'(x)$$

$$0 f(x) = \sin g(x) \cdot g'(x)$$

$$0 f(x) = \sin g(x) \longrightarrow f'(x) = -\sin g(x) \cdot g'(x)$$

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$$0 \quad f(x) = \cos g(x) \longrightarrow f'(x) = -(1+\tan^2 g(x)). \quad g'(x)$$

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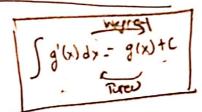
3
$$f(x) = \cot g(x) \rightarrow f'(x) = -(1+\tan^2 g(x))$$
. $g'(x)$

$$\left[\frac{f(x)}{g(x)}\right]' = \frac{f'(x).g(x) - g'(x).f(x)}{\left[g(x)\right]^2}$$

$$f(x) = |g(x)| \longrightarrow f'(x) = g'(x) \cdot \frac{|g(x)|}{g(x)}$$

integral alsoe Kwallers

O sabit saystern integrali Sadx = axt



O JX dx work olarle

$$\int x^{2}dx = \frac{2}{2} + C$$

inst be orter alugar use del

Tes toponometrik integral

(Paronter ical 1. Sweller clanal)

$$\int (\alpha x + b)^n dx = \frac{(\alpha x + b)^n}{(\alpha x + b)^n} + C$$
Tight

$$\int \frac{1}{\sqrt{1-(axb)^2}} a_{x} = \frac{acsin(axb)}{a} + C$$

@ ustel forksyphorn integrali

$$\int e^{ax+b} dx = \frac{ax+b}{a} + C$$

(פ'מה שנט siderece ten)

Kumi Integral

her Hydlaiz basing bulunal ya de corin durmunda ikisi. birlikk buluncela

Triponometrik integral kwallers

1.adm integral U ve Iv clarate 2 ye ayrılır

LAPTU raye u derikazene àce geleru

= X = - C + C

$$0 \int \left[1+ \log^2 \left(ax + b\right)\right] dx = \int \int \int \int \left(ax + b\right) dx = \int \frac{1}{\cos^2 \left(ax + b\right)} dx = \frac{\int \int \int \left(ax + b\right)}{a} + c$$