

Bevis av huwudsecten Floride The sasson The same T
Fölicksats Låt G. vare en primier funkeson etil f. dus C=f Då år {frouse+G(s)-C(s)} Bevis d=[F-C_1)=G+O F-G=C (kinstane) G=F-C G(b)-G(a)=F(b)-C-F(a)-C)=F(b)-F(s)=F(b)-O=} frouse Ex {xie dx fie'd = dx (F(x))=F(x))=F(x)/2x-F(x)= e^2/2x-e^2 dx {sin ede = Sin x' dx {e'd = dx (F(x))=F(x))=F(x)/2x-F(x)= e^2/2x-e^2 Primitiva funktioner Six dx = arcean x-C Six dx = arcsnx - C Six dx = bracker arcsnx - C Six dx =
Let G vare en primitiv funktion till f, avs C=f Dt ar \$ftwar (no) (ca) Bevis
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dx (F-(γ)=ff0) F(b)-(-(f(ω)-())=F(b)-F(ω)=F(b)-O=] feed to
F-G: C (konstant) C7=F-C, (16)-C1(a)=F(b)-C-(F(c)-C)=F(b)-F(a)=F(b)-F(a)=F(b)-C=\frac{3}{2}\cdot \cdot \cd
(b) - (-(a) = F(b) - (-(F(a) - c)) = F(b) - F(a) = F(b) - O = \frac{1}{2} \text{ few de} Ex \[\begin{align*} \frac{1}{2} \cdot \cdot \cdot \cdot \cdot \frac{1}{2} \cdot \cdot \cdot \cdot \frac{1}{2} \cdot \cdot \cdot \frac{1}{2} \cdot \cdot \cdot \frac{1}{2} \cdot \cdot \cdot \cdot \frac{1}{2} \cdot \cdot \cdot \cdot \frac{1}{2} \cdot \
Ex [x+e' dx: $\frac{x}{2}$ · e' [: $\frac{1}{2}$ · e' ($\frac{1}{2}$ · e') = $\frac{1}{2}$ · e' - $\frac{1}{2}$ · e = $\frac{3}{2}$ · e' e $\frac{d}{dx} \int_{0}^{x} \sin^{2}t dt = \sin x^{2}$ $\frac{d}{dx} \int_{0}^{x} e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot F(x) = e^{x} 2x \cdot e^{x}$ Primitiva funktioner $\int_{0}^{1} \frac{1}{1} dx = \arctan x + C$ $\int_{0}^{x} \frac{1}{1} dx = \arctan x \cdot C$ $\int_{0}^{x} $
$\frac{d}{dx} \oint Sin^{2}t dt = Sin X^{2}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot F(x) = e^{x^{2}} 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot F(x) = e^{x^{2}} 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot F(x) = e^{x^{2}} 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x)) = F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot e^{x^{2}}$ $\frac{d}{dx} \oint e^{i} dt = \frac{d}{dx} (F(x^{2}) - F(x^{2}) 2x \cdot$
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$S_{\frac{1}{11}} \stackrel{d}{=} dx = arctan X + C$ $S_{\frac{1}{11}} \stackrel{d}{=} dx = arcsin x + C$ $S_{\frac{1}{11}} \stackrel{d}{=} dx = arcsin x + C$ $S_{\frac{1}{11}} \stackrel{d}{=} dx = arcsin x + C$ $S_{\frac{1}{11}} \stackrel{d}{=} dx = arctan X $
$S \stackrel{\text{find}}{=} dx = \arcsin x + C$ $S \stackrel{\text{find}}{=} dx = \ln x = \lim_{n \to \infty} \frac{2n \times_n}{x \times 0} = \frac{d}{dx} \ln x = \frac{\frac{1}{2} (\frac{1}{2} \times_n^2) \times \frac{1}{2}}{x \times 0}$ $Partiel integration$ $(fg)' = f'g + fg' \Leftrightarrow f'g - (fg)' - fg' \Leftrightarrow f'g - f'g - fg' - $
Partiel integration (f3) = f'g+fg' & f'g-(f3)-fg' & Sf'gdx=fg-Sfg'dx Byt beleckninger
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(fg)'=f'g+fg' (=> f'g-(fg)'-fg' (=>)f'gdx=fg-Sfg'dx Byt beleckningar
71067 13 71307
$\frac{\mathcal{E}_{X}}{C}$
Sx Sinx dx = (-COSx)x-S(-cosx) 1 dx = -x cosx+sinx + C
\(\frac{\chi}{2} \frac{\chi}{4} \text{ dx = e^x x^2 - (e^x 2x - 5e^x 2 \text{ dx) = e^x x^2 - 2x e^x + 2e^x + c} \)
7 6