$\int \frac{x^3 - 2x + 7}{x^3} dx = \int \frac{x^3}{x^3} + \frac{2x}{x^3} + \frac{7}{x^3} dx + \int \frac{-2x}{x^3} dx + \int \frac{7}{x^3} dx = \int \frac{1}{x^3} dx = \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx = \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx = \int \frac{1}{x^3} dx + \int \frac{1}{x^3} dx $
$\frac{1}{2} = \frac{1}{2} = \frac{1}$
$\int \frac{\ln x}{x^2} dx = \int \ln x \cdot \frac{1}{x^2} dx = \int \frac{1}{\ln x} dx = \int \frac{1}{x^2} \ln x \cdot \left(-\frac{1}{x}\right) + \int \frac{1}{x} \cdot \left(-\frac{1}{x}\right) dx = \int \frac{1}{x^2} dx = \int \frac{1}{x^2} \ln x \cdot \left(-\frac{1}{x}\right) dx$
$) = \frac{1}{\sqrt{2}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{\sqrt{2}}}} \sqrt{\frac{1}{\sqrt{2}}} \sqrt{\frac{1}{$
$\ln x \left(-\frac{1}{x}\right) + \int \frac{1}{x^2} dx = \ln x \left(-\frac{1}{x}\right) - \frac{1}{x} + C$ per parts:
$\int u v = v v + v + $
substituce
$\int \frac{2x}{h+x^{2}} dx = \int \frac{2x}{h^{2}} \int \frac{4}{h^{2}} M = \int \frac{1}{h^{2}} \int \frac{1}{h^{2}} dx = \int \frac{1}{h^{2}} dx = \int \frac{1}{h^{2}} \int \frac{1}{h^{2}}$
1/4/2/2 2 2 2x 2x 1/2 2
1=1+x2
$\frac{1}{4x} = \frac{1}{4x}$
2X
philalist.
12 13 dx = 10 dx = 2 dx
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A B C dx= 7 M 3 -2 + 2 2+ C
$\frac{2}{(1+x)^3} = \frac{1}{(1+x)^2} + \frac{1}{(1+x)^2} + \frac{1}{(1+x)^3} = \frac{1}{(1+x)^3} \frac{1}{(1+x)^3$
(1+x) $(1+x)$ $+2$ $+1$
$2 \times = A \cdot (1+x) + B \cdot (1+x) + C + 2$ $1+x + (1+x)^{2}$
1 SQUARE =

$2 \times = A + A2x + Ax^2 + 13 + Bx + C$
$2x = 4x^2 + A2x + Bx + A + \beta + C$
χ^{-} $o=A$ $A=0$
$\chi^{1} \cdot 2 = 2A + B \rightarrow B = 2$ $\chi^{0} \cdot 0 = A + B + C C = +2$
X - 0 = 71+13+C
$\int_{-\infty}^{2} \frac{1}{x^{2}+2x^{2}+2} dx - 2 \cdot \int_{-\infty}^{1} \frac{1}{(x+1)^{2}+1} dx = 2 \cdot \int_{-\infty}^{1} \frac{1}{x^{2}+1} dx = 2 \cdot \operatorname{and}_{g}(x) + C$ $\int_{-\infty}^{2} \frac{1}{(x+1)^{2}+1} dx = 2 \cdot \int_{-\infty}^{1} \frac{1}{x^{2}+1} dx = 2 \cdot \operatorname{and}_{g}(x) + C$ $\int_{-\infty}^{2} \frac{1}{(x+1)^{2}+1} dx = 2 \cdot \int_{-\infty}^{1} \frac{1}{x^{2}+1} dx = 2 \cdot \operatorname{and}_{g}(x) + C$ $\int_{-\infty}^{2} \frac{1}{x^{2}+2x^{2}+2} dx = 2 \cdot \int_{-\infty}^{1} \frac{1}{x^{2}+1} dx = 2 \cdot \operatorname{and}_{g}(x) + C$
2-andy (x+1)+C
dx = 1 dA
$\int \frac{x-1}{x+1} dx = \int \frac{1-2}{x+1} dx = \int \frac{1}{6} \frac{1}{6} dx - 2 \int \frac{1}{2} dx = \left[x-2 \cdot \ln x+1 \right] = 0$
$(x-1): (x+1)=1-\frac{2}{x+1}$ $4-2\cdot \ln 5 - 0+2 \ln 1 = 4-2\cdot \ln 5$
$\int_{1}^{3} \int_{1}^{3} dx = 3 \cdot \int_{1}^{3} \int_{1}$
$\begin{bmatrix} -2 & \sqrt{2} & \sqrt{2} & \sqrt{2} & \sqrt{2} \\ \sqrt{2} & \sqrt{2} & \sqrt{2} & \sqrt{2} & \sqrt{2} \end{bmatrix} + \frac{2}{\sqrt{2}} = 0 + 2 = 2$
1 SQUARE =