May 13, 2016 Compuse 3 Gur + x (Gano + Garo) AF for = 0

Guo 2 - 1/1/1 + 2 22 [] [u(1+x) dx - 1 - 1/2 (1+x)

to dellerantiste wirit. U, v, reed to

differentiste w.r.t. $x = \frac{u+v}{2}$ and $y = \frac{v-u}{2}$?

then but y 20

So we can put y20 in Gas:

Guns /2 Guns /2 2

$$= \frac{1}{2} \int_{\infty}^{\infty} \left[-\frac{1}{2} \left(\int_{0}^{\infty} \ln \left((4\pi) \right) d\pi e \right) \right] =$$

$$= \frac{1}{2} \left[\frac{4}{x^{5}} \int_{0}^{\infty} \ln \left((4\pi) \right) d\pi e - \frac{\ln \left((4\pi) \right)}{x^{4}} \right] =$$

$$\int_{0}^{\infty} \ln \left((4\pi) \right) d\pi = \frac{\ln \left((4\pi) \right) \ln \left((4\pi) \right) - \left((4\pi) \right) + 1 =$$

$$= \frac{1}{2} \int_{0}^{\infty} \left[\ln \left((4\pi) \right) d\pi e - \frac{\ln \left((4\pi) \right) \ln \left((4\pi) \right) - 1}{x^{4}} \right] =$$

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$$= \frac{1}{2}$$

 $\frac{2(1+x)\ln(1+x)-2x}{3c^{5}}-\frac{1}{2}\frac{\ln(1+x)}{2^{2}}$

2 = 4 (h (1+x) + 4x h (1+x) - 4xc - xc h (1+xc) = x.5

= 1 4 h((+x) + 3 xh((+x) - 4x

$$\frac{1}{2} \frac{\ln(1+x)-x}{x^4}$$