

 $\int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}$   $\int_{x\to 1}^{\infty} \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}} = \frac{\int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}{\frac{1}{2} \int_{x\to 1}^{\infty} \frac{(x-1)^3 \ln(2x)}{2(x-1)^2 + 2y^2}}$ 

.: (puro lu = fun : lum, asuno que 7 lum (xx) -010)