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Intégrales · Corrigé parhel.
\overline{b} = \int \frac{\cos x}{1 + \sin x}
\sin x = u
\cos x dx = du
I = 5 clu = lulitul = lulit sensi) + c
 ∫ sin si da : forme ∫ - d ∫ sin x = - lu/ cos x ] + c
 \int \frac{ds}{\cos sx} = \int \frac{\cos sx ds}{\cos^2 x} = \int \frac{\cos sx ds}{1 - \sin^2 n} = \int \frac{du}{1 - u^2}
      = \int \frac{du}{h - u \mu r u} = \frac{1}{2} \int du \left( \frac{1}{1 + u} + \frac{1}{1 - u} \right) = \ln \left| \frac{1 + u}{1 - u} \right| + C = \ln \left| \frac{1 + s u u}{1 - s u u} \right| + C
    \int \sin^2 x \cos x \, dx = \int u^7 \, du = \frac{u^8}{8} + C = \frac{\sin^8 x}{8} + C
    ∫ cos² si sin² sidse = ∫ cos² x sin x sin xidse = ∫-u² (1-u²) du
                                                      à développer et primitiver.
                          -sinxdx =du
       \frac{e^{2t}}{-1+e^{r}} dt = \int \frac{u^2}{1+u} \frac{du}{u} = \int \frac{u}{1+u} = \int \frac{u}{1+u} = \int \frac{1}{1+u}
      e = 4
                             12+11 = 12+11 = 1 - 11(uti) = 1 - 1+11
     du=etalt
     t=lnu dt= du
         = u-lu|1+u|+C = e - lu|1+e + |+C
       J Vx (Arx)
                               = \int \frac{2 \landa \text{2 \landa \text{4 \landa \text{1}}}{\text{4 \landa \text{1}}} = \left[ 2 \text{At \landa \text{1}} \right] \frac{1}{2} = 2 \left[ At \text{13 - At 1} \right]
         Va=u o1=u
                                                                                 = 2(3 - 1/4)
          da = 2udu
                                                                                =\frac{2\eta}{12}=\frac{\pi}{6}
       \left(\frac{2i-i)(x+i)}{x}\right)
        \frac{\lambda}{(\lambda-1)(x^2r!)} = \frac{c_1}{\lambda-1} + \frac{b\lambda t}{\lambda^2+1}
                                                              a= 1 b= -1 c= 1
                      J (31-1(x2+1) = 1/2 lu | 31-1 | - 1/4 ) 231 + 1/2 dx
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