## Leonardo Faria Araujo

P1 x3 (x2+3) 10 da
Px"-3x10 lt = 1.5 x11-3x10 lt -1. (x1)-3x11
$\frac{1}{2} \cdot \left[ \frac{(x^2 + 3)^{12}}{2} - \frac{3(x^2 + 3)^{11}}{11} \right] = \frac{(x^2 + 3)^{12} - 3(x^2 + 3)^{11}}{24}$
$\frac{11x^2+311^2-3(x^2+3111)}{29}$
112+312-3(12+3)11-(((1)2+3)12-3(1-1)2+3)11=01
Ix2. In x dx Sly(x) x2 dx
4-In/x In/x). 23-523.1 de
10 = 1/2 de h(x1.12-5x2 de
In (x) x -1 . I x -1 . x -1 . x -1 . x - 3 . 3 . 3
In (x) x3 -x3 = In (x).x3 - x3 + (, (ER
In[x], x3+x3+C, CER

Priex br - In pet de = - dret = - drett-y = - dre 22-y 50 50 12 xty 18 dx dy= 5 to at = (2x + y) = (2.1+y) - (2.0+y) = (2+x) - y = 1. (S(2+y)) dy - Sy) dy) = 1. ((2+y)) - y10 = (2+y)10-y10 = (2+y)10-y10|= (2+)10-)0-(2+0)10-00 261632