x dy= sh(1x)dx dn = 1dx V = - 1 cos(2x) (00 (15) - 1- \frac{1}{2} cos(2x) dx cos(2x) + 4 sin(2x) + du= exx v= e I+x dx e) 2 5/2 - 2 3/2 - C = 12 (1+x)5/2 - 2 (1+x)3/2 seco (seco + band sec(0) do =) (seco + tano) secotano + secto do lu (u) Seco Hear 0) sec2(0) do t+C=ltan(+)+C Sech (O) do 't=tanhx ... 4 $\frac{x^{2}+2}{7-x^{2}} = \sum_{n=1}^{\infty} - \left(\frac{2-x^{2}}{7-x^{2}}\right) = \sum_{n=1}^{\infty} - \left(\frac{2-x^$ $\frac{q}{2\pi i} + \frac{q}{2\pi i} + \frac{q}{2\pi i} = -x + \frac{q}{2\pi i} + \frac{1}{x + \pi} + \frac{1}{x - \pi}$ $\frac{q}{2\pi i} \left[\ln(x - \pi) + \ln(x - \pi) \right] = \frac{1}{2\pi i} \ln(x - \pi)$



