$$99)$$
 $\int On(n^2+1) du =$

$$= n \ln(x^2+1)$$

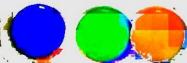
$$\int \frac{2 x^2}{x^2 + 1} dx = n \ln(n^2 + 1) - \int 2 dx + 2 \int \frac{1}{n^2 + 1} dx$$

$$= n \ln(u^2 + 1) - 2n - \left(\frac{x^{-1}}{-1}\right) = n \ln(2u^2 + 1) - 2n + 2ardylos + c, cere$$

$$2n^2$$
 $2n^2+2$

$$\frac{2 \kappa^2 + 2}{2}$$

$$\frac{No}{Dw} = Qw + \frac{R(1)}{3(w)}$$







(flw glas = flw gen - Sflw give

$$=\frac{\chi^2 \operatorname{arc-ly(N)}}{2} - \frac{1}{2} \int \frac{\chi^2}{1+\chi^2} dx =$$

$$= \frac{x^2 \arctan (w)}{2} - \frac{1}{2} \left[1 + \frac{1}{x^2 - 1} \right] dx$$

$$= \frac{2i^2 a retgin}{2} - \frac{1}{2} \int du + \int \frac{1}{x^2 - 1} du = \frac{2i^2 a retgin}{2} + \frac{1}{2} u = \frac{1}{2} a retgin + G cere$$