esercirei

$$\int 1 - \frac{6}{\sqrt{9 - 9n^2}} dx = \int dx - 2 \int \frac{1}{\sqrt{1 - n^2}} = n - 2 \operatorname{arcsin} n + k$$

$$\int \frac{1+2n^2}{1+n^2} dx = \begin{cases} privilegiou & i \\ pr$$

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

 $= 2n - \arctan n + k$

si potera fare la divisione la polinomi:

$$= \frac{2 \operatorname{arcsun} + K}{2n^2 + 1} dx = \frac{1}{2} \int \frac{h(n^2 + 1) - 5}{n^2 + 1} dx = 2 \int dx - \frac{5}{2} \int \frac{1}{n^2 + 1} dx = \frac{2n - 5 \operatorname{arctaun} + K}{2}$$

$$\int \frac{m^{4}}{4 + 4n^{2}} dx = \frac{1}{4} \int \frac{m^{4} + n^{2} - n^{2}}{n^{2} + 1} dx = \frac{1}{4} \int \left(n^{2} - \frac{n^{2}}{n^{2} + 1}\right) dx = \frac{1}{4} \int n^{2} dx - \frac{1}{4} \int dx + \frac{1}{4} \int \frac{1}{n^{2} + 1} dx = \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{3} - \frac{1}{4} \int n + \frac{1}{4} \int n^{2} dx = \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{4} dx = \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{4} dx = \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{4} dx = \frac{1}{4} \int n^{3} - \frac{1}{4} \int n^{4} dx = \frac{1}{4} \int$$