= lu | f(m)+ K

vedosi hote pagina

INTEGRALI

- 3 lu (h+n2) + K

$$\frac{\text{CASO 30}}{\text{N(m)}} = \frac{\text{D(m)}}{\text{CASO 30}}$$

$$-\int \frac{6n}{h+n^2} dn = 3\int \frac{1}{h+n^2} 2n dn =$$

$$\frac{1}{a^2}$$
 dm = $3\int \frac{1}{a+a}$

 $-\int \frac{5n-1}{n^2-n-2} dn = \int \frac{5n-1}{(n-2)(n+1)} dn =$

$$\frac{1}{a^2}$$
 dw = $3\int \frac{1}{a+a}$

 $\Delta > 0 \sim D(n)$ si scompou

 $= \cdot \cdot \cdot = \int \left[\frac{3}{n-2} + \frac{2}{n+1} \right] dn = 3 \ln |n-2| + 2 \ln |n+1| + K$ $= \ln \left[|n-2|^3 \cdot (n+1)^2 \right] + K$

$$\int \frac{1}{P(\cdot)}$$

$$\int \frac{1}{F(n)}$$

$$\int \frac{1}{f(n)} f'(n) dn =$$

$$\frac{3}{m+1} + \frac{h}{n-2} = \frac{7n-2}{(n+1)(n-2)}$$

$$posso Gare il processo inverso$$

$$\left(\frac{7n-2}{(n+1)(n-2)}\right) dn = \frac{3}{(n+1)(n-2)} dn + \int \frac{h}{n-2} dn$$

$$\frac{1}{p'(n)} \sim \log ritmo$$

 $= \frac{(n-2)A + (n+1)B}{(n+1)(n-2)}$ $=\frac{n(A+B)+(2A-B)}{(n+1)(n-2)}$ il polinomio 😵 e uguale a 📾 per il principio d'identité dei polinomi

 $\frac{7n-2}{(n+1)(n-2)} = \frac{A}{n+1} + \frac{B}{n-2}$

nota 2: (x)

$$-\int \frac{1}{3n^{2}-n-2} dn = \int \frac{1}{(n-1)(3n+2)} dn =$$

$$= \int \frac{1/5}{n-1} dn - \int \frac{3/5}{3n+2} dn =$$

$$|x-1| = |x-2| = |x-2|$$

$$= \frac{\ln |n-1| - \ln |3n+2|}{5} + K =$$

(n-1)(3n+2)

 $\begin{cases} 3A + B = 0 & A = \frac{1}{5} \\ 2A - B = 1 & B = -\frac{3}{5} \end{cases}$

$$\frac{|m| |n-1| - |m| |5| |m+2|}{|m-1| + |m|} + |m| = 1$$

$$= \frac{5}{3n+2} + K$$

$$-3C. \text{ a deg } N(n) = 0$$

$$-3C. \text{ b deg } N(n) = 1$$

$$-3C. \text{ c deg } N(n) = 2$$

$$3C. \text{ deg } N(n) =$$

CASO 3C

 $\Delta = 0$

$$-\int \frac{3n-1}{n^2+2n+1} \, dn$$

$$\frac{B}{1} dn$$

$$\otimes = \frac{A}{n+1} + \frac{B}{(n+1)^2} = 0$$

$$A(n+1) + B$$

situazioni pucedenti

$$n+1$$
 $(n+1)^2$

$$= \frac{A(n+1) + B}{(n+1)^2}$$