

Calcolare

$$\int_0^1 \frac{4x+3}{5x^2+x+1} dx ; \int_0^1 \frac{4x+3}{(x^2+1)(x^2+x+1)} dx ; \int_0^1 \frac{1}{(x^2+1)^2} dx$$

Calcolare $\int_a^b \sin(ax)\cos(bx)$; $\int_0^\pi \cos(2x)\sin(3x) dx$

Calcolare $\int_0^1 x^2 \cos(3x) dx$; $\int_0^1 x^2 e^x dx$

Calcolare $\int_0^1 x^2 \arctan(x) dx$; $\int_0^{1/2} \arcsin x$

Calcolare

$$\int_0^1 \frac{1}{\sqrt{1+x^2}} ; \int_0^4 \frac{2+x}{\sqrt{1+x^2}} ; \int_2^3 \frac{1}{\sqrt{x^2-1}} dx$$