ESERCIZI SUL CALCOLO DI INTEGRALI

$$\int e^{\operatorname{sen}x}\cos x\,dx = e^{\operatorname{sen}x} + c$$

$$\int \frac{\log x}{x}\,dx = \frac{\log^2 x}{2} + c$$

$$\int \frac{\operatorname{arctg}x}{1+x^2}\,dx = \frac{\operatorname{arctg}^2 x}{2} + c$$

$$\int 2x\,dx = x^2 + c$$

$$\int \frac{\cos x}{\sqrt{1+\operatorname{sen}x}}\,dx = 2\sqrt{1+\operatorname{sen}x} + c$$

$$\int \frac{1}{x\log x}\,dx = \log|\log x| + c$$

$$\int \frac{e^{\sqrt{x}}}{\sqrt{x}}\,dx = 2e^{\sqrt{x}} + c$$

$$\int \frac{\sqrt{\log x}}{x}\,dx = \frac{2}{3}\left(\log x\right)^{3/2} + c$$