











INTEGRACS
$$\int x^n dx = \frac{1}{n+1} x^{n+1}$$

$$\int \frac{1}{x} dx = \ln(x)$$

$$\int u dv = uv - \int v du$$

$$\int e^{ax} dx = \frac{1}{a} e^{ax}$$

$$\int \sin(ax) dx = -\frac{1}{a} \cos(ax)$$

$$\int \cos(ax) dx = \frac{1}{a} \sin(ax)$$

$$\int \sin^2(ax) dx = \frac{x}{2} - \frac{\sin(ax)}{4a}$$

$$\int \cos^2(ax) dx = \frac{x}{2} + \sin(2ax)$$

$$\frac{1}{4a}$$

