

$$\int \frac{4x+2}{x^2+x+3} dx$$

$$\int \frac{8x^3+6x}{2x^4+3x^2+5} dx$$

$$\int \frac{\sin x}{1+\cos^2 x} dx$$

$$\int \operatorname{tg} x dx = \int \frac{\sin x}{\cos x} dx$$

$$\int \frac{1}{\operatorname{tg} x \cdot \cos^2 x} dx$$

$$\int \sin x \cdot \cos^2 x dx$$

$$\int \frac{\sin x + \cos x}{\sin x - \cos x} dx$$

$$\int \frac{x}{1+x^4} dx$$

$$\int \frac{x}{\sqrt{1-x^4}} dx$$

$$\int \frac{e^x}{e^{2x}-1} dx$$

$$\int \frac{1}{x \cdot (1+\ln^2 x)} dx$$