

Вариант

1. $\int \sin(10 - 3x) dx$

2. $\int \frac{\sin x}{1 + 3 \cos x} dx$

3. $\int x \operatorname{arctg} \frac{x}{2} dx$

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

5. $\int \frac{4x + 2}{x^2 - 4x + 8} dx$

6. $\int \frac{e^{2t}}{e^t - 1} dt$

7. $\int \cos^2 x \sin^2 x dx$

8. $\int \cos 3x \sin 5x dx$

9. $\int \frac{1}{2 \sin x - \cos x - 1} dx$

10. $\int \frac{\sqrt{1 - x^4}}{x^5} dx$