

Całki nieoznaczone (2).

1. $\int \frac{dx}{\sqrt{4x^2 + x + 8}}$

2. $\int \frac{2x + 5}{\sqrt{1 - x^2 - 2x}} dx$

3. $\int \frac{x^3 - 4x}{\sqrt{2x^2 + 6x - 8}} dx$

4. $\int (3 - 2x)\sqrt{6 - 4x^2 - 4x} dx$

5. $\int \sqrt{x^2 - x + 6} dx$

6. $\int \frac{dx}{x^3\sqrt{1 - x^2 + 4x}}$

7. $\int \frac{x - 4}{(x - 2)^2\sqrt{x^2 + 3x + 2}} dx$

7.* $\int \frac{dx}{x - \sqrt{x^2 - x + 1}}$

8.* $\int \frac{x dx}{\sqrt{1 + \sqrt[3]{x^2}}}$

9. $\int \sin^3 x \cos^6 x dx$

10. $\int \sin^4 x \cos^6 x dx$

11. $\int \sin 3x \sin 7x dx$

12. $\int \frac{dx}{\sin x \cos 2x} dx$

13. $\int \frac{\sin^4 x}{\cos^2 x} dx$

14. $\int \operatorname{tg}^5 x dx$

$$15. \int \frac{dx}{\sin^2 x + \operatorname{tg}^2 x}$$

$$16. \int \frac{dx}{\sin^5 x \cos^5 x}$$

$$17. \int \frac{dx}{5 - 4 \sin x + 3 \cos x}$$

$$18. \int \frac{dx}{\sin^5 x}$$

$$19. \int \frac{\cos x}{\sin^3 x - \cos^3 x}$$

$$20. \int \frac{\sin x \cos x dx}{\sin^4 x + \cos^4 x}.$$