

Домашнее задание

1.  $\int \frac{(\sqrt{x}-1)^3}{x} dx$

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

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

4.  $\int \frac{dx}{\sqrt{1+25x^2}}$

5.  $\int x^3 \exp(x^4) dx$

6.  $\int (2-3x)^{100} dx$