

Trigonometric Integrals

Integrate:

- $\int_0^{\pi/2} \sin^3 \theta \cos^2 \theta d\theta$
- $\int_0^{\pi/20} \cos^5 10x dx$
- $\int \frac{\tan^2 x - 1}{\sec^2 x} dx$
- $\int \cos^2(2x) dx$
- $\int \sin^2(2x) dx$
- $\int \cos^3(2x) dx$
- $\int \sin^4(2x) dx$
- $\int \tan^6 x \sec^4 x dx$
- $\int \tan^5 x \sec^7 x dx$
- $\int \tan^3 x dx$
- $\int \sec x dx$
- $\int \sec^3 x dx$