

7.2 Trig Integrals

Calculus II

1. $\int \sin^8(3z) \cos^5(3z) dz$

2. $\int \cos^4(2t) dt$

3. $\int \frac{2+7\sin^3(z)}{\cos^2(z)} dz$

4. $\int_{\pi}^{2\pi} \cos^3(\frac{1}{2}w) \sin^5(\frac{1}{2}w) dw$

5. $\int_1^3 \sin(8x) \sin(x) dx$

6. $\int_0^{\frac{\pi}{4}} \tan^7(z) \sec^3(z) dz$