

Extra 7.3 Homework Problems

1. $\int \cos^2(2x) dx$

5. $\int \tan^3 x \sec x dx$

2. $\int \cos^5 x dx$

6. $\int \tan^2 x \sec^6 x dx$

3. $\int \sin^3 x \cos^2 x dx$

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

4. $\int \tan^4 x dx$

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