

TAREA DE MATEMÁTICAS II (05_10_13_r01)

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

8. $\int x \tan^{-1}(x) dx$

2. $\int x \tan^2(x) dx$

9. $\int x^3 \tan^{-1}(x) dx$

3. $\int x^n \ln(x) dx$

10. $\int e^{mx} \cos(nx) dx$

4. $\int \ln(1+x)^2 dx$

11. $\int e^x \left(\frac{1 + \operatorname{sen}(x)}{1 + \cos(x)} \right) dx$

5. $\int \ln(1+x^2) dx$

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

6. $\int x \operatorname{sen}(x) \operatorname{sen}(2x) dx$

13. $\int \frac{x - \operatorname{sen}(x)}{1 - \cos(x)} dx$

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