

Integración por partes

$$17. - \int x^2 e^{3x} dx$$

$$18. - \int x \arctan(x) dx$$

$$19. - \int \arctan(\sqrt{x}) dx$$

$$20. - \int e^x \operatorname{Sen}(2x) dx$$

$$21. - \int_0^3 x e^{4x} dx$$

$$22. - \int_1^2 x \ln(x) dx$$

$$23. - \int x^2 \operatorname{Sen}(x) dx$$

$$24. - \int x^3 \ln(x) dx$$

$$25. - \int \operatorname{Sen}(\ln(x)) dx$$

$$26. - \int x^3 e^{x^2} dx$$

Fracciones parciales.

$$27. - \int \frac{x^2 + x}{x^3 - x^2 + x - 1} dx$$

$$28. - \int \frac{x-3}{x^3 + x^2} dx$$