$$\int \int (ax+b) dx = \int \int (ax+b) dax+b$$

$$ey: \int e^{2x+b} dx = \int e^{2x+b} dax+b = \frac{1}{2}e^{2x+b} + c$$

$$\int \int \int (ax+b) dx = \int (ax+b) dax+b = \frac{1}{2}e^{2x+b} + c$$

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$$\int_{\overline{B}}^{2} f(\overline{B}) dx = \int_{\overline{B}}^{2} f(\overline$$

$$\int \frac{\partial}{\partial x} f(x) dx = 0 f(x) \cdot (x) dx = -0 f(x) + c$$

$$e^{ig} \cdot \int \frac{\partial}{\partial x} e^{ig} dx = -\int e^{ig} \cdot (x) dx = -\int e^{ig} dx = -e^{ig} + c$$

$$\int e^{ig} \cdot \frac{\partial}{\partial x} dx = \int e^{ig} \cdot (x) dx = -\int e^{ig} dx = -\int e^{ig} + c$$

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$$\int \frac{dx}{dx} dx \qquad \int \frac{dx}{dx} dx \qquad \int \frac{dx}{dx} \sin x dx$$

$$= \int \frac{dx}{dx} (Hx^2) dx \qquad = \int \frac{dx}{dx} (Hx^2) dx$$

$$= \int \frac{dx}{dx} d(Hx^2) = -\int \cos^2 x d\cos x$$

$$= \int \frac{dx}{dx} (Hx^2)^{\frac{1}{2}} + C \qquad = -\int \cos^2 x d\cos x$$

$$= \int \frac{dx}{dx} (Hx^2)^{\frac{1}{2}} + C \qquad = -\int \cos^2 x d\cos x$$

$$\int \frac{3}{H \chi^{4}} dx$$

$$\iiint_{H} \frac{1}{|H(\chi^{2})^{2}} \frac{1}{|\chi^{2}|} dx$$

$$= \int \frac{1}{|H(\chi^{2})^{2}} \frac{1}{|\chi^{2}|} dx$$

$$= \int \frac{1}{|H(\chi^{2})^{2}} dx$$

$$\int \frac{1}{1+e^{x}} dx$$

$$= \int \frac{1}{1+e^{x}} dx$$

$$= \int \frac{1}{1+e^{x}} dx$$

$$\int \frac{1}{1-\sin x} dx$$

$$= \int \frac{1}{1+e^{x}} dx$$

$$\int \frac{1}{1-\sin x} dx$$

$$= \int \frac{1}{1+e^{x}} dx$$

$$= \int \frac{1$$

$$\int \frac{|A|(x+2)(x-3)}{|A|(x+2)(x-3)} dx = \int \frac{(a.(x^2-x-5)+b(x^2-4x+3)+c(x^2+x-2))}{|A|(x+1)(x+2)(x-3)} dx$$

$$\int \frac{|A|}{|A|} + \frac{|b|}{|A|+2} + \frac{|c|}{|A|-3} dx = \int \frac{(a.(x^2-x-5)+b(x^2-4x+3)+c(x^2+x-2))}{|A|(x+2)(x+3)} dx$$

$$\int \frac{|A|}{|A|-1} + \frac{|b|}{|A|+2} + \frac{|c|}{|A|-3} dx = \int \frac{(a.(x^2-x-5)+b(x^2-4x+3)+c(x^2+x-2))}{|A|-1} dx$$

$$\int \frac{|A|}{|A|-1} + \frac{|a|}{|A|+2} + \frac{|a|}{|A|-3} dx = \int \frac{(a.(x^2-x-5)+b(x^2-4x+3)+c(x^2+x-2))}{|A|-1} dx$$

$$\int \frac{|A|}{|A|-1} + \frac{|a|}{|A|+2} + \frac{|a|}{|A|-3} dx = \int \frac{(a.(x^2-x-5)+b(x^2-4x+3)+c(x^2+x-2))}{|A|-1} dx$$

$$\int \frac{|A|}{|A|-1} + \frac{|A|}{|A|+2} + \frac{|A|}{|A|-3} dx = \int \frac{|a|}{|A|-1} + \frac{|a|}{|A|-2} + \frac{|a|}{|A|-2}$$

$$\int \frac{x+1}{x^{2}+2x+6} dx$$

$$\int \frac{1}{x^{2}+2x+6} dx$$

$$= \int \frac{1}{(x^{2}+2x+6)} dx$$

$$= \int \frac{$$

$$i / f(x) dx = F(x) + c. \int f(x) + e^{x} dx = \frac{1}{3} F(x) + c.$$

Solution of  $f(x) + f(x) + c.$ 

Solution of  $f(x) + c.$ 

Solution of

3.根抗换,(直多凑重根)的单元理根式代换根号的坎西勒) ①开知 10000世里, 多10000世年, 新始人从 ②于他 10000世里, 多1000世年 新始人从 ③含m10000世里, 多1000世年, 新始人从 及此时,1000世里, 多1000世年, 新始人从 及此时,1000世里, 多1000世年, 新始人从

$$= 2 \int \frac{(t+1)^{2}}{(t+2)^{2}} dt$$

$$= 2 \int \frac{1}{(t+2)^{2}} dt - \int \frac{2}{(t+2)^{2}} dt$$

$$= 2 \int \frac{1}{(t+2)^{2}} dt - \int \frac{2}{(t+2)^{2}} dt$$

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$$= 2 \int \frac{1}{(t+2)^{2}} dt - \int \frac{2}{(t+2)^{2}} dt$$

92) 
$$\int \frac{\operatorname{arctanis}}{\operatorname{ischai}} dx \Rightarrow 2 \int \frac{\operatorname{arctanis}}{\operatorname{HE}} dx \Rightarrow 2 \int \operatorname{arctanis} dx = 2$$