2 előadás
$$\int f(ax ib) dx = \frac{F(ax+b)}{a} + C$$

$$\int g'(x) dx = \int g(x) + C$$

$$\int f(g(x)) g'(x) dx = F(g(x)) + C$$

$$\int g''(x) \cdot g'(x) = \frac{g'''(x)}{b} + C$$

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$$\int f(ax ib) dx = \int u \cdot g(x) + C$$

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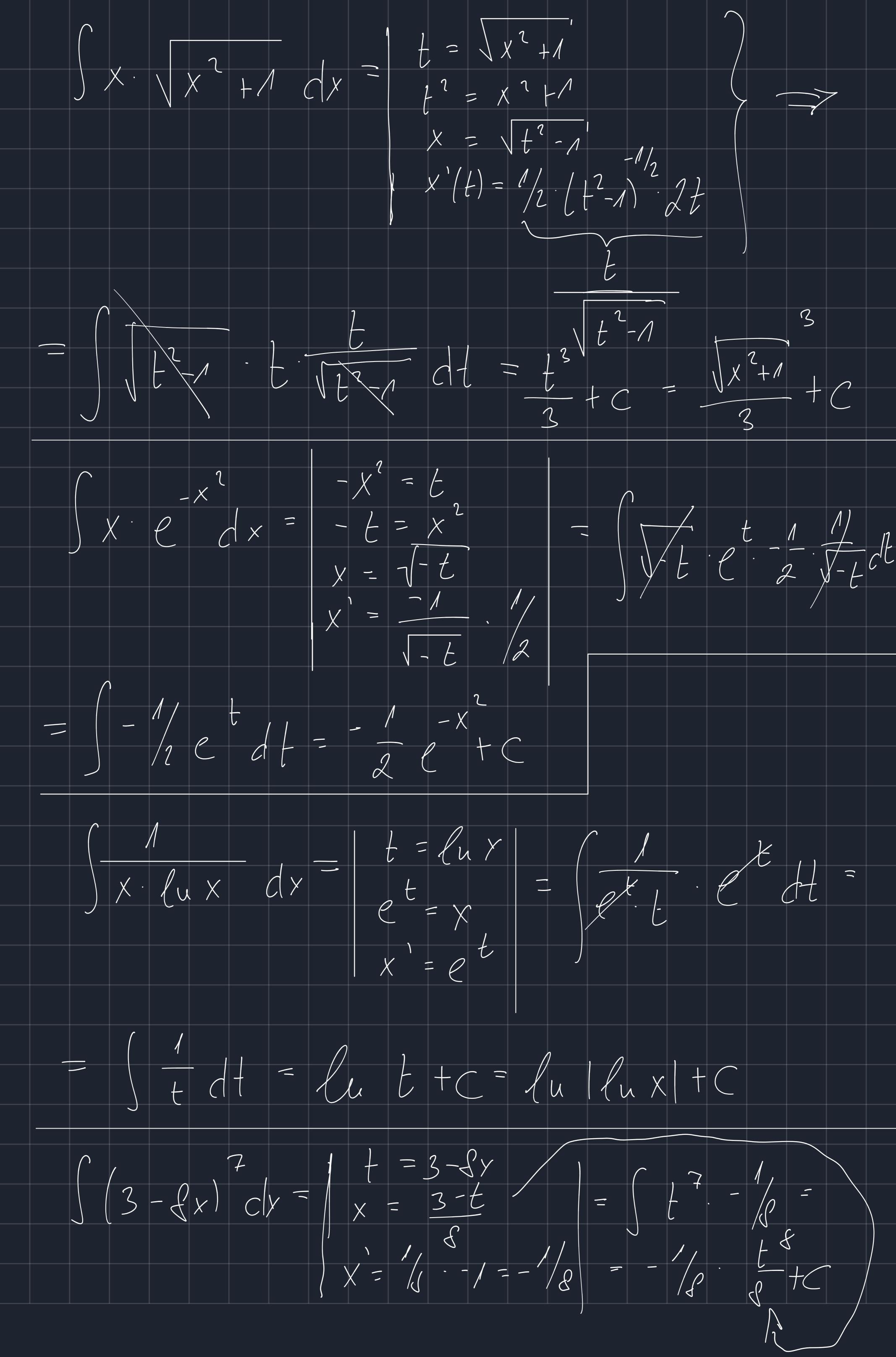
$$\int f(ax ib) dx = \int u \cdot g(x) + C$$

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$$\int f(ax ib) dx = \int u \cdot g$$

$$\begin{aligned}
& \int F(x(t)) \int dt = \int f(x(t)) \cdot x'(t) dt \\
& F(x(t)) + C = \int f(x(t)) \cdot x'(t) dt \\
& \int f(x(t)) \cdot x'(t) dt = F(x(t)) + C \\
& \int f(x) dx = F(x) + C = \int f(x) \\
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& \int f(x) dx = \int f(x) + C = \int f(x) + C = \int f(x) \\
& \int f(x) dx = \int f(x) + C = \int f(x) + C$$



$$\int \sin^2 y \cdot \cos x \, dx = \frac{\cos^2 x \cdot d \cdot \sin^2 x}{\cos x \cdot dx}$$

$$= \int t \cdot \sin y$$

$$= \int t \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot dt$$

$$= \int t \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot dt$$

$$= \int t \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot \sqrt{-t^2} \cdot dt$$

$$= \int t \cdot \sqrt{-t^2} \cdot dt$$

$$= \int t \cdot \sqrt{-t^2} \cdot \sqrt{-t^2$$

$$\int u \cdot v = \int u \cdot v + \int u \cdot v - \int u$$