(бт) Таблица интегранов.

3) 
$$\int x^2 dx = \frac{x^{d+1}}{d+1} + e$$

4) 
$$\int \frac{dx}{x} = \ln |x| + C \left( \frac{\lambda = -1}{cmen} \right)$$

5) 
$$\int s' nx dx = -\cos x + C$$

$$4) \int \frac{dx}{\cos^2 x} = tgx + C$$

8) 
$$\int \frac{\partial x}{\sin^2 x} = -\partial \xi x + C$$

9) 
$$\int \frac{\partial lx}{\sin x} = \ln \left| \frac{dy}{dx} \right| + C$$

10) 
$$\int \frac{\partial x}{\partial x} = \ln \left| tg\left(\frac{x}{2} + \frac{17}{4}\right) \right| + C$$

11) 
$$\int a^x dx = \frac{a^x}{\ln a} + c$$

15) 
$$\int \frac{dx}{\sin^2 x} = thx + C$$

$$\frac{16}{8h^2x} = -\frac{c4h(x)+c}{8h^2x}$$

14) 
$$\int \frac{dx}{x^2+a^2} = \frac{1}{a} \operatorname{arctg} \frac{x}{a} + c$$
,  $x \neq 0$ 

18) 
$$\int \frac{\partial x}{x^2 a^2} = \frac{1}{2a} \ln \left| \frac{x-a}{x+a} \right| + c, \ a > 0$$
(boreoning up a)

19) 
$$\int \frac{dx}{\sqrt{a^2-x^2}} = arcsin x + \frac{x}{a} + C$$
, as o

$$20) \int \frac{dx}{\sqrt{x^2 \pm a^2}} = \ln \left| |x| + \sqrt{x_{\pm}^2 a^2} \right| + C$$

(gueseseris uerapupou)