Интеграси гасть 1 N 8129 SX25x = Cx-21/2 dx = xile + C = - 2 10 28130 Sx2+3 = 1 archy x 1 C N8131 S=dx = (1/5)x +C N8132 Source = arcsin x/2 +c 28133  $\int \frac{dx}{\sqrt{x^2-1}} = \ln|x+\sqrt{x^2-1}| + C$ 28134  $\int \frac{dx}{x^2 - 25} = \frac{9}{10} \ln \left| \frac{x - 5}{x + 5} \right| + C$ 28135 S(x+2/x)2/x = S(x244+4/x2)dx = Sx2dx+S4dx+45x2dx = X3/3 + 4x + 4x 1/- 9 + C = X3/3 + 4x - 4/x +C 1)8136  $\int \frac{dx}{4x^{2}+1} = \frac{1}{4} \int \frac{dx}{4x^{2}+1} = \frac{1}{4} \cdot \frac{1}{4$