

$$914. y = \arccos \frac{1-x}{\sqrt{2}}. \quad 915. y = \operatorname{arctg} \frac{x^2}{a}.$$

$$916. y = \frac{1}{\sqrt{2}} \operatorname{arctg} \frac{\sqrt{2}}{x}. \quad 917. y = \sqrt{x} - \operatorname{arctg} \sqrt{x}.$$

$$918. y = x + \sqrt{1-x^2} \cdot \arccos x.$$

$$919. y = x \arcsin \sqrt{\frac{x}{1+x}} + \operatorname{arctg} \sqrt{x} - \sqrt{x}.$$

$$920. y = \arccos \frac{1}{x}. \quad 921. y = \arcsin (\sin x).$$

$$922. y = \arccos (\cos^2 x). \quad 923. y = \arcsin (\sin x - \cos x).$$

$$924. y = \arccos \sqrt{1-x^2}. \quad 925. y = \operatorname{arctg} \frac{1+x}{1-x}.$$

$$926. y = \operatorname{arctg} \left(\frac{\sin x + \cos x}{\sin x - \cos x} \right).$$

$$927. y = \frac{2}{\sqrt{a^2-b^2}} \operatorname{arctg} \left(\sqrt{\frac{a-b}{a+b}} \operatorname{tg} \frac{x}{2} \right) \quad (a > b \geq 0)$$

$$928. y = \arcsin \frac{1-x^2}{1+x^2}. \quad 929. y = \frac{1}{\arccos^2(x^2)}.$$

$$930. y = \operatorname{arctg} x + \frac{1}{3} \operatorname{arctg} (x^3).$$

$$931. y = \ln(1 + \sin^2 x) - 2 \sin x \cdot \operatorname{arctg} (\sin x).$$

$$932. y = \ln \left(\arccos \frac{1}{\sqrt{x}} \right).$$

$$933. y = \ln \frac{x+a}{\sqrt{x^2+b^2}} + \frac{a}{b} \operatorname{arctg} \frac{x}{b} \quad (b \neq 0).$$

$$934. y = \frac{x}{2} \sqrt{a^2-x^2} + \frac{a^2}{2} \arcsin \frac{x}{a} \quad (a > 0).$$

$$935. y = \frac{1}{6} \ln \frac{(x+1)^2}{x^2-x+1} + \frac{1}{\sqrt{3}} \operatorname{arctg} \frac{2x-1}{\sqrt{3}},$$

$$936. y = \frac{1}{4\sqrt{2}} \ln \frac{x^2+x\sqrt{2}+1}{x^2-x\sqrt{2}+1} - \frac{1}{2\sqrt{2}} \operatorname{arctg} \frac{x\sqrt{2}}{x^2-1}.$$