937. $y = x (\arcsin x)^2 + 2\sqrt{1-x^2} \, \arcsin x - 2x.$

938. $y = \dfrac{\arccos x}{x} + \dfrac{1}{2} \ln \dfrac{1 - \sqrt{1-x^2}}{1 + \sqrt{1-x^2}}.$

939. $y = \operatorname{arctg} \sqrt{x^2 - 1} - \dfrac{\ln x}{\sqrt{x^2 - 1}}.$

940. $y = \dfrac{\arcsin x}{\sqrt{1-x^2}} + \dfrac{1}{2} \ln \dfrac{1-x}{1+x}.$

941. $y = \dfrac{1}{12} \ln \dfrac{x^4 - x^2 + 1}{(x^2 + 1)^2} - \dfrac{1}{2\sqrt{3}} \operatorname{arctg} \dfrac{\sqrt{3}}{2x^2 - 1}.$

942. $y = \dfrac{x^6}{1 + x^{12}} - \operatorname{arcctg} x^6.$

943. $y = \ln \dfrac{1 - \sqrt[3]{x}}{\sqrt{1 + \sqrt[3]{x} + \sqrt[3]{x^2}}} + \sqrt{3} \, \operatorname{arctg} \dfrac{1 + 2\sqrt[3]{x}}{\sqrt{3}}.$

944. $y = \operatorname{arctg} \dfrac{x}{1 + \sqrt{1-x^2}}.$

945. $y = \operatorname{arcctg} \dfrac{a - 2x}{2\sqrt{ax - x^2}} \quad (a > 0).$

946. $y = \dfrac{3-x}{2} \sqrt{1 - 2x - x^2} + 2 \arcsin \dfrac{1+x}{\sqrt{2}}.$

947. $y = \dfrac{1}{4} \ln \dfrac{\sqrt[4]{1 + x^4} + x}{\sqrt[4]{1 + x^4} - x} - \dfrac{1}{2} \operatorname{arctg} \dfrac{\sqrt[4]{1 + x^4}}{x}.$

948. $y = \operatorname{arctg} (\operatorname{tg}^2 x).$

949. $y = \sqrt{1-x^2} \cdot \ln \sqrt{\dfrac{1-x}{1+x}} +$

$+ \dfrac{1}{2} \ln \dfrac{1 - \sqrt{1-x^2}}{1 + \sqrt{1-x^2}} + \sqrt{1-x^2} + \arcsin x.$

950. $y = x \operatorname{arctg} x - \dfrac{1}{2} \ln (1 + x^2) - \dfrac{1}{2} (\operatorname{arctg} x)^2.$

951. $y = \ln \left(e^x + \sqrt{1 + e^{2x}} \right).$