

2142. $\int \frac{\arcsin x}{x^3} \cdot \frac{1+x^2}{\sqrt{1-x^2}} dx.$
 2143. $\int \frac{x \ln(1+\sqrt{1+x^2})}{\sqrt{1+x^2}} dx.$
 2144. $\int x \sqrt{x^2+1} \ln \sqrt{x^2-1} dx.$
 2145. $\int \frac{x}{\sqrt{1-x^2}} \ln \frac{x}{\sqrt{1-x}} dx.$
 2146. $\int \frac{dx}{(2+\sin x)^3}.$ 2147. $\int \frac{\sin 4x}{\sin^3 x + \cos^3 x} dx.$
 2148. $\int \frac{dx}{\sin x \sqrt{1+\cos x}}.$
 2149. $\int \frac{ax^2+b}{x^2+1} \operatorname{arctg} x dx.$
 2150. $\int \frac{ax^2+b}{x^2-1} \ln \left| \frac{x-1}{x+1} \right| dx.$
 2151. $\int \frac{x \ln x}{(1+x^2)^3} dx.$
 2152. $\int \frac{x \operatorname{arctg} x}{\sqrt{1+x^2}} dx.$ 2153. $\int \frac{\sin 2x}{\sqrt{1+\cos^4 x}} dx.$
 2154. $\int \frac{x^3 \arccos x}{\sqrt{1-x^2}} dx.$
 2155. $\int \frac{x^4 \operatorname{arctg} x}{1+x^2} dx.$ 2156. $\int \frac{x \operatorname{arctg} x}{(1+x^2)^3} dx.$
 2157. $\int \frac{x \ln(x+\sqrt{1+x^2})}{(1-x^2)^2} dx.$
 2158. $\int \sqrt{1-x^2} \arcsin x dx.$
 2159. $\int x(1+x^2) \operatorname{arctg} x dx.$ 2160. $\int x^x(1+\ln x) dx.$
 2161. $\int \frac{\arcsin e^x}{e^x} dx.$ 2162. $\int \frac{\operatorname{arctg} e^{x/2}}{e^{x/2}(1+e^x)} dx.$
 2163. $\int \frac{dx}{(e^{x+1}+1)^2 - (e^{x-1}+1)^2}.$
 2164. $\int \sqrt{\tanh^2 x + 1} dx.$ 2165. $\int \frac{1+\sin x}{1+\cos x} \cdot e^x dx.$
 2166. $\int |x| dx.$ 2167. $\int x|x| dx.$ 2168. $\int (x+|x|)^2 dx.$
 2169. $\int \{|1+x| - |1-x|\} dx.$
 2170. $\int e^{-|x|} dx.$ 2171. $\int \max(1, x^2) dx.$