

1098. $\int e^x \sqrt{a - be^x} dx.$
 1099. $\int \left(e^{\frac{x}{a}} + 1 \right)^{\frac{1}{2}} e^{\frac{x}{a}} dx.$
 1100*. $\int \frac{dx}{2^x + 3}.$
 1101. $\int \frac{a^x dx}{1 + a^{2x}}.$
 1102. $\int \frac{e^{-bx}}{1 - e^{-2bx}} dx.$
 1103. $\int \frac{e^t dt}{\sqrt{1 - e^{2t}}}.$
 1104. $\int \sin(a + bx) dx.$
 1105. $\int \cos \frac{x}{\sqrt{2}} dx.$
 1106. $\int (\cos ax + \sin ax)^2 dx.$
 1107. $\int \cos \sqrt{x} \frac{dx}{\sqrt{x}}.$
 1108. $\int \sin(\lg x) \frac{dx}{x}.$
 1109*. $\int \sin^2 x dx.$
 1110*. $\int \cos^2 x dx.$
 1111. $\int \sec^2(ax + b) dx.$
 1112. $\int \cot^2 ax dx.$
 1113. $\int \frac{dx}{\sin \frac{x}{a}}.$
 1114. $\int \frac{dx}{3 \cos \left(5x - \frac{\pi}{4} \right)}.$
 1115. $\int \frac{dx}{\sin(ax + b)}.$
 1116. $\int \frac{x dx}{\cos^2 x^2}.$
 1117. $\int x \sin(1 - x^2) dx.$
 1118. $\int \left(\frac{1}{\sin x \sqrt{2}} - 1 \right)^2 dx.$
 1119. $\int \tan x dx.$
 1120. $\int \cot x dx.$
 1121. $\int \cot \frac{x}{a-b} dx.$
 1122. $\int \frac{dx}{\tan \frac{x}{5}}.$
 1123. $\int \tan \sqrt{x} \frac{dx}{\sqrt{x}}.$
 1124. $\int x \cot(x^2 + 1) dx.$
 1125. $\int \frac{dx}{\sin x \cos x}.$
 1126. $\int \cos \frac{x}{a} \sin \frac{x}{a} dx.$
 1127. $\int \sin^2 6x \cos 6x dx.$
 1128. $\int \frac{\cos ax}{\sin^2 ax} dx.$
 1129. $\int \frac{\sin 3x}{3 + \cos 3x} dx.$
 1130. $\int \frac{\sin x \cos x}{\sqrt{\cos^2 x - \sin^2 x}} dx.$
 1131. $\int \sqrt{1 + 3 \cos^2 x} \sin 2x dx.$
 1132. $\int \tan^2 \frac{x}{3} \sec^2 \frac{x}{3} dx.$
 1133. $\int \frac{\sqrt{\tan x}}{\cos^2 x} dx.$
 1134. $\int \frac{\cot^{\frac{2}{3}} x}{\sin^2 x} dx.$
 1135. $\int \frac{1 + \sin 3x}{\cos^2 3x} dx.$
 1136. $\int \frac{(\cos ax + \sin ax)^2}{\sin ax} dx.$
 1137. $\int \frac{\operatorname{cosec}^2 3x}{b - a \cot 3x} dx.$
 1138. $\int (2 \sinh 5x - 3 \cosh 5x) dx.$
 1139. $\int \sinh^2 x dx.$