

1.  $\int \sqrt{1+x^4} x^3 dx$
2.  $\int \frac{(1-x)^3}{x \sqrt[3]{x}} dx$
3.  $\int (x^2 - 4x + 4) dx$
4.  $\int \frac{3x dx}{\sqrt[3]{x^2+6}}$
5.  $\int \frac{(x^{\frac{1}{3}}+2)^4}{\sqrt[3]{x^2}} dx$
6.  $\int \frac{(x+1) dx}{\sqrt{x^2+2x-4}}$
7.  $\int \frac{x^3-4x^2+5x-1}{x^2-2x+1} dx$
8.  $\int (x+1)(x-2)^9 dx$
9.  $\int (x + \frac{1}{x})^{\frac{3}{2}} (1 - \frac{1}{x^2}) dx$
10.  $\int \frac{x+3}{(3-x)^{\frac{2}{3}}} dx$
11.  $\int \sqrt{1 + \frac{1}{2x}} x^{-3} dx$
12.  $\int \frac{x dx}{\sqrt{x+3}}$
13.  $\int \sqrt{3-x} x^2 dx$
14.  $\int \sqrt{3+x} (x+1)^2 dx$
15.  $\int \frac{3 dx}{1+2x}$
16.  $\int \frac{(x+1) dx}{x^2+2x+3}$
17.  $\int \frac{x-1}{x+1} dx$
18.  $\int \frac{2x^3}{x^2-4} dx$
19.  $\int \frac{e^{2x}}{e^{2x}+1} dx$
20.  $\int \frac{e^x-1}{e^x+1} dx$
21.  $\int \frac{dx}{x \ln x}$
22.  $\int \frac{2+\ln x}{x} dx$
23.  $\int \frac{\ln^2 3x}{x} dx$
24.  $\int \frac{\ln(\ln x)}{x \ln x} dx$
25.  $\int \frac{2+\ln^2 x}{x(1-\ln x)} dx$
26.  $\int \frac{x dx}{2+\sqrt{1+x}}$
27.  $\int x e^{-x^2+4} dx$
28.  $\int e^{\frac{1}{x^2}} x^{-3} dx$
29.  $\int \cos x \cdot e^{2 \operatorname{sen} x} dx$
30.  $\int (e^x + 1)^2 e^x dx$
31.  $\int (e^x + 1)^2 dx$
32.  $\int \frac{1+e^{2x}}{e^x} dx$
33.  $\int \frac{e^{3x}+1}{e^x+1} dx$
34.  $\int \frac{e^{2x}}{e^x+3} dx$
35.  $\int \frac{2\sqrt{x}}{\sqrt{x}} dx$
36.  $\int 5^{x^4+2x} (2x^3 + 1) dx$
37.  $\int (2^x + 3^x)^2 dx$
38.  $\int a^x e^x dx$
39.  $\int e^x 2^{e^x} dx$
40.  $\int \frac{2^{x+1}-5^{x-1}}{10^x} dx$
41.  $\int \frac{2^x dx}{\sqrt{3 \cdot 2^x + 4}}$
42.  $\int \int x^2 \sec^2 x^3 dx$
43.  $\int \frac{\sec \sqrt{x}}{\sqrt{x}} dx$
44.  $\int e^x \cos e^x dx$
45.  $\int \tan \frac{x}{2} \sec^2 \frac{x}{2} dx$
46.  $\int \frac{\sec x \tan x}{2+3 \sec x} dx$
47.  $\int \frac{dx}{1+\cos x}$
48.  $\int \frac{dx}{1+\operatorname{sen} x}$
49.  $\int (\sec 5x + \csc 5x)^2 dx$
50.  $\int e^{\tan x} \sec^2 x dx$
51.  $\int (\frac{\sec x}{1+\tan x})^2 dx$
52.  $\int (\tan 2x - 1)^2 dx$
53.  $\int (\sec x - \tan x)^2 dx$
54.  $\int \frac{\cot x}{\cot^2 x - 1} dx$
55.  $\int \sqrt{\frac{1-\operatorname{sen} x}{1+\operatorname{sen} x}} dx$

56.  $\int \operatorname{sen} 2x \cos 4x \, dx$
57.  $\int \operatorname{sen} x \cos x (\operatorname{sen} x + \cos x) dx$
58.  $\int \frac{dx}{\operatorname{sen}^2 x \cos^2 x}$
59.  $\int \frac{\sqrt{5+2 \tan x}}{\cos^2 x} dx$
60.  $\int \frac{dx}{\operatorname{sen} 2x \ln(\tan x)}$
61.  $\int \frac{dx}{\operatorname{sen}^2 x \cos x}$
62.  $\int \frac{dx}{\operatorname{sen} x \cos^3 x} dx$
63.  $\int \frac{\operatorname{sen} x \cos^3 x}{1+\cos^3 x} dx$
64.  $\int \operatorname{sen}^2 x \, dx$
65.  $\int \cos^3 x \, dx$
66.  $\int \operatorname{sen}^4 x \, dx$
67.  $\int \cos^5 x \, dx$
68.  $\int \operatorname{sen}^6 x \, dx$
69.  $\int \operatorname{sen}^2 x \cos^2 x \, dx$
70.  $\int \operatorname{sen}^2 x \cos^4 x \, dx$
71.  $\int \operatorname{sen}^4 x \cos^5 x \, dx$
72.  $\int \operatorname{sen}^5 x \cos^5 x \, dx$
73.  $\int \cos^4 2x \operatorname{sen}^3 2x \, dx$
74.  $\int (\operatorname{sen}^2 x + \cos x)^2 dx$
75.  $\int \frac{\cos^3 x}{\operatorname{sen} x} dx$
76.  $\int \frac{\operatorname{sen}^3 x}{\cos^6 x} dx$
77.  $\int \sqrt{\cos x} \operatorname{sen}^3 x \, dx$
78.  $\int \frac{\operatorname{sen}^5 x}{\sqrt{\cos x}} dx$
79.  $\int (1 + \cos 3x)^{\frac{3}{2}} dx$
80.  $\int \frac{dx}{\sqrt{4-x^2}}$
81.  $\int \frac{dx}{9+x^2}$
82.  $\int \frac{dx}{\sqrt{2-5x^2}}$
83.  $\int \frac{dx}{x\sqrt{4x^2-9}}$
84.  $\int \frac{x dx}{\sqrt{16-9x^4}}$
85.  $\int \frac{x dx}{x^4+3}$
86.  $\int \frac{x^2 dx}{1+x^2}$
87.  $\int \frac{3x^3-4x^2+3x}{x^2+1} dx$
88.  $\int \frac{dx}{1+(2x-1)^2}$
89.  $\int \frac{e^x dx}{7+e^{2x}}$
90.  $\int \frac{dx}{e^x + e^{-x}}$
91.  $\int \frac{e^x dx}{e^{2x} + e^x - 3}$
92.  $\int \frac{\operatorname{sen} 8x}{9+\operatorname{sen}^4 4x} dx$
93.  $\int \frac{2x-7}{x^2+9} dx$
94.  $\int \frac{dx}{\sqrt{8-4x-x^2}}$
95.  $\int \frac{dx}{x^2-x+2}$
96.  $\int \frac{dx}{\sqrt{2+6x-3x^2}}$
97.  $\int \frac{dx}{(x-2)\sqrt{x^2-4x+1}}$
98.  $\int \frac{x dx}{\sqrt{1-3x^2-2x^4}}$
99.  $\int \frac{x dx}{\sqrt{3-2x-x^2}}$
100.  $\int \frac{2x+3}{9x^2-12x+8} dx$
101.  $\int \frac{8x-3}{\sqrt{12x-4x^2-8}} dx$
102.  $\int \frac{x^3 dx}{x^4+x^2+1}$
103.  $\int \frac{2x^3 dx}{2x^2-4x+3}$
104.  $\int \frac{x+x^3}{\sqrt{1+x^2-x^4}} dx$
105.  $\int \frac{dx}{(1+x)\sqrt{x}}$
106.  $\int \frac{dx}{x\sqrt{x-1}}$
107.  $\int \frac{dx}{\sqrt{x(1-x)}}$
108.  $\int \frac{dx}{\sqrt{x+1}\sqrt{(x+1)^3}}$
109.  $\int \frac{dx}{\sqrt{2x+1-\sqrt{x}}}$
110.  $\int \left( \frac{\cos x}{\sqrt{\cos 2x}} + \frac{\cos x}{\sqrt{2+\cos 2x}} \right) dx$

111.  $\int \frac{dx}{\sqrt{\sqrt{x}+1}}$
112.  $\int \frac{x \cos x dx}{(x \operatorname{sen} x + \cos x - 1)^m}$
113.  $\int \frac{dx}{e^{-x} + e^x}$
114.  $\int x^{2x}(\ln x + 1)dx$
115.  $\int \frac{e^x(1+x \ln x)}{x}dx$
116.  $\int \frac{\sqrt{x-x^3}e^x+x^2}{x^3}dx$
117.  $\int \frac{ax+b}{px+q}dx$
118.  $\int \frac{xdx}{6+(3+2x^2)^2}$
119.  $\int \sqrt{\frac{\ln(x+\sqrt{1+x^2})}{1+x^2}}dx$
120.  $\int \frac{dx}{\operatorname{sen}^2 x \sqrt[3]{\cot x - 1}}$
121.  $\int \frac{x^3-1}{x^4-4x+1}dx$
122.  $\int \frac{\arctan \sqrt{x}dx}{\sqrt{x+2x^2+x^3}}$
123.  $\int \frac{2x-\sqrt{\operatorname{arcsen} x}}{\sqrt{1-x^2}}dx$
124.  $\int \frac{\ln x-1}{\ln^2 x}dx$
125.  $\int \frac{xdx}{\sqrt{1-x^4}}$
126.  $\int \frac{x^3 dx}{\sqrt{1-x^8}}$
127.  $\int \frac{\sqrt{1-x^2} \operatorname{arcsen} x - x}{\sqrt{1-x^2}(\operatorname{arcsen} x)^2}dx$
128.  $\int \frac{\operatorname{sen} x - x \ln x \cdot \cos x}{x \operatorname{sen}^2 x}dx$
129.  $\int \frac{dx}{e^x \sqrt{1-e^{-2x}}}$
130.  $\int \frac{\cos x dx}{\sqrt{-2-\operatorname{sen}^2 x + 3 \operatorname{sen} x}}$
131.  $\int \frac{3x+1}{\sqrt{5x^2+1}}dx$
132.  $\int \frac{dx}{\sqrt{a^2+b^2x^2}}$
133.  $\sqrt{x^2+2x+5}dx$
134.  $\sqrt{2-x-x^2}dx$
135.  $\int \sqrt{6x-x^2}dx$
136.  $\int \frac{dx}{\sqrt{x-1}+\sqrt{x+1}}$
137.  $\int \frac{dx}{\sqrt{2x+1}-\sqrt{x}}$
138.  $\int \frac{dx}{\sqrt{e^x-1}}$
139.  $\int \frac{e^x \sqrt{e^x+2}}{e^x+6}dx$
140.  $\int \frac{\ln x dx}{x^3(\ln x-1)^3}$
141.  $\int \tan(\operatorname{sen} x + 5) \cos x dx$
142.  $\int \frac{\tan \sqrt{\ln x} dx}{x \sqrt{\ln x}}$
143.  $\int \cos(\operatorname{sen} x + 2x) \cos(x+2)dx$
144.  $\int (\ln x + 1)e^{x \ln x}dx$
145.  $\int \frac{dx}{a^2x^2-b^2}$
146.  $\int \frac{x^3+3x}{x^2+1}dx$
147.  $\int x^2 \sqrt{x+1}dx$
148.  $\int \frac{dx}{\sqrt{1+\sqrt{1+x}}}$
149.  $\int \frac{x^2-3x-8}{x^2-2x+1}dx$
150.  $\int \frac{x^2+1}{(x+2)^2}dx$
151.  $\int \frac{\operatorname{sen}^3 x}{\cos^4 x}dx$
152.  $\int \sec^4 x \sqrt{\cot^3 x}dx$
153.  $\int \frac{\operatorname{sen}^3 x}{\sqrt[3]{\cos^4 x}}dx$
154.  $\int \frac{\operatorname{sen}(x+\pi/4)}{\operatorname{sen} x \cos x}dx$
155.  $\int \sqrt[3]{\frac{\operatorname{sen}^2 x}{\cos^{14} x}}dx$
156.  $\int \frac{dx}{\operatorname{sen}^4 x \cdot \cos^4 x}$
157.  $\int \frac{\operatorname{sen}^3 x}{\sqrt{\cos x}}dx$
158.  $\int \operatorname{sen} 10x \cdot \operatorname{sen} 20x \cdot \operatorname{sen} 30x dx$
159.  $\int \int \frac{\ln 3x dx}{x \ln 5x}$
160.  $\int \sqrt{\frac{\ln(x+\sqrt{x^2+1})}{1+x^2}}dx$
161.  $\int \frac{(x-2)dx}{x\sqrt{x-1}\sqrt{x^2-x+1}}$
162.  $\int \sec^3 x dx$
163.  $\int x \ln x dx$

164.  $\int \frac{\ln x}{x^2} dx$
165.  $\int x 3^x dx$
166.  $\int \arcsen x dx$
167.  $\int \arctan \sqrt{x} dx$
168.  $\int x^3 e^{x^2} dx$
169.  $\int x \log_{10} x^2 dx$
170.  $\int x^3 \sqrt{x+1} dx$
171.  $\int x^3 \sqrt{x^2+1} dx$
172.  $\int x^2 \cos x dx$
173.  $\int \sen(\ln x) dx$
174.  $\int \sec^5 x dx$
175.  $\int x^2 \sen h x dx$
176.  $\int \frac{x + \sen x}{1 + \cos x} dx$
177.  $\int \frac{\ln x}{(x+1)^2} dx$
178.  $\int \ln(\sqrt{1+x^2}) dx$
179.  $\int \frac{x \ln(x + \sqrt{1+x^2})}{\sqrt{1+x^2}} dx$
180.  $\int \frac{\ln(\sen x)}{\cos^2 x} dx$
181.  $\int x(\arctan x)^2 dx$
182.  $\int \sqrt{x^2 - a^2} dx$
183.  $\int \frac{dx}{\sqrt{x^2+4}}$
184.  $\int \frac{dx}{(25-x^2)^{3/2}}$
185.  $\int \frac{\sec^2 x}{(4 - \tan^2 x)^{3/2}} dx$
186.  $\int \frac{e^{-x} dx}{(9e^{-2x} + 1)^{3/2}}$
187.  $\int x^2 \sqrt{16 - x^2} dx$
188.  $\int \frac{\sqrt{1+x^2} + \sqrt{1-x^2}}{\sqrt{1-x^4}} dx$
189.  $\int \frac{\sqrt{x^2+1} - \sqrt{x^2-1}}{\sqrt{x^4-1}} dx$
190.  $\int \frac{\sqrt{x^2+9}}{x^6} dx$
191.  $\int \frac{x dx}{(7+4x+x^2)^{3/2}}$
192.  $\int \frac{dx}{\sqrt{x^2-4x+13}}$
193.  $\int \frac{dx}{(5-4x-x^2)^{3/2}}$
194.  $\int \sqrt{x^4 + 2x^2 - 1} dx$
195.  $\int \frac{x^3 dx}{\sqrt{x^4-2x^2-1}}$
196.  $\int \frac{6x^2-2x-1}{4x^3-x} dx$
197.  $\int \frac{dx}{3x^2+4x-7}$
198.  $\int \frac{2x^2-3x-2}{x^3+x^2-2x} dx$
199.  $\int \frac{dx}{x^2-3x+1}$
200.  $\int \frac{x^4-8}{x^3+2x^2} dx$
201.  $\int \frac{x^4+3x^3-5x^2-4x+17}{x^3+x^2-5x+3} dx$
202.  $\int \frac{-24x^3+30x^2+52x+17}{9x^4-6x^3-11x^2+4x+4} dx$
203.  $\int \frac{x^2-2x-3}{(x-1)(x^2+2x+2)} dx$
204.  $\int \frac{2x^3}{x^4-1} dx$
205.  $\int \frac{x^2+x}{x^3-x^2+x-1} dx$
206.  $\int \frac{dx}{x^3+8}$
207.  $\int \frac{x^3-2x}{x^4-81} dx$
208.  $\int \frac{x-2}{x(x^2-4x+5)} dx$
209.  $\int \frac{x^4+1}{x(x^2+1)^2} dx$
210.  $\int \frac{2x^2-x+2}{x^5+2x^3+x} dx$
211.  $\int \frac{x^5+2x^3+4x+4}{x^4+2x^3+2x^2} dx$
212.  $\int \frac{(\sec^2 x + 1) \sec^2 x}{1 + \tan^3 x} dx$
213.  $\int \frac{\ln^3 x}{x^2} dx$
214.  $\int \frac{\ln^2 x}{x^{5/3}} dx$
215.  $\int x^3 \ln^2 x dx$
216.  $\int x \ln \frac{1-x}{1+x} dx$
217.  $\int \ln(\sqrt{x} + \sqrt{1+x}) dx$

218.  $\int \frac{x e^x}{(1+x)^2} dx$
219.  $\int x^3 e^{-x/3} dx$
220.  $\int \frac{3x^2+2x-1}{4e^{3x}} dx$
221.  $\int \arctan \sqrt{x} dx$
222.  $\int x \arctan^2 x dx$
223.  $\int \frac{\arctan x}{x^2} dx$
224.  $\int \frac{x^2+1}{(x+1)^2} e^x dx$
225.  $\int \frac{x}{\sqrt{1-x^2}} \ln\left(\frac{x+1}{x-1}\right) dx$
226.  $\int x \arctan \sqrt{x^2-1} dx$
227.  $\int \frac{x \arctan x}{(1+x^2)^2} dx$
228.  $\int x \operatorname{sen} x \cos x dx$
229.  $\int x \csc^2\left(\frac{x}{2}\right) dx$
230.  $\int \frac{x}{\operatorname{sen}^2 x} dx$
231.  $\int \frac{x \cos x}{\operatorname{sen}^2 x} dx$
232.  $\int \sec^5 x dx$
233.  $\int \arccos x dx$
234.  $\int 6x^2 \operatorname{arcsen} 2x dx$
235.  $\int \frac{x \operatorname{arcsen} x}{(1-x^2)^{3/2}} dx$
236.  $\int (\arccos x - \ln x) dx$
237.  $\int \frac{\operatorname{sen}^2 x}{e^x} dx$
238.  $\int e^{2x} \cos(e^x) dx$
239.  $\int (\operatorname{arcsec} x)^2 dx$
240.  $\int \operatorname{sen} x \ln(1 + \operatorname{sen} x) dx$
241.  $\int \frac{\sqrt{4+x^2}}{x^6} dx$
242.  $\int \frac{\sqrt{25-x^2}}{x} dx$
243.  $\int \frac{(16-9x^2)^{3/2}}{x^6} dx$
244.  $\int \frac{1+\sqrt{x^2+1}}{(x^2+1)^{3/2}} dx$
245.  $\int \frac{x^2}{\sqrt{21+4x-x^2}} dx$
246.  $\int \frac{\sec^2 \tan^2 x}{\sqrt{2+\sec^2 x}} dx$
247.  $\int \frac{\sqrt{x^2-16}}{x} dx$
248.  $\int \frac{x^2}{(a^2-x^2)^{3/2}} dx$
249.  $\int \frac{e^x}{\sqrt{(e^{2x}-2e^x+5)^3}} dx$
250.  $\int \frac{4x+5}{(x^2-2x+2)^{3/2}} dx$
251.  $\int \frac{2x-3}{(x^2+2x-3)^{3/2}} dx$
252.  $\int \frac{x^2+3x}{(x-1)(x^2-2x+10)^{1/2}} dx$
253.  $\int \frac{x^2-3}{x(x^4-4)^{1/2}} dx$
254.  $\int \frac{4x^2+1}{(x-3)(6x-x^2-8)^{1/2}} dx$
255.  $\int \frac{dx}{(1-x^2)\sqrt{1+x^2}}$
256.  $\int \frac{(x^2+2x)^{1/2}}{x+1} dx$
257.  $\int \frac{(a^2-x^2)^{1/2}}{x^2} dx$
258.  $\int \frac{1}{(4x-x^2)^{3/2}} dx$
259.  $\int \frac{(16-e^{2x})^{1/2}}{e^x} dx$
260.  $\int \frac{(4x-25)}{(x^2-2x+2)^{3/2}} dx$
261.  $\int \frac{(x^2-4x)^{1/2}}{x^3} dx$
262.  $\int \frac{1}{(x^2-1)(x^2-2)^{1/2}} dx$
263.  $\int x^3(a^2x^2-b^2)^{1/2} dx$
264.  $\int \frac{e^t}{(e^{2t}+8t+7)^{3/2}} dt$
265.  $\int \frac{3x \operatorname{arcsen} x}{(1-x^2)^{1/5}} dx$
266.  $\int x^3 \sqrt{x^2-a^2} dx$
267.  $\int \frac{x^2-3}{x\sqrt{x^4-4}} dx$
268.  $\int \frac{x}{(x^2-2)\sqrt{x^4-4x^2+5}} dx$
269.  $\int \frac{x^2}{\sqrt{-4x^2-12x-5}} dx$
270.  $\int \frac{2x^2+41x-91}{(x-1)(x+3)(x-4)} dx$
271.  $\int \frac{2x^2-5}{x^4-5x^2+6} dx$

272.  $\int \frac{4x^3+4x^2-18x+6}{x^4-3x^3-x^2+3x} dx$
273.  $\int \frac{2x^2-1}{x^3-x} dx$
274.  $\int \frac{32x}{(2x-1)(4x^2-16x+15)} dx$
275.  $\int \frac{x}{x^4-3x^2+2} dx$
276.  $\int \frac{x+1}{x^3+x^2-6x} dx$
277.  $\int \frac{3x+5}{x^3-x^2-x+1} dx$
278.  $\int \frac{x^2-x+1}{x^4-5x^3+5x^2+5x-6} dx$
279.  $\int \frac{x^6-2x^4-3x^3-9x^2+4}{x^5-5x^3+4x} dx$
280.  $\int \frac{x^4+3x^3-5x^2-4x+17}{x^3+x^2-5x+3} dx$
281.  $\int \frac{5x^2-11x+5}{x^3-4x^2+5x-2} dx$
282.  $\int \frac{3x+2}{x(x+1)^3} dx$
283.  $\int \frac{x^3+4x+1}{x^4+x^2+1} dx$
284.  $\int \frac{-24x^3+30x^2+52x+17}{9x^4-6x^3-11x^2+4x+4} dx$
285.  $\int \frac{x^2-3x-7}{(2x+3)(x+1)^2} dx$
286.  $\int \frac{x^2-3x+2}{x(x^2+2x+1)} dx$
287.  $\int \frac{x^3-6x^2+9x+7}{(x-2)^2(x-5)} dx$
288.  $\int \frac{x^2-2x+3}{(x-1)(x^3-4x^2+3x)} dx$
289.  $\int \frac{x^4-x^3-x-1}{x^3-x^2} dx$
290.  $\int \frac{2x+3}{(x+2)(x-1)^2} dx$
291.  $\int \frac{x^2+x-1}{x^3+x^2} dx$
292.  $\int \frac{x+1}{x^3-2x^2+3x} dx$
293.  $\int \frac{1}{(x^2-4x+3)(x^2+4x+5)} dx$
294.  $\int \frac{x^5}{(x^2+4)^2} dx$
295.  $\int \frac{1}{(x^2+2x+5)^3} dx$
296.  $\int \frac{6x^3}{(x^2+1)^2} dx$
297.  $\int \frac{1}{x^4+x^2+1} dx$
298.  $\int \frac{x^3+x^2+x+2}{x^4+3x^2+2} dx$
299.  $\int \frac{x^4+8x^3-x^2+2x+1}{(x^2+x)(x^3+1)} dx$
300.  $\int \frac{x^3+x^2-5x+15}{(x^2+5)(x^2+2x+3)} dx$
301.  $\int \frac{1}{(x^2-x)(x^2-x+1)^2} dx$
302.  $\int \frac{x^2+2x-1}{x^3-27} dx$
303.  $\int \frac{2x^2-3x-3}{(x-1)(x^2-2x+5)} dx$
304.  $\int \frac{2x^2-x+2}{x^5+2x^3+x} dx$
305.  $\int \frac{(x+1)^4}{(x^2+2x+2)^3} dx$
306.  $\int \frac{x^4+1}{(x^2+4)^3} dx$
307.  $\int \frac{2x}{(1+x9((1+x^2)^2)} dx$
308.  $\int \frac{1+2x-x^2}{(1+x)^2(1+x^2)} dx$
309.  $\int \frac{4x^2+2x+8}{x^5+4x^3+4x} dx$
310.  $\int \frac{1}{2\sin x-3\cos x-5} dx$
311.  $\int \frac{1}{4\sin x+3\cos x} dx$
312.  $\int \frac{2-\sin x}{2+\cos x} dx$
313.  $\int \frac{\sin x}{2-\sin x} dx$
314.  $\int \frac{1}{(2+\cos x)(3+\cos x)} dx$
315.  $\int \frac{1}{8-4\sin x+7\cos x} dx$
316.  $\int \frac{1}{\sin^2 x-5\sin x \cos x} dx$
317.  $\int \frac{1}{\cos^2 x+2\sin x \cos x+2\sin^2 x} dx$
318.  $\int \frac{1}{\sin^2 x+3\sin x \cos x-\cos^2 x} dx$
319.  $\int \frac{1}{(\sin x+\cos x)^2} dx$
320.  $\int \frac{\sin x}{\cos x(1+\cos^2 x)} dx$
321.  $\int \frac{1}{a^2 \sin^2 x+b^2 \cos^2 x} dx$
322.  $\int \frac{1-a \cos x}{1-2a \cos x+a^2} dx$
323.  $\int \frac{\sin x+\cos x}{2\sin^2 x-4\sin x \cos x+5 \cos^2 x} dx$
324.  $\int \frac{\sin x+2 \cos x-3}{\sin x-2 \cos x+3} dx$