	integrali immediati				
1	$\displaystyle\int 4\cos x \ dx$	$4\sin x + c$	2	$\displaystyle\int 7x^{48} \ dx$	$\dfrac{1}{7} x^{49} + c$
3	$\displaystyle\int \dfrac{7}{x} \ dx$	$7\ln x + c$	4	$\displaystyle\int 2\sqrt[7]{x^3} \ dx$	$\dfrac{7}{5} x \sqrt[7]{x^3} + c$
5	$\displaystyle\int 7x^5 \sqrt[3]{x} \ dx$	$\dfrac{21}{19} x^6 \sqrt[3]{x} + c$	6	$\displaystyle\int \left(\dfrac{3}{4}\right)^x \ dx$	$\left(\dfrac{3}{4}\right)^x \log_{\frac{3}{4}} e + c$
7	$\displaystyle\int \dfrac{x^3}{\sqrt{x}} \ dx$	$\dfrac{2}{7} x^3 \sqrt{x} + c$	8	$\displaystyle\int 3\sin 5x \ dx$	$-\dfrac{3}{5}\cos 5x + c$
9	$\displaystyle\int 5x^5 \ dx$	$\dfrac{5}{6} x^6 + c$	10	$\displaystyle\int \cos 4x \ dx$	$\dfrac{1}{4}\sin 4x + c$
11	$\displaystyle\int \dfrac{8}{\sqrt{1-x^2}} \ dx$	$8\arcsin x + c$	12	$\displaystyle\int e^{6x} \ dx$	$\dfrac{1}{6} e^{6x} + c$
13	$\displaystyle\int \dfrac{\sqrt{2}}{\cos^2 x} \ dx$	$\sqrt{2}\tan x + c$	14	$\displaystyle\int \dfrac{\sqrt[4]{x}}{x} \ dx$	$4\sqrt[4]{x} + c$
15	$\displaystyle\int \dfrac{7}{x^2+1} \ dx$	$7\arctan x + c$	16	$\displaystyle\int \dfrac{3}{x^{\frac{2}{3}}} \ dx$	$9\sqrt[3]{x} + c$
17	$\displaystyle\int \dfrac{1}{x^2} \ dx$	$-\dfrac{1}{x} + c$	18	$\displaystyle\int \dfrac{-21}{\sin^2 x} \ dx$	$21\cot x + c$
19	$\displaystyle\int 6\, e^{2x} \ dx$	$3\, e^{2x} + c$	20	$\displaystyle\int \dfrac{x \sqrt[4]{x}}{\sqrt[3]{x}} \ dx$	$\dfrac{12}{23} x \sqrt[12]{x^{11}} + c$
21	$\displaystyle\int \dfrac{-3}{\sqrt{1-x^2}} \ dx$	$-3\arcsin x + c$	22	$\displaystyle\int \dfrac{-2\,x}{7\sqrt[5]{x}} \ dx$	$-\dfrac{10}{63} x \sqrt[5]{x^4} + c$
23	$\displaystyle\int \dfrac{-2}{9\sin^2 x} \ dx$	$\dfrac{2}{9}\cot x + c$	24	$\displaystyle\int -\dfrac{\sqrt{3}}{\cos^2 x} \ dx$	$-\sqrt{3}\tan x + c$
25	$\displaystyle\int \dfrac{\ln 7}{x} \ dx$	$\ln 7 \cdot \ln x + c$	26	$\displaystyle\int \dfrac{\pi\,x}{\sqrt{3}} \ dx$	$\dfrac{\pi}{6} \sqrt{3}\, x^2 + c$
27	$\displaystyle\int 2(1+\tan^2 x) \ dx$	$2\tan x + c$	28	$\displaystyle\int -\dfrac{1}{1+x^2} \ dx$	$-\arctan x + c$
29	$\displaystyle\int \sqrt[4]{x^3} \sqrt[3]{x} \ dx$	$\dfrac{12}{25} x^2 \sqrt[12]{x} + c$	30	$\displaystyle\int 4\,x^3 \sqrt[5]{x} \ dx$	$\dfrac{20}{21} x^4 \sqrt[5]{x} + c$
31	$\displaystyle\int \left(\dfrac{1}{7}\right)^x \ dx$	$-\dfrac{1}{\ln 7}\left(\dfrac{1}{7}\right)^x + c$	32	$\displaystyle\int \dfrac{1}{x^3} \ dx$	$-\dfrac{1}{2\,x^2} + c$

integrali immediati generalizzati: (i risultati sono riportati alla fine del file)

33	$\displaystyle\int \sin^4 x \cos x \; dx$	34	$\displaystyle\int \frac{3}{x \sqrt[3]{7 - 4\ln x}} \, dx$
35	$\displaystyle\int x \, (x^2 + 3)^5 \, dx$	36	$\displaystyle\int \frac{\tan^4 x}{\cos^2 x} \, dx$
37	$\displaystyle\int \frac{\ln^4 x}{x} \, dx$	38	$\displaystyle\int \frac{1}{\sqrt{1 - 9x^2}} \, dx$
39	$\displaystyle\int \frac{\arcsin^4 x}{\sqrt{1 - x^2}} \, dx$	40	$\displaystyle\int \frac{1}{2 + e^{-x}} \, dx$
41	$\displaystyle\int \frac{e^x}{1 + e^{2x}} \, dx$	42	$\displaystyle\int \frac{x}{\sin^2 x^2} \, dx$
43	$\displaystyle\int \frac{e^{\sqrt{x}}}{\sqrt{x}} \, dx$	44	$\displaystyle\int \frac{x^2}{\cos^2 x^3} \, dx$
45	$\displaystyle\int \frac{\arctan^3 x}{1 + x^2} \, dx$	46	$\displaystyle\int e^x \cos(e^x) \, dx$
47	$\displaystyle\int \frac{\sqrt{2 + \cot x}}{\sin^2 x} \, dx$	48	$\displaystyle\int \tan(5x - 2) \, dx$
49	$\displaystyle\int \sin(6x + 3) \, dx$	50	$\displaystyle\int \frac{x^3}{\sqrt{1 - x^8}} \, dx$
51	$\displaystyle\int (7 + e^x)^4 \, e^x dx$	52	$\displaystyle\int \frac{x^2}{\sqrt{1 + x^3}} \, dx$
53	$\displaystyle\int \frac{3 + \sin x}{3\,x - \cos x} \, dx$	54	$\displaystyle\int \frac{\sin(\ln x)}{x} \, dx$
55	$\displaystyle\int \sin x \, \sqrt{(1 + \cos x)} \, dx$	56	$\displaystyle\int \frac{1}{(1 + x)\sqrt{x}} \, dx$
57	$\displaystyle\int \frac{6x - 1}{3x^2 - x + 1} \, dx$	58	$\displaystyle\int \frac{x^3}{x^4 - 3} \, dx$
59	$\displaystyle\int e^{4x - 2} \, dx$	60	$\displaystyle\int \frac{\sin x \cos x}{\sqrt{1 + \sin^2 x}} \, dx$

Calcolo di integrali indefiniti

61	$\int (x+2)^7 \, dx$	62	$\int \dfrac{2^{\arcsin x}}{\sqrt{1-x^2}} \, dx$
63	$\int \dfrac{x^3}{1+x^8} \, dx$	64	$\int \dfrac{\cos x}{sen^2 \sin x} \, dx$
65	$\int \cos x \; e^{\sin x} \, dx$	66	$\int x^3 \, e^{x^4} \, dx$
67	$\int sin^5 x \cos x \, dx$	68	$\int x \, (x^2+7) \, dx$
69	$\int \dfrac{arcsin^2 x}{\sqrt{1-x^2}} \, dx$	70	$\int \dfrac{arctan^7 x}{1+x^2} \, dx$
71	$\int \dfrac{ln^6 x}{x} \, dx$	72	$\int \dfrac{\cos x}{1+sin^2 x} \, dx$
73	$\int \dfrac{1}{x\sqrt{1-ln^2 x}} \, dx$	74	$\int \dfrac{e^{\arctan x}}{1+x^2} \, dx$
75	$\int x \, (x^2+1)^4 \, dx$	76	$\int \dfrac{1-\sin x}{x+\cos x} \, dx$
77	$\int \dfrac{\cos x}{sin^3 x} \, dx$	78	$\int \dfrac{e^x}{\sqrt{1-e^{2x}}} \, dx$
79	$\int \sin(5x+4) \, dx$	80	$\int (2x-9)^7 \, dx$
81	$\int (2x+5)\sin(x^2+5x) \, dx$	82	$\int \dfrac{2x+1}{x^2+x+5} \, dx$
83	$\int (5+e^x)^3 \, e^x \, dx$	84	$\int \cos x \, \sqrt{3+\sin x} \, dx$
85	$\int \dfrac{x^2}{x^3+1} \, dx$	86	$\int x \, e^{x^2} \, dx$
87	$\int \sqrt{2-3x+7x^3} \; (7x^2-1) \, dx$	88	$\int \tan(2x+3) \, dx$

Calcolo di integrali indefiniti

89	$\int \cos(7x+3)\,dx$	90	$\int e^{5x-2}\,dx$
91	$\int \dfrac{x}{1+x^4}\,dx$	92	$\int \dfrac{x^2}{\sqrt{1-x^6}}\,dx$
93	$\int \dfrac{arcsin(1-2x)}{\sqrt{x-x^2}}\,dx$	94	$\int \dfrac{x^3}{\sqrt{1+x^4}}\,dx$
95	$\int \dfrac{cos(\ln x)}{x}\,dx$	96	$\int \dfrac{1}{x\ \sqrt[3]{8-5\ln x}}\,dx$
97	$\int \dfrac{\cos x}{5+sin^2 x}\,dx$	98	$\int \dfrac{tan^3 x}{cos^2 x}\,dx$
99	$\int \dfrac{1}{\sqrt{1-4x^2}}\,dx$	100	$\int \dfrac{1}{(1+x)\sqrt{x}}\,dx$
101	$\int x\sin(3+x^2)\,dx$	102	$\int \dfrac{1}{\sqrt[3]{x^2}\left(1+\sqrt[3]{x^2}\right)}\,dx$
103	$\int (x+1)^8\,dx$	104	$\int \dfrac{1}{3x+5}\,dx$
105	$\int \dfrac{1}{x\sqrt{\ln x}}\,dx$	106	$\int \dfrac{2x^2}{1+x^6}\,dx$
107	$\int 7\,x^4 e^{5-x^5}\,dx$	108	$\int \dfrac{1}{(1+a+x)\sqrt{a+x}}\,dx$
109	$\int e^x \sin(e^x)\,dx$	110	$\int \dfrac{x}{cos^2 x^2}\,dx$
111	$\int \sqrt{1-\sin x}\,\cos x\,dx$	112	$\int \dfrac{x}{(x^2+a^2)^5}\,dx$
113	$\int \dfrac{\sin x}{1+\cos x}\,dx$	114	$\int \dfrac{e^{arcsin x}}{\sqrt{1-x^2}}\,dx$
115	$\int \sqrt{\dfrac{\sin x}{cos^5 x}}\,dx$	116	$\int \dfrac{\sin x \cos x}{\sqrt{1+cos^2 x}}\,dx$
117	$\int \dfrac{5}{\sqrt{x}\,(1+x)}\,dx$	118	$\int \dfrac{1}{x\,(9+ln^2 x)}\,dx$

	integrazione per decomposizione in somma	
119	$\int \left(3x^2 + \dfrac{2}{x} - 3e^x\right) dx$	$x^3 + 2\,ln|x| - 3\,e^x + c$
120	$\int \dfrac{2x^4 - 3x^2 + 7x}{x^2}\, dx$	$\dfrac{2}{3}x^3 - 3\,x + 7\,ln|x| + c$
121	$\int \left(\dfrac{4}{1+x^2} - \dfrac{2}{3}\,cos\,x\right) dx$	$4\,arctan\,x - \dfrac{2}{3}\,sin\,x + c$
122	$\int (1-x^2)^2\, dx$	$x - \dfrac{2}{3}\,x^3 + \dfrac{1}{5}\,x^5 + c$
123	$\int \dfrac{\sqrt{x} - 2\sqrt[3]{x^2} + 1}{\sqrt[4]{x}}\, dx$	$\dfrac{4}{5}\,x\sqrt[4]{x} - \dfrac{24}{17}\,x\sqrt[12]{x^5} + \dfrac{4}{3}\sqrt[4]{x^3} + c$
124	$\int \left(4\sqrt{x} + 2\,x^4 + 5\right) dx$	$\dfrac{8}{3}\,x\sqrt{x} + \dfrac{2}{5}\,x^5 + 5\,x + c$
125	$\int (2x+5)^3\, dx$	$2x^4 + 20x^3 + 75x^2 + 125x + c$
126	$\int \left(2\sqrt[4]{x^3} + 2\sqrt{x} + \dfrac{3}{\sqrt[3]{x}}\right) dx$	$\dfrac{8}{7}\,x\sqrt[4]{x^3} + \dfrac{4}{3}\,x\sqrt{x} + \dfrac{9}{2}\sqrt[3]{x^2} + c$
127	$\int \dfrac{2\,cos\,x + sin\,2x}{cos\,x}\, dx$	$2\,x - 2\,cos\,x + c$
128	$\int \dfrac{x+3}{x-2}\, dx$	$x + 5\,ln|x-2| + c$
129	$\int \left(x^2 - \dfrac{2x-1}{x^2}\right) dx$	$\dfrac{x^3}{3} - 2\,ln|x| - \dfrac{1}{x} + c$
130	$\int \left(5x^3 - \dfrac{3}{x^2}\right)\left(5x^3 + \dfrac{3}{x^2}\right) dx$	$\dfrac{25}{7}\,x^7 + \dfrac{3}{x^3} + c$
131	$\int \dfrac{x}{x-1}\, dx$	$x + ln|x-1| + c$
132	$\int \left(\dfrac{-2}{\sqrt{1-x^2}} + sec^2 x\right) dx$	$-2\,arcsin\,x + tan\,x + c$
133	$\int \left(\sqrt[3]{x^2} - \dfrac{1}{\sqrt[3]{x^2}}\right) dx$	$\dfrac{3}{5}\,x\sqrt[3]{x^2} - 3\sqrt[3]{x} + c$
134	$\int \dfrac{3x^4 - 2x^3 + x - 5}{x^3}\, dx$	$\dfrac{3}{2}\,x^2 - 2\,x - \dfrac{1}{x} + \dfrac{5}{2x^2} + c$
135	$\int \dfrac{x^3 - 1}{x-1}\, dx$	$\dfrac{x^3}{3} + \dfrac{x^2}{2} + x + c$
136	$\int \dfrac{cos\,2x}{cos\,x + sin\,x}\, dx$	$sin\,x + cos\,x + c$

Calcolo di integrali indefiniti

	integrazione per sostituzione	
137	$\int \dfrac{e^{\sqrt{x}}}{\sqrt{x}}\, dx$	$2\, e^{\sqrt{x}} + c$
138	$\int \dfrac{e^x}{2 + e^x}\, dx$	$ln(2 + e^x) + c$
139	$\int \dfrac{1}{(1+x)\,\sqrt{x}}\, dx$	$2\, arctan \sqrt{x} + c$
140	$\int \dfrac{1}{e^x + e^{-x}}\, dx$	$arctan\, e^x + c$
141	$\int \sqrt{1 + 4x}\, dx$	$\dfrac{1}{6}\,(1 + 4x)\,\sqrt{1 + 4x} + c$
142	$\int x\, \sqrt[3]{2 - x}\, dx$	$-\dfrac{9 + 6x}{14}\,(2 - x)\,\sqrt[3]{2 - x} + c$
143	$\int \dfrac{1}{x\,\sqrt{2x - 1}}\, dx$	$2\, arctan \sqrt{2x - 1} + c$
144	$\int \dfrac{1 - \cos x}{(x - \sin x)^2}\, dx$	$\dfrac{1}{\sin x - x} + c$
145	$\int \dfrac{\cos x}{1 + \sin^2 x}\, dx$	$arctan \sin x + c$
146	$\int \dfrac{e^x - e^{-x}}{e^x + e^{-x}}\, dx$	$ln(e^x + e^{-x}) + c$
147	$\int \dfrac{\sin\left(1 - \sqrt{x}\right)}{\sqrt{x}}\, dx$	$2\cos(1 - \sqrt{x}) + c$
148	$\int e^x\, \sqrt[4]{e^x + 5}\, dx$	$\dfrac{4}{5}\,(e^x + 5)\,\sqrt[4]{e^x + 5} + c$
149	$\int \dfrac{4\, e^x}{e^{2x} + 1}\, dx$	$4\, arctan\, e^x + c$
150	$\int \dfrac{x}{\sqrt{4 - x}}\, dx$	$-\dfrac{2}{3}\,(8 + x)\,\sqrt{4 - x} + c$
151	$\int \dfrac{\sin(ln\, x)}{x}\, dx$	$-\cos ln\, x + c$
152	$\int \cot x \cdot \csc x\ dx$	$-\dfrac{1}{\sin x} + c$
153	$\int \dfrac{x}{\sqrt{x + 1}}\, dx$	$\dfrac{2}{3}\,(x - 2)\,\sqrt{x + 1} + c$

Calcolo di integrali indefiniti

		esercizi di integrazione per sostituzione più impegnativi	
154	$\displaystyle\int \frac{\tan^3 x + \tan x}{\tan x + 6}\, dx$	*porre* $\tan x = t$	$\tan x - \ln(\tan x + 6)^6 + c$
155	$\displaystyle\int \frac{2\tan x}{9 + \cos^2 x}\, dx$	*porre* $\tan x = t$	$\dfrac{1}{9}\ln(10 + 9\tan^2 x) + c$
156	$\displaystyle\int \sqrt{\sin x}\,\cos^3 x\, dx$	*porre* $\sin x = t$	$\dfrac{2}{21}\sin x\,\sqrt{\sin x}\,(7 - 3\sin^2 x) + c$
157	$\displaystyle\int \frac{1}{x\sqrt{1 - \ln^2 x}}\, dx$	*porre* $\ln x = t$	$\arcsin(\ln x) + c$
158	$\displaystyle\int \frac{\tan \frac{4}{3}x}{\cos^2 \frac{4}{3}x}\, dx$	*porre* $\cos \frac{4}{3}x = t$	$\dfrac{3}{8}\cos^{-2}\left(\dfrac{4}{3}x\right) + c$
159	$\displaystyle\int \sqrt{e^x - 1}\, dx$	*porre* $\sqrt{e^x - 1} = t$	$2\left(\sqrt{e^x - 1} - \arctan\sqrt{e^x - 1}\right) + c$
160	$\displaystyle\int \sqrt{1 - x^2}\, dx$	*porre* $x = \sin t$	$\dfrac{1}{2}\arcsin x + \dfrac{1}{2}x\sqrt{1 - x^2} + c$
161	$\displaystyle\int \frac{\sqrt{x^2 + 1}}{x^2}\, dx$	*porre* $x = \tan t$	$\ln\left|x + \sqrt{x^2 + 1}\right| - \dfrac{\sqrt{x^2 + 1}}{x} + c$
162	$\displaystyle\int \frac{1}{\sqrt{5 - x^2}}\, dx$	*porre* $x = \sqrt{5}\,t$	$\arcsin\dfrac{x}{\sqrt{5}} + c$
163	$\displaystyle\int \frac{\sqrt{1 - x^2}}{x^2}\, dx$	*porre* $x = \sin t$	$-\dfrac{1}{x}\sqrt{1 - x^2} - \arcsin x + c$
164	$\displaystyle\int \frac{x^2}{\sqrt{1 - x^2}}\, dx$	*porre* $x = \sin t$	$-\dfrac{x}{2}\sqrt{1 - x^2} + \dfrac{1}{2}\arcsin x + c$
165	$\displaystyle\int \tan^4 x\, dx$	*porre* $\tan x = t$	$\dfrac{1}{3}\tan^3 x - \tan x + x + c$
166	$\displaystyle\int \frac{1}{\sqrt{(1 + x^2)^3}}\, dx$	*porre* $x = \tan t$	$\dfrac{x}{\sqrt{1 + x^2}} + c$
167	$\displaystyle\int \frac{\sqrt{x}}{\sqrt{1 - x}}\, dx$	*porre* $x = \sin^2 t$	$\arcsin\sqrt{x} - \sqrt{x - x^2} + c$
168	$\displaystyle\int \sqrt{\frac{1 + x}{1 - x}}\, dx$	*porre* $x = \sin t$	$\arcsin x - \sqrt{1 - x^2} + c$
169	$\displaystyle\int \frac{1}{(1 + 2x^2)\sqrt{1 + x^2}}\, dx$	*porre* $x = \tan t$	$\arctan\dfrac{x}{\sqrt{1 + x^2}} + c$

Calcolo di integrali indefiniti

integrazione per parti

170	$\displaystyle\int x\sin x\ dx$	$-x\cos x+\sin x+c$
171	$\displaystyle\int arctan\,x\ dx$	$x\,arctan\,x-\dfrac{1}{2}\,ln(1+x^2)+c$
172	$\displaystyle\int ln\,x\ dx$	$x\,(ln\,x-1)+c$
173	$\displaystyle\int arcsin\,x\ dx$	$x\,arcsin\,x+\sqrt{1-x^2}+c$
174	$\displaystyle\int x^2\,ln\,x\ dx$	$\dfrac{1}{9}\,x^3\,(3\,ln\,x-1)+c$
175	$\displaystyle\int arccos\,x\ dx$	$x\,arccos\,x-\sqrt{1-x^2}+c$
176	$\displaystyle\int x\,e^x dx$	$(x-1)\,e^x+c$
177	$\displaystyle\int e^x\sin x\ dx$	$\dfrac{1}{2}\,e^x\,(\sin x-\cos x)+c$
178	$\displaystyle\int ln^2x\ dx$	$x\,(ln^2x-2\ln x+2)+c$
179	$\displaystyle\int x^2\,e^{3x}\ dx$	$\dfrac{e^{3x}\,(9x^2-6x+2)}{27}+c$
180	$\displaystyle\int x\,arctan\,x\ dx$	$\dfrac{x^2\,arctan\,x-x+arctan\,x}{2}+c$
181	$\displaystyle\int x^2\,e^{-2x} dx$	$-\dfrac{e^{-2x}\,(2x^2+2x+1)}{4}+c$
182	$\displaystyle\int x\ln x\ dx$	$\dfrac{x^2\,(2\ln x-1)}{4}+c$
183	$\displaystyle\int x\,e^{-x} dx$	$-e^{-x}\,(x+1)+c$
184	$\displaystyle\int x^2 e^x dx$	$e^x\,(x^2-2x+2)+c$
185	$\displaystyle\int x^2\cos 2x\ dx$	$\dfrac{2x\cos 2x+(2x^2-1)\sin 2x}{4}+c$
186	$\displaystyle\int x\cos x\ dx$	$x\sin x+\cos x+c$

Calcolo di integrali indefiniti

esercizi di integrazione per parti più impegnativi

187	$\displaystyle\int e^x \sin^2 x \, dx$	$\dfrac{e^x}{5}\left(5\sin^2 x - \sin 2x + 2\cos 2x\right) + c$
188	$\displaystyle\int \ln(x^2 + 1) \, dx$	$x\ln(x^2 + 1) - 2x + 2\arctan x + c$
189	$\displaystyle\int x \arcsin x \, dx$	$\dfrac{2x^2 - 1}{4}\arcsin x + \dfrac{x}{4}\sqrt{1 - x^2} + c$
190	$\displaystyle\int \sin^2 x \, dx$	$\dfrac{1}{2}\left(x - \sin x \cos x\right) + c$
191	$\displaystyle\int \cos^2 x \, dx$	$\dfrac{1}{2}\left(x + \sin x \cos x\right) + c$
192	$\displaystyle\int x^2 \cos x \, dx$	$x^2 \sin x + 2x \cos x - 2\sin x + c$
193	$\displaystyle\int x^2 \sin x \, dx$	$-x^2 \sin x + 2x \sin x + 2\cos x + c$
194	$\displaystyle\int \dfrac{x + 1}{x^2}\ln x \, dx$	$\dfrac{\ln^2 x}{2} - \dfrac{1 + \ln x}{x} + c$
195	$\displaystyle\int \ln\left(x + \sqrt{1 + x^2}\right) dx$	$\ln\left(x + \sqrt{1 + x^2}\right) - \sqrt{1 + x^2} + c$
196	$\displaystyle\int \arctan \sqrt{x} \, dx$	$(x + 1)\arctan \sqrt{x} - \sqrt{x} + c$
197	$\displaystyle\int \dfrac{x}{\cos^2 x} \, dx$	$x\tan x + \ln|\cos x| + c$
198	$\displaystyle\int x^3 e^{-x^2} \, dx$	$-\dfrac{1}{2}e^{-x^2}\left(x^2 + 1\right) + c$
199	$\displaystyle\int \dfrac{\ln x}{\sqrt{x}} \, dx$	$2\sqrt{x}\ln x - 4\sqrt{x} + c$
200	$\displaystyle\int x^2 \arctan x \, dx$	$-\dfrac{1}{6}x^2 + \dfrac{1}{6}\ln(1 + x^2) + \dfrac{1}{3}x^3 \arctan x + c$
201	$\displaystyle\int e^x \cos^2 x \, dx$	$e^x\left(\cos^2 x + \dfrac{\sin 2x - \cos 2x}{5}\right) + c$
202	$\displaystyle\int \arctan \dfrac{x - 1}{x + 1} \, dx$	$x\arctan\dfrac{x - 1}{x + 1} - \ln\sqrt{1 + x^2} + c$
203	$\displaystyle\int \sqrt{a^2 - x^2} \, dx$	$\dfrac{a^2}{2}\arcsin\dfrac{x}{a} + \dfrac{x}{2}\sqrt{a^2 - x^2} + c$

integrazione di funzioni razionali fratte
con denominatore di primo grado

204	$\int \dfrac{2}{x}\,dx$	$2\,ln|x| + c$
205	$\int \dfrac{8}{x-5}\,dx$	$8\,ln|x-5| + c$
206	$\int \dfrac{3}{7-2x}\,dx$	$-\dfrac{3}{2}ln|7-2x| + c$
207	$\int \dfrac{3x}{x+5}\,dx$	$3x - 15\,ln|x+5| + c$
208	$\int \dfrac{x}{4-x}\,dx$	$-x - 4\,ln|4-x| + c$
209	$\int \dfrac{x-3}{3x}\,dx$	$\dfrac{1}{3}x - ln|x| + c$
210	$\int \dfrac{7-x}{x+7}\,dx$	$-x + 14\,ln|x+7| + c$
211	$\int \dfrac{2x+3}{2x+1}\,dx$	$x + ln|2x+1| + c$
212	$\int \dfrac{x^2+1}{x-1}\,dx$	$\dfrac{x^2}{2} + x + 2\,ln|x-1| + c$
213	$\int \dfrac{x^2-2x+1}{x}\,dx$	$\dfrac{x^2}{2} - 2x + ln|x| + c$
214	$\int \dfrac{x^2+5x+7}{x+3}\,dx$	$\dfrac{x^2+4x}{2} + ln|x+3| + c$
215	$\int \dfrac{2x^2-2x+1}{3x+2}\,dx$	$\dfrac{3x^2-10x}{9} + \dfrac{29}{27}ln|3x+2| + c$
216	$\int \dfrac{x^3+8}{x-2}\,dx$	$\dfrac{x^3}{3} + x^2 + 4x + 16\,ln|x-2| + c$
217	$\int \dfrac{4x^3-5x-2}{2x-1}\,dx$	$\dfrac{16x^3+12x^2-48x}{24} - 2\,ln|2x-1| + c$
218	$\int \dfrac{x^4+x^2+1}{x-1}\,dx$	$\dfrac{x^4}{4} + \dfrac{x^3}{3} + x^2 + 2x + 3\,ln|x-1| + c$
219	$\int \dfrac{x^5+2x^4+3x-1}{2x+1}\,dx$	$\dfrac{x^5}{10} + \dfrac{3\,x^4}{16} - \dfrac{x^3}{8} + \dfrac{3\,x^2}{32} + \dfrac{45\,x}{32} - \dfrac{77}{64}ln|2x+1| + c$

Calcolo di integrali indefiniti

con denominatore di secondo grado e delta maggiore di zero

220	$\displaystyle\int \frac{1}{4 - 9x^2}\,dx$	$\dfrac{1}{12}\ln\left|\dfrac{2 + 3x}{2 - 3x}\right| + c$
221	$\displaystyle\int \frac{1}{x^2 - 6x + 5}\,dx$	$\dfrac{1}{4}\ln\left|\dfrac{x - 5}{x - 1}\right| + c$
222	$\displaystyle\int \frac{6x}{2x^2 - 3}\,dx$	$\dfrac{3}{2}\ln\left|2x^2 - 3\right| + c$
223	$\displaystyle\int \frac{4x - 7}{x^2 - 3x + 2}\,dx$	$\ln\left|x - 2\right| + 3\ln\left|x - 1\right| + c$
224	$\displaystyle\int \frac{5x - 2}{x^2 + 3x}\,dx$	$\dfrac{1}{3}(17\ln\left|x + 3\right| - 2\ln\left|x\right|) + c$
225	$\displaystyle\int \frac{x + 14}{x^2 + x - 6}\,dx$	$\dfrac{16}{5}\ln\left|x - 2\right| - \dfrac{11}{5}\ln\left|x + 3\right| + c$
226	$\displaystyle\int \frac{x + 1}{x^2 - 5x + 6}\,dx$	$4\ln\left|x - 3\right| - 3\ln\left|x - 2\right| + +c$
227	$\displaystyle\int \frac{4x + 1}{4x^2 - 1}\,dx$	$\dfrac{1}{4}(\ln\left|2x + 1\right| + 3\ln\left|2x - 1\right|) + c$
228	$\displaystyle\int \frac{8 - 5x}{x^2 + 2x}\,dx$	$4\ln\left|x\right| - 9\ln\left|x + 2\right| + +c$
229	$\displaystyle\int \frac{8 - 5x^2}{x^2 + 2x}\,dx$	$-5x + 4\ln\left|x\right| + 6\ln\left|x + 2\right| + +c$
230	$\displaystyle\int \frac{2x^2 - x + 1}{2x^2 + x - 1}\,dx$	$x + \dfrac{2}{3}\ln\left|x - 1\right| - \dfrac{2}{3}\ln\left|2x + 1\right| + c$
231	$\displaystyle\int \frac{x^2 - 2x - 9}{2x^2 + 5x + 2}\,dx$	$\dfrac{x}{2} + \dfrac{1}{3} + \ln\left|x + 2\right| - \dfrac{31}{12}\ln\left|2x + 1\right| + c$
232	$\displaystyle\int \frac{3x^2}{x^2 + 2x - 1}\,dx$	$3x - 3\ln\left|x^2 + 2x - 1\right| + \dfrac{9\sqrt{2}}{4}\ln\left|\dfrac{x + 1 - \sqrt{2}}{x + 1 + \sqrt{2}}\right| + c$
233	$\displaystyle\int \frac{x^3 - 3x^2}{x^2 - 4}\,dx$	$\dfrac{x^2}{2} - 3x + 5\ln\left|x + 2\right| - \ln\left|x - 2\right| + c$
234	$\displaystyle\int \frac{x^3 + 3x^2 - 3x + 1}{x^2 + 5x + 6}\,dx$	$-10\ln\left|x + 3\right| + 11\ln\left|x + 2\right| + \dfrac{x^2}{2} - 2x + c$
235	$\displaystyle\int \frac{x^4 + 4}{x^2 + 3x + 2}\,dx$	$\dfrac{x^3}{3} - \dfrac{3}{2}x^2 + 7x - 20\ln\left|x + 5\right| + 5\ln\left|x + 1\right| + c$
236	$\displaystyle\int \frac{x^5 - 7x^4 + 8x^3 + 15x^2 - 26x + 13}{x^2 - 7x + 10}\,dx$	$\dfrac{x^4}{4} - x^2 + x + \dfrac{8}{3}\ln\left|x - 5\right| - \dfrac{5}{3}\ln\left|x - 2\right| + c$

Calcolo di integrali indefiniti

con denominatore di secondo grado e delta uguale a zero

237	$\int \dfrac{9}{x^2 - 4x + 4}\, dx$	$-\dfrac{9}{x - 2} + c$
238	$\int \dfrac{5}{4x^2 + 12x + 9}\, dx$	$-\dfrac{5}{4x + 6} + c$
239	$\int \dfrac{-2x}{4x^2 - 12x + 9}\, dx$	$\dfrac{3}{4x - 6} - \dfrac{1}{2} ln|2x - 3| + c$
240	$\int \dfrac{5x}{25x^2 - 10x + 1}\, dx$	$-\dfrac{1}{25x - 5} + \dfrac{1}{5} ln|5x - 1| + c$
241	$\int \dfrac{3x - 5}{x^2 + 2x + 1}\, dx$	$\dfrac{8}{x + 1} + 3\, ln|x + 1| + c$
242	$\int \dfrac{2 - 3x}{x^2 + 4x + 4}\, dx$	$-\dfrac{8}{x + 2} - 3\, ln|x + 2| + c$
243	$\int \dfrac{x + 1}{x^2 - 2x + 1}\, dx$	$-\dfrac{2}{x - 1} + ln|x - 1| + c$
244	$\int \dfrac{6x + 1}{9x^2 - 6x + 1}\, dx$	$-\dfrac{1}{3x - 1} + \dfrac{2}{3} ln|3x - 1| + c$
245	$\int \dfrac{-2x - 1}{16x^2 + 16x + 4}\, dx$	$-\dfrac{1}{16} ln|16x^2 + 16x + 4| + c$
246	$\int \dfrac{4x - 7}{25x^2 - 40x + 16}\, dx$	$\dfrac{19}{125x - 100} + \dfrac{4}{25} ln|5x - 4| + c$
247	$\int \dfrac{x^2 - 9}{x^2 + 2x + 1}\, dx$	$x + \dfrac{8}{x + 1} - 2\, ln|x + 1| + c$
248	$\int \dfrac{x^2 - 2x}{x^2 + 2x + 1}\, dx$	$x - \dfrac{3}{x + 1} - 4\, ln|x + 1| + c$
249	$\int \dfrac{x^2 - 5x + 3}{x^2 - 2x + 1}\, dx$	$x + \dfrac{1}{x - 1} - 3\, ln|x - 1| + c$
250	$\int \dfrac{9x^2 + 6x + 1}{9x^2 - 6x + 1}\, dx$	$x - \dfrac{4}{9x - 3} + \dfrac{4}{3} ln|3x - 1| + c$
251	$\int \dfrac{-2x^2 + 5}{36x^2 + 12x + 1}\, dx$	$-\dfrac{1}{18}x - \dfrac{89}{648x + 108} + \dfrac{1}{54} ln|6x + 1| + c$
252	$\int \dfrac{x^3 - 1}{x^2 + 14x + 49}\, dx$	$\dfrac{x^2}{2} - 14x + \dfrac{344}{x + 7} + 147\, ln|x + 7| + c$
253	$\int \dfrac{x^3 - 2x^2 - x + 1}{x^2 + 10x + 25}\, dx$	$\dfrac{x^2}{2} - 12x + \dfrac{169}{x + 5} + 94\, ln|x + 5| + c$

Calcolo di integrali indefiniti

con denominatore di secondo grado e delta minore di zero

254	$\int \dfrac{5}{5x^2 + 2}\, dx$	$\dfrac{\sqrt{10}}{2}\, arctan \dfrac{\sqrt{10}\, x}{2} + c$
255	$\int \dfrac{1}{x^2 - 2x + 2}\, dx$	$arctan(x - 1) + c$
256	$\int \dfrac{2}{x^2 + 4x + 5}\, dx$	$2\, arctan(x + 2) + c$
257	$\int \dfrac{-5}{x^2 + 2x + 2}\, dx$	$-5\, arctan(x + 1) + c$
258	$\int \dfrac{5}{2x^2 - 4x + 3}\, dx$	$\dfrac{5\sqrt{2}}{2} arctan(\sqrt{2}\, x - \sqrt{2}) + c$
259	$\int \dfrac{5x}{2x^2 - 4x + 3}\, dx$	$\dfrac{5}{4} ln(2x^2 - 4x + 3) + \dfrac{5\sqrt{2}}{2}\, arctan(\sqrt{2}x - \sqrt{2}) + c$
260	$\int \dfrac{3x + 5}{x^2 + x + 2}\, dx$	$\dfrac{3}{2} ln(x^2 + x + 2) + \sqrt{7}\, arctan \dfrac{2\,x + 1}{\sqrt{7}} + c$
261	$\int \dfrac{x - 7}{x^2 + 3x + 5}\, dx$	$\dfrac{1}{2} ln(x^2 + 3x + 5) - \dfrac{17}{\sqrt{11}}\, arctan \dfrac{2\,x + 3}{\sqrt{11}} + c$
262	$\int \dfrac{3x + 1}{x^2 + 4x + 8}\, dx$	$\dfrac{1}{2}\left(3\, ln(x^2 + 4x + 8) - 5 arctan \dfrac{x + 2}{2}\right) + c$
263	$\int \dfrac{3x - 2}{4x^2 + 2x + 1}\, dx$	$\dfrac{3}{8} ln(4x^2 + 2x + 1) - 11\sqrt{3}\, arctan \dfrac{4\sqrt{3}\, x + \sqrt{3}}{3} + c$
264	$\int \dfrac{5x + 9}{x^2 + 2x + 3}\, dx$	$\dfrac{5}{2}\, ln(x^2 + 2x + 3) + 2\sqrt{2}\, arctan \dfrac{x + 1}{\sqrt{2}} + c$
265	$\int \dfrac{x^2}{x^2 - 3x + 3}\, dx$	$x + \dfrac{3}{2}\, ln(x^2 - 3x + 3) + \sqrt{3}\, arctan \dfrac{2\sqrt{3}x - 3\sqrt{3}}{3} + c$
266	$\int \dfrac{3x^2 - 2}{x^2 + 4x + 8}\, dx$	$3x - 6\, ln\lvert x^2 + 4x + 8\rvert - arctan \dfrac{x + 2}{2} + c$
267	$\int \dfrac{x^2 + 1}{x^2 - 2x + 2}\, dx$	$x + ln\lvert x^2 - 2x + 2\rvert + arctan(x - 1) + c$
268	$\int \dfrac{x^3 - 2x^2 - 2}{4x^2 + 1}\, dx$	$\dfrac{x^2}{8} - \dfrac{1}{2}\, x - \dfrac{1}{32}\, ln(4x^2 + 1) - \dfrac{3}{4}\, arctan(2x) + c$
269	$\int \dfrac{x^4 - x^2}{x^2 + 2}\, dx$	$\dfrac{x^3}{3} - 3x + 3\sqrt{2}\, arctan \dfrac{\sqrt{2}\, x}{2} + c$
270	$\int \dfrac{6x^4 - 5x^3 + 4x^2}{2x^2 - x + 1}\, dx$	$x^3 - \dfrac{x^2}{2} + \dfrac{1}{4}\, ln(2x^2 - x + 1) \dfrac{\sqrt{7}}{14} arctan \dfrac{4\sqrt{7}x - \sqrt{7}}{7} + c$

con denominatore di grado superiore al secondo di vario tipo

271	$\displaystyle\int \frac{x^2+5x+4}{x^3+3x^2+x-5}\,dx$	$ln\lvert x-1\rvert + arctan(x-2)+c$
272	$\displaystyle\int \frac{1}{x^2\,(1+x)^2}\,dx$	$-\dfrac{2x+1}{x^2+x} + 2\,ln\left\lvert\dfrac{x+1}{x}\right\rvert c$
273	$\displaystyle\int \frac{x^2+1}{x^3-4x^2+5x-2}\,dx$	$ln\dfrac{\lvert x-2\rvert^5}{(x-1)^4} + \dfrac{2}{x-1}+c$
274	$\displaystyle\int \frac{3x+2}{x\,(x+1)^3}\,dx$	$\dfrac{4x+3}{2(x+1)^2} + ln\dfrac{x^2}{(x+1)^2}+c$
275	$\displaystyle\int \frac{1}{(x+1)\,(x^2+1)}\,dx$	$\dfrac{1}{2}\,ln\lvert x+1\rvert - \dfrac{1}{4}\,ln(x^2+1) + \dfrac{1}{2}\,arctan\,x+c$
276	$\displaystyle\int \frac{2x+10}{(x-2)\,(x^2+x+1)}\,dx$	$ln\dfrac{(x-2)^2}{x^2+x+1} - 2\sqrt{3}\,arctan\dfrac{2x+1}{\sqrt{3}}+c$
277	$\displaystyle\int \frac{x^2+3x+2}{x\,(x^2+1)}\,dx$	$2\,ln\lvert x\rvert - \dfrac{1}{2}\,ln(x^2+1) + 3\,arctan\,x+c$
278	$\displaystyle\int \frac{3x-2}{(x-1)\,(x^2-2x+2)}\,dx$	$ln\lvert x-1\rvert - \dfrac{1}{2}\,ln(x^2-2x+2) + 3\,arctan(x-1)+c$
279	$\displaystyle\int \frac{x^2-1}{(x-2)\,(x^2+1)}\,dx$	$\dfrac{1}{5}\big(3\,ln\lvert x-2\rvert + ln(x^2+1) + 4\,arctan\,x\big)+c$
280	$\displaystyle\int \frac{2x^2-1}{x^3-2x^2+x-2}\,dx$	$\dfrac{1}{10}\big[14\,ln\lvert x-2\rvert + 3\,ln(x^2+1) + 12\,arctan\,x\big]+c$
281	$\displaystyle\int \frac{x-3}{x\,(x-1)\,(x-2)}\,dx$	$-\dfrac{3}{2}\,ln\lvert x\rvert + ln(x-1)^2 - \dfrac{1}{2}\,ln\lvert x-2\rvert+c$
282	$\displaystyle\int \frac{x^3+x-2}{(x+1)^2\,(x^2-x+1)}\,dx$	$\dfrac{4}{3(x+1)} + \dfrac{1}{2}\,ln(x^2-x+1) - \dfrac{1}{3\sqrt{3}}\,arctan\dfrac{2x-1}{\sqrt{3}}+c$
283	$\displaystyle\int \frac{4}{x^3-1}\,dx$	$\dfrac{4}{3}\,ln\lvert x-1\rvert - \dfrac{2}{3}\,ln\lvert x^2+x+1\rvert - \dfrac{4\sqrt{3}}{3}\,arctan\dfrac{2x\sqrt{3}+\sqrt{3}}{3}+c$
284	$\displaystyle\int \frac{x^5+x^4-8}{x^3-4x}\,dx$	$\dfrac{x^3}{3} + \dfrac{x^2}{2} + 4x + ln\left\lvert\dfrac{x^2\,(x-2)^5}{(x-2)^3}\right\rvert+c$
285	$\displaystyle\int \frac{1}{x^6+x^4}\,dx$	$\dfrac{1}{x} - \dfrac{1}{3\,x^3} + arctan\,x+c$
286	$\displaystyle\int \frac{4x^2-8x}{(x-1)^2\,(x^2+1)^2}\,dx$	$\dfrac{3x^2-x}{(x-1)\,(x^2+1)} + ln\dfrac{(x-1)^2}{x^2+1} + arctan\,x+c$
287	$\displaystyle\int \frac{x^5+2x^3+5x^2+x+1}{x^2\,(x^2+1)^2}\,dx$	$\dfrac{x^2-1}{x\,(x^2+1)} + ln\,x + arctan\,x+c$

288	$\displaystyle\int \frac{2x+1}{(x-2)^3\,(x-5)}\,dx$	$\dfrac{22x-29}{18(x-2)^2}+\dfrac{11}{27}\,ln\left\|\dfrac{5-x}{x-2}\right\|++c$
289	$\displaystyle\int \frac{x^2}{(x+2)^2\,(x+4)^2}\,dx$	$-\dfrac{5x+12}{x^2+6x+8}+ln\left(\dfrac{x+4}{x+2}\right)^2+c$
290	$\displaystyle\int \frac{x^2+x+1}{(x+2)\,(x^2-1)}\,dx$	$ln\|x+2\|+\dfrac{1}{2}\,ln\left\|\dfrac{x-1}{x+1}\right\|+c$
291	$\displaystyle\int \frac{x}{(x-2)\,(x^2+2)}\,dx$	$\dfrac{1}{3}\,ln\|x-2\|-\dfrac{1}{6}\,ln(x^2+2)+\dfrac{1}{3\sqrt{2}}\,arctan\dfrac{x}{\sqrt{2}}+c$
292	$\displaystyle\int \frac{x^3+3x^2-4x+20}{x^4-16}\,dx$	$ln\dfrac{(x-2)\,\sqrt{x^2+4}}{x+2}-\dfrac{1}{2}arctan\dfrac{x}{2}+c$
293	$\displaystyle\int \frac{3x^2-7x+6}{(x+1)\,(x^2-2x+5)}\,dx$	$ln\left[(x+1)^2\,\sqrt{x^2-2x+5}\right]-\dfrac{3}{2}\,arctan\dfrac{x-1}{2}+c$
294	$\displaystyle\int \frac{x+1}{x^2+x+6}\,dx$	$\dfrac{1}{2}\,ln(x^2+x+6)+\dfrac{\sqrt{23}}{23}\,arctan\left(\dfrac{\sqrt{23}(2x+1)}{23}\right)+c$
295	$\displaystyle\int \frac{x^3+x-2}{(x+1)\,(x^3+1)}\,dx$	$\dfrac{4}{3(x+1)}+\dfrac{1}{2}ln(x^2-x+1)-\dfrac{1}{3\sqrt{3}}\,arctan\dfrac{2x-1}{\sqrt{3}}+c$
296	$\displaystyle\int \frac{4}{x^4+1}\,dx$	$\dfrac{1}{\sqrt{2}}\,ln\dfrac{x^2+\sqrt{2}\,x+1}{x^2-\sqrt{2}\,x+1}+\sqrt{2}\,arctan\dfrac{\sqrt{2}\,x}{1-x^2}+c$
297	$\displaystyle\int \frac{1}{x^2\,(x^2+2)^2}\,dx$	$-\dfrac{1}{8}\dfrac{3x^2+4}{x\,(x^2+2)}-\dfrac{3}{8\sqrt{2}}\,arctan\dfrac{x}{\sqrt{2}}+c$
298	$\displaystyle\int \frac{2x^2-3x-3}{(x-1)\,(x^2-2x+5)}\,dx$	$ln\dfrac{(x^2-2x+5)\sqrt{x^2-2x+5}}{\|x-1\|}+\dfrac{1}{2}\,arctan\dfrac{x-1}{2}+c$
299	$\displaystyle\int \frac{x^3-6}{x^4+6x^2+8}\,dx$	$ln\dfrac{x^2+4}{\sqrt{x^2+4}}+\dfrac{3}{2}\,arctan\dfrac{x}{2}-\dfrac{3}{\sqrt{2}}\,arctan\dfrac{x}{\sqrt{2}}+c$
300	$\displaystyle\int \frac{x+3}{x^4-16}\,dx$	$\dfrac{5}{32}\,ln\|x-2\|-\dfrac{1}{32}\,ln\|x+2\|-\dfrac{1}{16}\,ln(x^2+4)-\dfrac{3}{16}arctan\dfrac{x}{2}+c$
301	$\displaystyle\int \frac{x^4-2x^2+2}{(x^2-2x+2)^2}\,dx$	$x-\dfrac{x-3}{x^2-2x+2}+ln(x^2-2x+2)^2+arctan(x-1)+c$
302	$\displaystyle\int \frac{x^5}{(x^3+1)\,(x^3+8)}\,dx$	$\dfrac{1}{21}\left(ln(x^3+8)^8-ln\|x^3+1\|\right)+c$
303	$\displaystyle\int \frac{1}{x^3-4x^2+5x-2}\,dx$	$-\dfrac{2x+1}{x^2+x}+ln\left\|\dfrac{x-2}{x-1}\right\|+c$
304	$\displaystyle\int \frac{x^2}{(x-1)^{10}}\,dx$	$-\dfrac{1}{9\,(x-1)^9}-\dfrac{1}{4\,(x-1)^8}-\dfrac{1}{7\,(x-1)^7}+c$

	esercizi di riepilogo	
305	$\displaystyle\int x\,(x^2-4)^3\,dx$	$\dfrac{1}{8}\,(x^2-4)^4 + c$
306	$\displaystyle\int \dfrac{5}{\cos^2 5x}\,dx$	$\tan(5x) + c$
307	$\displaystyle\int \dfrac{2x}{1+x^2}\,dx$	$\ln(1+x^2) + c$
308	$\displaystyle\int \dfrac{7}{\sqrt{x^7}}\,dx$	$-\dfrac{14}{5\,x^2\,\sqrt{x}} + c$
309	$\displaystyle\int \dfrac{2x-1}{x^2-x+1}\,dx$	$\ln|x^2-x+1| + c$
310	$\displaystyle\int (3\cos 2x + 2\sin 2x)\,dx$	$\dfrac{3}{2}\sin 2x - \cos 2x + c$
311	$\displaystyle\int \dfrac{1}{\sqrt{1-25\,x^2}}\,dx$	$\dfrac{1}{5}\arcsin 5x + c$
312	$\displaystyle\int \dfrac{\arctan^6 x}{1+x^2}\,dx$	$\dfrac{1}{7}\arctan^7 x + c$
313	$\displaystyle\int \dfrac{x}{1+9x^2}\,dx$	$\ln \sqrt[18]{1+9x^2} + c$
314	$\displaystyle\int \dfrac{1+\sin 2x}{\cos^2 x}\,dx$	$\tan x - 2\ln|\cos x| + c$
315	$\displaystyle\int \dfrac{-5}{\sqrt{1+x}}\,dx$	$-10\sqrt{1+x} + c$
316	$\displaystyle\int \dfrac{\sin x}{\sqrt[3]{\cos^2 x}}\,dx$	$-3\sqrt[3]{\cos x} + c$
317	$\displaystyle\int \dfrac{6x+1}{x^2-2x+1}\,dx$	$-\dfrac{7}{x-1} + \ln(x-1)^6 + c$
318	$\displaystyle\int x\,e^{2x-5}\,dx$	$e^{2x-5}\left(\dfrac{1}{2}x - \dfrac{1}{4}\right) + c$
319	$\displaystyle\int \dfrac{\arcsin^5 x}{\sqrt{1-x^2}}\,dx$	$\dfrac{1}{6}\arcsin^6 x + c$
320	$\displaystyle\int \left(x\sqrt{x} - \sqrt[4]{x} + 1\right)\,dx$	$\dfrac{2}{5}x^2\sqrt{x} - \dfrac{4}{5}x\sqrt[4]{x} + x + c$

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321	$\displaystyle\int e^x \sqrt[4]{e^x - 5}\ dx$	$\dfrac{4}{5}\,(e^x - 5)\sqrt[4]{e^x - 5} + c$
322	$\displaystyle\int \dfrac{x^3 - 4x^2 + 5}{\sqrt{x}}\ dx$	$\dfrac{2}{7}\,x^3\sqrt{x} - \dfrac{8}{5}\,x^2\sqrt{x} + 10\sqrt{x} + c$
323	$\displaystyle\int \sqrt[4]{4 + \sin x}\ \cos x\ dx$	$\dfrac{4}{5}\,(4 + \sin x)\sqrt[4]{4 + \sin x} + c$
324	$\displaystyle\int \dfrac{5}{x\,\ln^5 x}\ dx$	$-\dfrac{5}{4\,\ln^4 x} + c$
325	$\displaystyle\int \dfrac{\sqrt[5]{\tan^2 x}}{\cos^2 x}\ dx$	$\dfrac{5}{7}\,\tan x \sqrt[5]{\tan^2 x} + c$
326	$\displaystyle\int \cos^3 x\ dx$	$\sin x - \dfrac{1}{3}\,\sin^3 x + c$
327	$\displaystyle\int \dfrac{8}{8 + e^x}\ dx$	$x - \ln(8 + e^x) + c$
328	$\displaystyle\int \sqrt{2x - 9}\ dx$	$\dfrac{1}{3}\,(2x - 9)\sqrt{2x - 9} + c$
329	$\displaystyle\int \dfrac{x^6 - 1}{x^2 + x + 1}\ dx$	$\dfrac{x^5}{5} - \dfrac{x^4}{4} + \dfrac{x^2}{2} - x + c$
330	$\displaystyle\int \dfrac{x^2 - 2x}{(x - 1)^2}\ dx$	$-\dfrac{x^2 - 2x}{x - 1} + c$
331	$\displaystyle\int \left(2\sqrt{x} - \dfrac{1}{\sqrt{x}}\right)\ dx$	$\dfrac{4}{3}\,x\sqrt{x} - 2\sqrt{x} + c$
332	$\displaystyle\int \dfrac{x - 9}{\sqrt{x^2 - 2x + 4}}\,dx$	$\sqrt{x^2 - 2x + 4} - 8\ln\left|\sqrt{x^2 - 2x + 4} + x - 1\right| + c$
333	$\displaystyle\int (1 - \cos x)^2\ dx$	$\dfrac{3}{2}\,x - 2\sin x + \dfrac{1}{4}\sin 2x + c$
334	$\displaystyle\int x^2\,(x^3 + 9)^4\ dx$	$\dfrac{1}{15}\,(x^3 + 9)^5 + c$
335	$\displaystyle\int \dfrac{2x^3}{1 + x^8}\ dx$	$\dfrac{1}{2}\,\arctan x^4 + c$
336	$\displaystyle\int \dfrac{1}{x\,(1 + \ln x)}\ dx$	$\ln|1 + \ln x| + c$

337	$\displaystyle\int \frac{3x-1}{\sqrt[3]{x^2}}\,dx$	$\dfrac{9}{4}\,x\,\sqrt[3]{x}-3\,\sqrt[3]{x}+c$
338	$\displaystyle\int (x+\sin 2x)^2\,(1+2\cos 2x)\,dx$	$\dfrac{1}{3}\,(x^3+3x^2\sin 2x+3x\sin^2 2x+\sin^3 2x)+c$
339	$\displaystyle\int \left(x^{\frac{2}{3}}-x^{\frac{4}{5}}\right)dx$	$\dfrac{3}{5}\,x^{\frac{5}{3}}-\dfrac{5}{9}\,x^{\frac{9}{5}}+c$
340	$\displaystyle\int \left(x^3+\frac{1}{x}-\frac{4}{x^2}\right)dx$	$\dfrac{x^4}{4}+\dfrac{4}{x}+ln|x|+c$
341	$\displaystyle\int \frac{1-\sin x}{1-\cos x}\,dx$	$-\tan^{-1}\left(\dfrac{x}{2}\right)-ln|1-\cos x|+c$
342	$\displaystyle\int \frac{2+x^2}{1+x^2}\,dx$	$x+\arctan x+c$
343	$\displaystyle\int \frac{6x-1}{\cos^2(3x^2-x+1)}\,dx$	$\tan(3x^2-x+1)+c$
344	$\displaystyle\int \frac{x^5-1}{x-1}\,dx$	$\dfrac{x^5}{5}+\dfrac{x^4}{4}+\dfrac{x^3}{3}+\dfrac{x^2}{2}+x+c$
345	$\displaystyle\int \frac{e^{3x}+1}{e^x}\,dx$	$-\dfrac{e^{3x}+1}{e^x}+\dfrac{3}{2}\,e^{2x}+c$
346	$\displaystyle\int \frac{2x}{1+(1+x^2)^2}\,dx$	$\arctan(1+x^2)+c$
347	$\displaystyle\int \frac{3-2\sin^3 x}{\sin^2 x}\,dx$	$2\cos x-\dfrac{3\cos x}{\sin x}+c$
348	$\displaystyle\int \frac{1}{1-\sqrt{x+7}}\,dx$	$-2\left(\sqrt{x+7}+ln|1-\sqrt{x+7}|\right)+c$
349	$\displaystyle\int (x+\sin 2x)\,dx$	$\dfrac{1}{2}\,(x^2-\cos 2x)+c$
350	$\displaystyle\int \frac{x\sqrt{x}-\sqrt[4]{x}+1}{\sqrt{x}}\,dx$	$\dfrac{1}{2}\,x^2-\dfrac{4}{3}\,\sqrt[4]{x^3}+2\sqrt{x}+c$
351	$\displaystyle\int \frac{5}{x\,ln\,4x}\,dx$	$5\,ln|\,ln\,4x\,|+c$
352	$\displaystyle\int ln(5x-2)\,dx$	$\dfrac{-5x+(5x-2)\,ln(5x-2)}{5}+c$
353	$\displaystyle\int x^2\,2^{x^3}\,dx$	$\dfrac{log_2 e}{3}\,2^{x^3}+c$

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354	$\displaystyle\int \frac{x+1}{1+9x^2}\, dx$	$\dfrac{1}{18}\, ln(1+9x^2) + \dfrac{1}{3}\, arctan(3x) + c$
355	$\displaystyle\int (\sin^3 x + 5\sin x)\, dx$	$-6\cos x + \dfrac{1}{3}\cos^3 x + c$
356	$\displaystyle\int \frac{1}{x\,\log^5 x}\, dx$	$\dfrac{ln\,10\ \ln|\ln x|}{5} + c$
357	$\displaystyle\int \tan 3x\, dx$	$-\dfrac{1}{3}ln|\cos 3x| + c$
359	$\displaystyle\int e^{2x}\,\sqrt[3]{4+e^{2x}}\, dx$	$\dfrac{3}{8}\,(e^{2x}+4)\,\sqrt[3]{e^{2x}+4} + c$
359	$\displaystyle\int \frac{2x^2+3x-\sqrt{x}}{\sqrt[3]{x^2}}\, dx$	$\dfrac{6}{7}\,x^2\,\sqrt[3]{x} + \dfrac{9}{4}\,x\,\sqrt[3]{x} - \dfrac{6}{5}\,\sqrt[6]{x^5} + c$
360	$\displaystyle\int \frac{6}{x\,\sqrt[3]{1+3\ln x}}\, dx$	$3\,(1+3\ln x)\,\sqrt[3]{1+3\ln x} + c$
361	$\displaystyle\int \frac{3x-4}{25x^2-10x+1}\, dx$	$\dfrac{17}{125x-25} + \dfrac{3}{25}\,ln|5x-1| + c$
362	$\displaystyle\int \frac{1}{(1+x^2)\,arctan\,x}\, dx$	$ln|arctan\,x| + c$
363	$\displaystyle\int \frac{x}{x^4-2x^2+1}\, dx$	$-\dfrac{1}{2x^2-2} + c$
364	$\displaystyle\int \frac{ln^2 x + \ln x + 1}{x}\, dx$	$\dfrac{3}{2}\,ln^2 x + \ln x + c$
365	$\displaystyle\int (cos^3 x - \sin^3 x)\, dx$	$\sin x + \cos x - \dfrac{\sin^3 x + \cos^3 x}{3} + c$
366	$\displaystyle\int \frac{2x^2+5}{x+1}\, dx$	$x^2 - 2x + 7\ ln|x+1| + c$
367	$\displaystyle\int \frac{e^{7+\sqrt{x}}}{\sqrt{x}}\, dx$	$2\,e^{7+\sqrt{x}} + c$
368	$\displaystyle\int \frac{x^5+4x^3+5x}{x^2+5}\, dx$	$\dfrac{1}{4}\,(x^4-2x^2-35) + 5\,ln(x^2+5) + c$
369	$\displaystyle\int \left(4\sqrt[3]{x^2} - \frac{2}{3}\sqrt[5]{x^4} + 5\sqrt{x+6} - \frac{2}{\sqrt{x}}\right) dx$	$\dfrac{12}{5}\,x\,\sqrt[3]{x^2} - \dfrac{10}{27}\,x\,\sqrt[5]{x^4} + \dfrac{10}{3}\,(x+6)\,\sqrt{x+6} + c$
370	$\displaystyle\int \frac{1}{\sin^2 x \cdot cot^3 x}\, dx$	$\dfrac{1}{2\cos^2 x} + c$

371	$\int \sqrt{2x} + \sqrt[3]{x-2} \; dx$	$\dfrac{2}{3} x \sqrt{2x} + \dfrac{3}{4} (x-2) \sqrt[3]{x-2} + c$
372	$\int \ln \dfrac{x}{\sqrt{4-x^2}} \; dx$	$x \cdot \ln \dfrac{x}{\sqrt{4-x^2}} + \ln \left| \dfrac{2-x}{2+x} \right| + c$
373	$\int \dfrac{x^4 + 4x^2 + 1}{x^2 - 2x} \; dx$	$\dfrac{x^3}{3} + x^2 + 8x - \dfrac{1}{2} \ln|x| + \dfrac{33}{2} \ln|x-2| + c$
374	$\int \dfrac{x^2}{x^6 + 2x^3 + 1} \; dx$	$-\dfrac{1}{3(x^3+1)} + c$
375	$\int x \sqrt[5]{x^2+4} \; dx$	$\dfrac{5}{12} (x^2+4) \sqrt[5]{x^2+4} + c$
376	$\int \dfrac{2x+1}{x^3 + x^2} \; dx$	$-\dfrac{1}{x} + \ln|x| - \ln|x+1| + c$
377	$\int \dfrac{\ln^2 x + 1}{x \ln x} \; dx$	$\ln|\ln x| + 2 \ln x + c$
378	$\int \dfrac{\arctan x}{x^2} \; dx$	$\ln|x| - \dfrac{1}{2} \ln(1+x^2) - \dfrac{\arctan x}{x} + c$
379	$\int \dfrac{x + 1 + \sqrt[3]{x^2}}{\sqrt[4]{x}} \; dx$	$\dfrac{4}{7} x \sqrt[4]{x^3} + \dfrac{4}{3} \sqrt[4]{x^3} + \dfrac{12}{17} x \sqrt[12]{x^5} + c$
380	$\int \dfrac{\sqrt{e^x}}{1 + \sqrt{e^x}} \; dx$	$2 \ln(1 + \sqrt{e^x}) + c$
381	$\int \dfrac{7x+4}{x^2 + 2x + 5} \; dx$	$\dfrac{7}{2} \ln(2x^2 + 2x + 5) - \dfrac{3}{2} \arctan \dfrac{x+1}{2} + c$
382	$\int \arctan(\sqrt{x} + 1) \; dx$	$\ln(x + 2\sqrt{x} + 2) + x \cdot \arctan(\sqrt{x} + 1) - \sqrt{x} + c$
383	$\int \dfrac{\ln \ln x}{x} \; dx$	$\ln x \, [\ln(\ln x) - 1] + c$
384	$\int \dfrac{1}{\sin x \cos x} \; dx$	$\ln|\tan x| + c$
385	$\int \sqrt{4 - x^2} \; dx$	$2 \arcsin \left(\dfrac{x}{2} \right) + \dfrac{x \sqrt{4-x^2}}{2} + c$
386	$\int \sqrt[4]{1 + \sin^2 x} \cdot \sin 2x \; dx$	$\dfrac{4}{5} (1 + \sin^2 x) \sqrt[4]{1 + \sin^2 x} + c$
387	$\int \dfrac{5x-2}{x^2 - 6x + 8} dx$	$9 \ln|x-4| - 4 \ln|x-2| + c$

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388	$\int x \tan x^2 \ dx$		$-\dfrac{1}{2} \ln|\cos x^2| + c$
389	$\int \dfrac{1}{3 \, x \sqrt{1 - \ln^2 x}} \ dx$		$\dfrac{1}{3} \arcsin(\ln|x|) + c$
390	$\int 2 \, x \arctan x \ dx$		$(x^2 + 1) \arctan x - x + c$
391	$\int \dfrac{2x}{x^3 - 8} \ dx$		$\dfrac{\sqrt{3} \arctan\left(\frac{\sqrt{3} \, (x+1)}{3}\right)}{3} - \dfrac{\ln(x^2 + 2x + 4)}{6} + \dfrac{\ln|x-2|}{3} + c$
392	$\int \cos(2x) \, e^{4x} \ dx$		$e^{4x}\left(\dfrac{\cos 2x}{5} + \dfrac{\sin 2x}{10}\right) + c$
393	$\int \dfrac{x^2 + 3x + 4}{x^2 + 4x + 5} \ dx$		$x - \dfrac{1}{2} \ln(x^2 + 4x + 5) + \arctan(x + 2) + c$
394	$\int \dfrac{2 \, e^{2x} - \frac{1}{e^x}}{e^{2x} + \frac{1}{e^x}} dx$		$-x + \ln(e^{3x} + 1) + c$
395	$\int \dfrac{3x}{\tan(x^2 + 1)} \ dx$		$\dfrac{3}{2} \ln|\sin(x^2 + 1)| + c$
396	$\int \dfrac{x - 3}{\sqrt{1 - x^2}} \ dx$		$-\sqrt{1 - x^2} - 3 \arcsin x + c$
397	$\int \dfrac{x}{\cos^2 x} \ dx$		$x \tan x + \ln|\cos x| + c$
398	$\int \sqrt{e^x - 1} \ dx$	*porre* $e^x - 1 = t$	$2 \sqrt{e^x - 1} - 2 \arctan(\sqrt{e^x - 1}) + c$
399	$\int \dfrac{2^x}{1 - 4^x} \ dx$	*porre* $2^x = t$	$-\dfrac{1}{2 \ln 2} \ln\left|\dfrac{2^x - 1}{2^x + 1}\right| + c$
400	$\int \dfrac{1}{\sin x} \ dx$	*porre* $\mathrm{sen} \, x = 2 \sin\frac{x}{2} \cos\frac{x}{2}$	$\ln\left|\tan\dfrac{x}{2}\right| + c$
401	$\int \ln(1 + x) \ dx$		$(x + 1) \ln|1 + x| - x + c$
402	$\int \dfrac{3x}{2x^2 + x + 1} \ dx$		$\dfrac{3}{4} \ln\left(2x^2 + x + 1\right) - \dfrac{3\sqrt{7}}{14} \arctan\dfrac{\sqrt{7}}{7}(4x + 1) + c$
403	$\int \sin x \sqrt{\cos x} \ dx$		$-\dfrac{2}{3} \cos x \sqrt{\cos x} + c$

	esercizi di riepilogo più impegnativi	
404	$\displaystyle\int x\cos(\ln x)\,dx$	$\dfrac{2}{5}x^2\left[\cos(\ln x)+\dfrac{1}{2}\sin(\ln x)\right]+c$
405	$\displaystyle\int \dfrac{3x^3-4x+5}{3x^2+4}\,dx$	$\dfrac{1}{2}x^2-\dfrac{4}{3}\ln(3x^2+4)+\dfrac{5\sqrt{3}}{6}\arctan\dfrac{\sqrt{3}}{2}x+c$
406	$\displaystyle\int \arcsin\sqrt{x}\,dx$	$\left(x-\dfrac{1}{2}\right)\arcsin\sqrt{x}+\dfrac{1}{2}\sqrt{x-x^2}+c$
407	$\displaystyle\int \dfrac{1}{2+3\sin x}\,dx$	$\dfrac{\sqrt{5}}{5}\ln\left|\dfrac{2\tan\frac{x}{2}+3-\sqrt{5}}{2\tan\frac{x}{2}+3+\sqrt{5}}\right|+c$
408	$\displaystyle\int \sqrt{e^x+1}\,dx$	$2\sqrt{e^x+1}+\ln\dfrac{\sqrt{e^x+1}-1}{\sqrt{e^x+1}+1}+c$
409	$\displaystyle\int \dfrac{x^2+5x+4}{x^3+3x^2+x-5}\,dx$	$\ln|x-1|+\arctan(x+2)+c$
410	$\displaystyle\int \dfrac{1}{\sin^2 x\cos^2 x}\,dx$	$\tan x-\cot x+c$
411	$\displaystyle\int e^{2x}(x^2+1)^2\,dx$	$\dfrac{e^{2x}}{2}\left(x^4-2x^3+5x^2-5x+\dfrac{7}{2}\right)+c$
412	$\displaystyle\int \dfrac{\arcsin x}{\sqrt{1+x}}\,dx$	$2\arcsin x\,\sqrt{1+x}+4\sqrt{1-x}+c$
413	$\displaystyle\int \dfrac{\sin x\cdot\ln\sin x}{1-\sin^2 x}\,dx$	$\dfrac{\ln\sin x}{\cos x}-\ln\left|\tan\dfrac{x}{2}\right|+c$
414	$\displaystyle\int \dfrac{\arctan x}{(1+x)^2}\,dx$	$\dfrac{\arctan x}{2}-\dfrac{\arctan x}{1+x}+\dfrac{1}{2}\ln|1+x|-\dfrac{1}{4}\ln(1+x^2)+c$
415	$\displaystyle\int \sin^5 x\,\cos^2 x\,dx$	$-\dfrac{1}{7}\cos^7 x+\dfrac{2}{5}\cos^5 x-\dfrac{1}{3}\cos^3 x+c$
416	$\displaystyle\int \dfrac{1}{x}\sqrt{\dfrac{1-x}{1+x}}\,dx$	$2\arctan\sqrt{\dfrac{1-x}{1+x}}+\ln\dfrac{\sqrt{1+x}-\sqrt{1-x}}{\sqrt{1+x}+\sqrt{1-x}}+c$
417	$\displaystyle\int \sin x\cdot\ln\tan x\,dx$	$-\cos x\cdot\ln\tan x+\ln\tan\dfrac{x}{2}+c$
418	$\displaystyle\int x\,e^x\cos x\,dx$	$\dfrac{e^x}{2}(x\sin x+x\cos x-\sin x)+c$
419	$\displaystyle\int \ln^2\left(x+\sqrt{1+x^2}\right)\,dx$	$2x+x\ln^2\left(x+\sqrt{1+x^2}\right)-2\sqrt{1+x^2}\,\ln\left(x+\sqrt{1+x^2}\right)+c$

420	$\int \dfrac{x^2}{\sqrt{(x^2-1)^3}}\,dx$		$-\dfrac{x}{\sqrt{x^2-1}} + ln\left|x+\sqrt{x^2-1}\right| + c$
421	$\int csc^5 5x\,dx$		$-\dfrac{cos\,5x}{20\,sin^4\,5x} - \dfrac{3\,cos\,5x}{40\,sin^2\,5x} - \dfrac{3}{40}\,ln\left|\dfrac{1+cos\,5x}{sin\,5x}\right| + c$
422	$\int \dfrac{sec^2 x}{\sqrt{tan^2 x + 4\,tan\,x + 1}}\,dx$		$ln\left|tan\,x + 2 + \sqrt{tan^2\,x + 4\,tan\,x + 1}\right| + c$
423	$\int \dfrac{2^{x-1}}{2^{2x+2}}\,dx$		$-(2^{-x-3})\,log_2\,e + c$
424	$\int cos\,2x\,\sqrt{3-sin\,2x}\,dx$		$-\dfrac{1}{3}(3-sin\,2x)\sqrt{3-sin\,2x} + c$
425	$\int x\,arctan^2 x\,dx$		$\left(\dfrac{x^2+1}{2}\right)arctan^2 x - x\,arctan\,x + \dfrac{1}{2}\,ln(1+x^2) + c$
426	$\int \dfrac{x^2-6x+1}{x^2-7x}\,dx$		$x + ln\sqrt[7]{\dfrac{(x-7)^8}{|x|}} + c$
427	$\int \dfrac{1+sin\,x}{1+cos\,x}\,e^x\,dx$		$e^x\,tan\dfrac{x}{2} + c$
428	$\int cos\,5x\,sin\,2x\,dx$		$-\dfrac{1}{14}cos\,7x + \dfrac{1}{6}cos\,3x + c$
429	$\int \dfrac{e^{3x}}{e^{2x}+6e^x+5}\,dx$		$e^x + \dfrac{1}{4}\,[ln(e^x+1) - 25\,ln(e^x+5))] + c$
430	$\int \dfrac{ln\,x}{\sqrt[4]{x}}\,dx$		$\dfrac{4}{9}\sqrt[4]{x^3}\,(3\,ln\,x - 4) + c$
431	$\int x\,arccos(5x-2)\,dx$		$\left(\dfrac{x^2}{2} - \dfrac{9}{100}\right)arccos(5x-2) - \dfrac{5x+6}{100}\sqrt{-25\,x^2+20x-3} + c$
432	$\int \dfrac{1+\sqrt{x}}{1+x+\sqrt{x}}\,dx$		$2\sqrt{x} - \dfrac{4}{\sqrt{3}}\,arctan\dfrac{2\sqrt{x}+1}{\sqrt{3}} + c$
433	$\int \dfrac{ln^2 x}{x\,(ln^2 x - 9)}\,dx$		$ln\,x - \dfrac{3}{2}\,ln|ln\,x+3| + \dfrac{3}{2}\,ln|ln\,x-3| + c$
434	$\int \dfrac{x+1}{2\sqrt{-x^2-3x-2}}\,dx$	*porre* $x-1=t^2(2-x)$	$\dfrac{5}{2}\,arctan\sqrt{\dfrac{x-1}{2-x}} - \dfrac{2-x}{2}\sqrt{\dfrac{x-1}{2-x}} + c$
435	$\int \dfrac{\sqrt{2-x^2}}{1-x^2}\,dx$	*porre* $x=\sqrt{2}\,cos\,t$	$\dfrac{1}{2}\,ln\left|\dfrac{1-x^2}{1+x\sqrt{2-x^2}}\right| + arccos\dfrac{x}{\sqrt{2}} + c$

	Soluzioni degli integrali immediati generalizzati		
33	$\dfrac{sin^5 x}{5} + c$	34	$-\dfrac{9}{8} \sqrt[3]{(7 - 4\ln x)^2} + c$
35	$\dfrac{(x^2 + 3)^6}{12} + c$	36	$\dfrac{tan^5 x}{5} + c$
37	$\dfrac{ln^5 x}{5} + c$	38	$\dfrac{arcsin(3x)}{3} + c$
39	$\dfrac{arcsin^5 x}{5} + c$	40	$\dfrac{1}{2} ln\,(2e^x + 1) + c$
41	$arctan\, e^x + c$	42	$-\dfrac{cot\, x^2}{2} + c$
43	$2\, e^{\sqrt{x}} + c$	44	$\dfrac{tan\, x^3}{3} + c$
45	$\dfrac{arctan^4 x}{4} + c$	46	$sin\, e^x + c$
47	$-\dfrac{2}{3}\,(2 + \cot x)\,\sqrt{2 + \cot x} + c$	48	$-\dfrac{1}{5} \ln|cos(5x - 2)| + c$
49	$-\dfrac{cos(6x + 3)}{6} + c$	50	$\dfrac{arcsin\, x^4}{4} + c$
51	$\dfrac{(7 + e^x)^5}{5} + c$	52	$\dfrac{2}{3}\,\sqrt{1 + x^3} + c$
53	$ln\,(3x - cos\, x) + c$	54	$-cos(ln\, x) + c$
55	$-\dfrac{2}{3}\,(1 + \cos x)\,\sqrt{1 + \cos x} + c$	56	$2\, arctan\, \sqrt{x} + c$
57	$ln\,(3x^2 - x + 1) + c$	58	$\dfrac{1}{4} \ln|x^4 - 3| + c$
59	$\dfrac{e^{4x-2}}{4} + c$	60	$\sqrt{1 + sin^2 x} + c$

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61	$\dfrac{(x+2)^8}{8} + c$	62	$2^{\arcsin x} \log_2 e + c$
63	$\dfrac{\arctan x^4}{4} + c$	64	$-\cot(\sin x) + c$
65	$e^{\sin x} + c$	66	$\dfrac{e^{x^4}}{4} + c$
67	$\dfrac{1}{6} \sin^6 x + c$	68	$\dfrac{1}{4}(x^2+7)^2 + c$
69	$\dfrac{1}{3} \arcsin^3 x + c$	70	$\dfrac{1}{8} \arctan^8 x + c$
71	$\dfrac{1}{7} \ln^7 x + c$	72	$\arctan(\sin x) + c$
73	$\arcsin(\ln x) + c$	74	$e^{\arctan x} + c$
75	$\dfrac{1}{10}(x^2+1)^5 + c$	76	$\ln|x + \cos x| + c$
77	$-\dfrac{1}{2\sin^2 x} + c$	78	$\arcsin e^x + c$
79	$-\dfrac{1}{5}\cos(5x+4) + c$	80	$\dfrac{1}{16}(2x-9)^8 + c$
81	$-\cos(x^2+5x) + c$	82	$\ln(x^2+x+5) + c$
83	$\dfrac{1}{4}(5+e^x)^4 + c$	84	$\dfrac{2}{3}(3+\sin x)^{\frac{3}{2}} + c$
85	$\dfrac{1}{3}\ln|x^3+1| + c$	86	$\dfrac{1}{2}e^{x^2} + c$
87	$\dfrac{2}{9}(2-3x+7x^3)^{3/2} + c$	88	$-\dfrac{1}{2}\ln|\cos(2x+3)| + c$

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89	$\dfrac{1}{7}\sin(7x+3)+c$	90	$\dfrac{1}{5}e^{5x-2}+c$
91	$\dfrac{1}{2}\arctan x^2+c$	92	$\dfrac{1}{3}\arcsin x^3+c$
93	$-\dfrac{1}{2}\arcsin^2(1-2x)+c$	94	$\dfrac{1}{2}\sqrt{1+x^4}+c$
95	$\sin(\ln x)+c$	96	$-\dfrac{3}{10}(8-5\ln x)^{2/3}+c$
97	$\dfrac{1}{\sqrt{5}}\arctan\dfrac{\sin x}{\sqrt{5}}+c$	98	$\dfrac{1}{4}\tan^4 x+c$
99	$\dfrac{1}{2}\arcsin 2x+c$	100	$2\arctan\sqrt{x}+c$
191	$-\dfrac{1}{2}\cos(3+x^2)+c$	102	$3\arctan\sqrt[3]{x}+c$
103	$\dfrac{1}{9}(x+1)^9+c$	104	$\dfrac{1}{3}\ln|3x+5|+c$
105	$2\sqrt{\ln x}+c$	106	$\dfrac{2}{3}\arctan x^3+c$
107	$-\dfrac{7}{5}e^{5-x^5}+c$	108	$2\arctan\sqrt{a+x}+c$
109	$-\cos(e^x)+c$	110	$\dfrac{1}{2}\tan x^2+c$
111	$-\dfrac{2}{3}(1-\sin x)\sqrt{1-\sin x}+c$	112	$-\dfrac{1}{8(x^2+a^2)^4}+c$
113	$-\ln|1+\cos x|+c$	114	$e^{\arcsin x}+c$
115	$\dfrac{2}{3}(\tan x)\sqrt{\tan x}+c$	116	$-\sqrt{1+\cos^2 x}+c$
117	$10\arctan\sqrt{x}+c$	118	$\dfrac{1}{3}\arctan\dfrac{\ln x}{3}+c$