

# Table of Integrals

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<b>Basic Forms</b>					
$\int x^n dx = \frac{x^{n+1}}{n+1} + C$ (n ≠ -1)	001	$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$	008	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	040
$\int \frac{1}{x} dx = \ln x  + C$	002	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	010	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	042
$\int e^x dx = e^x + C$	003	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	012	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	044
$\int a^x dx = \frac{a^x}{\ln a} + C$	004	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	014	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	046
$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	005	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	016	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	048
$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	006	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	018	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	050
$\int e^{-x} dx = -e^{-x} + C$	007	$\int \frac{1}{x^2 + a^2} dx = \frac{1}{a} \arctan\left(\frac{x}{a}\right) + C$	020	$\int \frac{1}{x^2 - a^2} dx = \frac{1}{2a} \ln\left \frac{x-a}{x+a}\right  + C$	052
<b>Integrals of Rational Functions</b>		<b>Integrals with Roots</b>		<b>Integrals with Logarithms</b>	
$\int \frac{1}{x} dx = \ln x  + C$	001	$\int \sqrt{x} dx = \frac{2}{3} x^{3/2} + C$	024	$\int \ln x dx = x \ln x - x + C$	056
$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$	002	$\int \sqrt[3]{x} dx = \frac{3}{4} x^{4/3} + C$	026	$\int \frac{1}{x} dx = \ln x  + C$	058
$\int \frac{1}{x^3} dx = -\frac{1}{2x^2} + C$	003	$\int \sqrt[4]{x} dx = \frac{4}{5} x^{5/4} + C$	028	$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$	060
$\int \frac{1}{x^4} dx = -\frac{1}{3x^3} + C$	004	$\int \sqrt[5]{x} dx = \frac{5}{6} x^{6/5} + C$	030	$\int \frac{1}{x^3} dx = -\frac{1}{2x^2} + C$	062
$\int \frac{1}{x^5} dx = -\frac{1}{4x^4} + C$	005	$\int \sqrt[6]{x} dx = \frac{6}{7} x^{7/6} + C$	032	$\int \frac{1}{x^4} dx = -\frac{1}{3x^3} + C$	064
$\int \frac{1}{x^6} dx = -\frac{1}{5x^5} + C$	006	$\int \sqrt[7]{x} dx = \frac{7}{8} x^{8/7} + C$	034	$\int \frac{1}{x^5} dx = -\frac{1}{4x^4} + C$	066
$\int \frac{1}{x^7} dx = -\frac{1}{6x^6} + C$	007	$\int \sqrt[8]{x} dx = \frac{8}{9} x^{9/8} + C$	036	$\int \frac{1}{x^6} dx = -\frac{1}{5x^5} + C$	068
$\int \frac{1}{x^8} dx = -\frac{1}{7x^7} + C$	008	$\int \sqrt[9]{x} dx = \frac{9}{10} x^{10/9} + C$	038	$\int \frac{1}{x^7} dx = -\frac{1}{6x^6} + C$	070
$\int \frac{1}{x^9} dx = -\frac{1}{8x^8} + C$	009	$\int \sqrt[10]{x} dx = \frac{10}{11} x^{11/10} + C$	040	$\int \frac{1}{x^8} dx = -\frac{1}{7x^7} + C$	072
$\int \frac{1}{x^{10}} dx = -\frac{1}{9x^9} + C$	010	$\int \sqrt[11]{x} dx = \frac{11}{12} x^{12/11} + C$	042	$\int \frac{1}{x^9} dx = -\frac{1}{8x^8} + C$	074
$\int \frac{1}{x^{11}} dx = -\frac{1}{10x^{10}} + C$	011	$\int \sqrt[12]{x} dx = \frac{12}{13} x^{13/12} + C$	044	$\int \frac{1}{x^{10}} dx = -\frac{1}{9x^9} + C$	076
$\int \frac{1}{x^{12}} dx = -\frac{1}{11x^{11}} + C$	012	$\int \sqrt[13]{x} dx = \frac{13}{14} x^{14/13} + C$	046	$\int \frac{1}{x^{11}} dx = -\frac{1}{10x^{10}} + C$	078
$\int \frac{1}{x^{13}} dx = -\frac{1}{12x^{12}} + C$	013	$\int \sqrt[14]{x} dx = \frac{14}{15} x^{15/14} + C$	048	$\int \frac{1}{x^{12}} dx = -\frac{1}{11x^{11}} + C$	080
$\int \frac{1}{x^{14}} dx = -\frac{1}{13x^{13}} + C$	014	$\int \sqrt[15]{x} dx = \frac{15}{16} x^{16/15} + C$	050	$\int \frac{1}{x^{13}} dx = -\frac{1}{12x^{12}} + C$	082
$\int \frac{1}{x^{15}} dx = -\frac{1}{14x^{14}} + C$	015	$\int \sqrt[16]{x} dx = \frac{16}{17} x^{17/16} + C$	052	$\int \frac{1}{x^{14}} dx = -\frac{1}{13x^{13}} + C$	084
$\int \frac{1}{x^{16}} dx = -\frac{1}{15x^{15}} + C$	016	$\int \sqrt[17]{x} dx = \frac{17}{18} x^{18/17} + C$	054	$\int \frac{1}{x^{15}} dx = -\frac{1}{14x^{14}} + C$	086
$\int \frac{1}{x^{17}} dx = -\frac{1}{16x^{16}} + C$	017	$\int \sqrt[18]{x} dx = \frac{18}{19} x^{19/18} + C$	056	$\int \frac{1}{x^{16}} dx = -\frac{1}{15x^{15}} + C$	088
$\int \frac{1}{x^{18}} dx = -\frac{1}{17x^{17}} + C$	018	$\int \sqrt[19]{x} dx = \frac{19}{20} x^{20/19} + C$	058	$\int \frac{1}{x^{17}} dx = -\frac{1}{16x^{16}} + C$	090
$\int \frac{1}{x^{19}} dx = -\frac{1}{18x^{18}} + C$	019	$\int \sqrt[20]{x} dx = \frac{20}{21} x^{21/20} + C$	060	$\int \frac{1}{x^{18}} dx = -\frac{1}{17x^{17}} + C$	092
$\int \frac{1}{x^{20}} dx = -\frac{1}{19x^{19}} + C$	020	$\int \sqrt[21]{x} dx = \frac{21}{22} x^{22/21} + C$	062	$\int \frac{1}{x^{19}} dx = -\frac{1}{18x^{18}} + C$	094
$\int \frac{1}{x^{21}} dx = -\frac{1}{20x^{20}} + C$	021	$\int \sqrt[22]{x} dx = \frac{22}{23} x^{23/22} + C$	064	$\int \frac{1}{x^{20}} dx = -\frac{1}{19x^{19}} + C$	096
$\int \frac{1}{x^{22}} dx = -\frac{1}{21x^{21}} + C$	022	$\int \sqrt[23]{x} dx = \frac{23}{24} x^{24/23} + C$	066	$\int \frac{1}{x^{21}} dx = -\frac{1}{20x^{20}} + C$	098
$\int \frac{1}{x^{23}} dx = -\frac{1}{22x^{22}} + C$	023	$\int \sqrt[24]{x} dx = \frac{24}{25} x^{25/24} + C$	068	$\int \frac{1}{x^{22}} dx = -\frac{1}{21x^{21}} + C$	100
$\int \frac{1}{x^{24}} dx = -\frac{1}{23x^{23}} + C$	024	$\int \sqrt[25]{x} dx = \frac{25}{26} x^{26/25} + C$	070	$\int \frac{1}{x^{23}} dx = -\frac{1}{22x^{22}} + C$	102
$\int \frac{1}{x^{25}} dx = -\frac{1}{24x^{24}} + C$	025	$\int \sqrt[26]{x} dx = \frac{26}{27} x^{27/26} + C$	072	$\int \frac{1}{x^{24}} dx = -\frac{1}{23x^{23}} + C$	104
$\int \frac{1}{x^{26}} dx = -\frac{1}{25x^{25}} + C$	026	$\int \sqrt[27]{x} dx = \frac{27}{28} x^{28/27} + C$	074	$\int \frac{1}{x^{25}} dx = -\frac{1}{24x^{24}} + C$	106
$\int \frac{1}{x^{27}} dx = -\frac{1}{26x^{26}} + C$	027	$\int \sqrt[28]{x} dx = \frac{28}{29} x^{29/28} + C$	076	$\int \frac{1}{x^{26}} dx = -\frac{1}{25x^{25}} + C$	108
$\int \frac{1}{x^{28}} dx = -\frac{1}{27x^{27}} + C$	028	$\int \sqrt[29]{x} dx = \frac{29}{30} x^{30/29} + C$	078	$\int \frac{1}{x^{27}} dx = -\frac{1}{26x^{26}} + C$	110
$\int \frac{1}{x^{29}} dx = -\frac{1}{28x^{28}} + C$	029	$\int \sqrt[30]{x} dx = \frac{30}{31} x^{31/30} + C$	080	$\int \frac{1}{x^{28}} dx = -\frac{1}{27x^{27}} + C$	112
$\int \frac{1}{x^{30}} dx = -\frac{1}{29x^{29}} + C$	030	$\int \sqrt[31]{x} dx = \frac{31}{32} x^{32/31} + C$	082	$\int \frac{1}{x^{29}} dx = -\frac{1}{28x^{28}} + C$	114
$\int \frac{1}{x^{31}} dx = -\frac{1}{30x^{30}} + C$	031	$\int \sqrt[32]{x} dx = \frac{32}{33} x^{33/32} + C$	084	$\int \frac{1}{x^{30}} dx = -\frac{1}{29x^{29}} + C$	116
$\int \frac{1}{x^{32}} dx = -\frac{1}{31x^{31}} + C$	032	$\int \sqrt[33]{x} dx = \frac{33}{34} x^{34/33} + C$	086	$\int \frac{1}{x^{31}} dx = -\frac{1}{30x^{30}} + C$	118
$\int \frac{1}{x^{33}} dx = -\frac{1}{32x^{32}} + C$	033	$\int \sqrt[34]{x} dx = \frac{34}{35} x^{35/34} + C$	088	$\int \frac{1}{x^{32}} dx = -\frac{1}{31x^{31}} + C$	120
$\int \frac{1}{x^{34}} dx = -\frac{1}{33x^{33}} + C$	034	$\int \sqrt[35]{x} dx = \frac{35}{36} x^{36/35} + C$	090	$\int \frac{1}{x^{33}} dx = -\frac{1}{32x^{32}} + C$	122
$\int \frac{1}{x^{35}} dx = -\frac{1}{34x^{34}} + C$	035	$\int \sqrt[36]{x} dx = \frac{36}{37} x^{37/36} + C$	092	$\int \frac{1}{x^{34}} dx = -\frac{1}{33x^{33}} + C$	124
$\int \frac{1}{x^{36}} dx = -\frac{1}{35x^{35}} + C$	036	$\int \sqrt[37]{x} dx = \frac{37}{38} x^{38/37} + C$	094	$\int \frac{1}{x^{35}} dx = -\frac{1}{34x^{34}} + C$	126
$\int \frac{1}{x^{37}} dx = -\frac{1}{36x^{36}} + C$	037	$\int \sqrt[38]{x} dx = \frac{38}{39} x^{39/38} + C$	096	$\int \frac{1}{x^{36}} dx = -\frac{1}{35x^{35}} + C$	128
$\int \frac{1}{x^{38}} dx = -\frac{1}{37x^{37}} + C$	038	$\int \sqrt[39]{x} dx = \frac{39}{40} x^{40/39} + C$	098	$\int \frac{1}{x^{37}} dx = -\frac{1}{36x^{36}} + C$	130
$\int \frac{1}{x^{39}} dx = -\frac{1}{38x^{38}} + C$	039	$\int \sqrt[40]{x} dx = \frac{40}{41} x^{41/40} + C$	100	$\int \frac{1}{x^{38}} dx = -\frac{1}{37x^{37}} + C$	132
$\int \frac{1}{x^{40}} dx = -\frac{1}{39x^{39}} + C$	040	$\int \sqrt[41]{x} dx = \frac{41}{42} x^{42/41} + C$	102	$\int \frac{1}{x^{39}} dx = -\frac{1}{38x^{38}} + C$	134
$\int \frac{1}{x^{41}} dx = -\frac{1}{40x^{40}} + C$	041	$\int \sqrt[42]{x} dx = \frac{42}{43} x^{43/42} + C$	104	$\int \frac{1}{x^{40}} dx = -\frac{1}{39x^{39}} + C$	136
$\int \frac{1}{x^{42}} dx = -\frac{1}{41x^{41}} + C$	042	$\int \sqrt[43]{x} dx = \frac{43}{44} x^{44/43} + C$	106	$\int \frac{1}{x^{41}} dx = -\frac{1}{40x^{40}} + C$	138
$\int \frac{1}{x^{43}} dx = -\frac{1}{42x^{42}} + C$	043	$\int \sqrt[44]{x} dx = \frac{44}{45} x^{45/44} + C$	108	$\int \frac{1}{x^{42}} dx = -\frac{1}{41x^{41}} + C$	140
$\int \frac{1}{x^{44}} dx = -\frac{1}{43x^{43}} + C$	044	$\int \sqrt[45]{x} dx = \frac{45}{46} x^{46/45} + C$	110	$\int \frac{1}{x^{43}} dx = -\frac{1}{42x^{42}} + C$	142
$\int \frac{1}{x^{45}} dx = -\frac{1}{44x^{44}} + C$	045	$\int \sqrt[46]{x} dx = \frac{46}{47} x^{47/46} + C$	112	$\int \frac{1}{x^{44}} dx = -\frac{1}{43x^{43}} + C$	144
$\int \frac{1}{x^{46}} dx = -\frac{1}{45x^{45}} + C$	046	$\int \sqrt[47]{x} dx = \frac{47}{48} x^{48/47} + C$	114	$\int \frac{1}{x^{45}} dx = -\frac{1}{44x^{44}} + C$	146
$\int \frac{1}{x^{47}} dx = -\frac{1}{46x^{46}} + C$	047	$\int \sqrt[48]{x} dx = \frac{48}{49} x^{49/48} + C$	116	$\int \frac{1}{x^{46}} dx = -\frac{1}{45x^{45}} + C$	148
$\int \frac{1}{x^{48}} dx = -\frac{1}{47x^{47}} + C$	048	$\int \sqrt[49]{x} dx = \frac{49}{50} x^{50/49} + C$	118	$\int \frac{1}{x^{47}} dx = -\frac{1}{46x^{46}} + C$	150
$\int \frac{1}{x^{49}} dx = -\frac{1}{48x^{48}} + C$	049	$\int \sqrt[50]{x} dx = \frac{50}{51} x^{51/50} + C$	120	$\int \frac{1}{x^{48}} dx = -\frac{1}{47x^{47}} + C$	152
$\int \frac{1}{x^{50}} dx = -\frac{1}{49x^{49}} + C$	050	$\int \sqrt[51]{x} dx = \frac{51}{52} x^{52/51} + C$	122	$\int \frac{1}{x^{49}} dx = -\frac{1}{48x^{48}} + C$	154
$\int \frac{1}{x^{51}} dx = -\frac{1}{50x^{50}} + C$	051	$\int \sqrt[52]{x} dx = \frac{52}{53} x^{53/52} + C$	124	$\int \frac{1}{x^{50}} dx = -\frac{1}{49x^{49}} + C$	156
$\int \frac{1}{x^{52}} dx = -\frac{1}{51x^{51}} + C$	052	$\int \sqrt[53]{x} dx = \frac{53}{54} x^{54/53} + C$	126	$\int \frac{1}{x^{51}} dx = -\frac{1}{50x^{50}} + C$	158
$\int \frac{1}{x^{53}} dx = -\frac{1}{52x^{52}} + C$	053	$\int \sqrt[54]{x} dx = \frac{54}{55} x^{55/54} + C$	128	$\int \frac{1}{x^{52}} dx = -\frac{1}{51x^{51}} + C$	160
$\int \frac{1}{x^{54}} dx = -\frac{1}{53x^{53}} + C$	054	$\int \sqrt[55]{x} dx = \frac{55}{56} x^{56/55} + C$	130	$\int \frac{1}{x^{53}} dx = -\frac{1}{52x^{52}} + C$	162
$\int \frac{1}{x^{55}} dx = -\frac{1}{54x^{54}} + C$	055	$\int \sqrt[56]{x} dx = \frac{56}{57} x^{57/56} + C$	132	$\int \frac{1}{x^{54}} dx = -\frac{1}{53x^{53}} + C$	164
$\int \frac{1}{x^{56}} dx = -\frac{1}{55x^{55}} + C$	056	$\int \sqrt[57]{x} dx = \frac{57}{58} x^{58/57} + C$	134	$\int \frac{1}{x^{55}} dx = -\frac{1}{54x^{54}} + C$	166
$\int \frac{1}{x^{57}} dx = -\frac{1}{56x^{56}} + C$	057	$\int \sqrt[58]{x} dx = \frac{58}{59} x^{59/58} + C$	136	$\int \frac{1}{x^{56}} dx = -\frac{1}{55x^{55}} + C$	168
$\int \frac{1}{x^{58}} dx = -\frac{1}{57x^{57}} + C$	058	$\int \sqrt[59]{x} dx = \frac{59}{60} x^{60/59} + C$	138	$\int \frac{1}{x^{57}} dx = -\frac{1}{56x^{56}} + C$	170
$\int \frac{1}{x^{59}} dx = -\frac{1}{58x^{58}} + C$	059	$\int \sqrt[60]{x} dx = \frac{60}{61} x^{61/60} + C$	140	$\int \frac{1}{x^{58}} dx = -\frac{1}{57x^{57}} + C$	172
$\int \frac{1}{x^{60}} dx = -\frac{1}{59x^{59}} + C$	060	$\int \sqrt[61]{x} dx = \frac{61}{62} x^{62/61} + C$	142	$\int \frac{1}{x^{59}} dx = -\frac{1}{58x^{58}} + C$	174
$\int \frac{1}{x^{61}} dx = -\frac{1}{60x^{60}} + C$	061	$\int \sqrt[62]{x} dx = \frac{62}{63} x^{63/62} + C$	144	$\int \frac{1}{x^{60}} dx = -\frac{1}{59x^{59}} + C$	176
$\int \frac{1}{x^{62}} dx = -\frac{1}{61x^{61}} + C$	062	$\int \sqrt[63]{x} dx = \frac{63}{64} x^{64/63} + C$	146	$\int \frac{1}{x^{61}} dx = -\frac{1}{60x^{60}} + C$	178
$\int \frac{1}{x^{63}} dx = -\frac{1}{62x^{62}} + C$	063	$\int \sqrt[64]{x} dx = \frac{64}{65} x^{65/64} + C$	148	$\int \frac{1}{x^{62}} dx = -\frac{1}{61x^{61}} + C$	180
$\int \frac{1}{x^{64}} dx = -\frac{1}{63x^{63}} + C$	064	$\int \sqrt[65]{x} dx = \frac{65}{66} x^{66/65} + C$	150	$\int \frac{1}{x^{63}} dx = -\frac{1}{62x^{62}} + C$	182
$\int \frac{1}{x^{65}} dx = -\frac{1}{64x^{64}} + C$	065	$\int \sqrt[66]{x} dx = \frac{66}{67} x^{67/66} + C$	152	$\int \frac{1}{x^{64}} dx = -\frac{1}{63x^{63}} + C$	184
$\int \frac{1}{x^{66}} dx = -\frac{1}{65x^{65}} + C$	066	$\int \sqrt[67]{x} dx = \frac{67}{68} x^{68/67} + C$	154	$\int \frac{1}{x^{65}} dx = -\frac{1}{64x^{64}} + C$	186
$\int \frac{1}{x^{67}} dx = -\frac{1}{66x^{66}} + C$	067	$\int \sqrt[68]{x} dx = \frac{68}{69} x^{69/68} + C$	156	$\int \frac{1}{x^{66}} dx = -\frac{1}{65x^{65}} + C$	188
$\int \frac{1}{x^{68}} dx = -\frac{1}{67x^{67}} + C$	068	$\int \sqrt[69]{x} dx = \frac{69}{70} x^{70/69} + C$	158	$\int \frac{1}{x^{67}} dx = -\frac{1}{66x^{66}} + C$	190
$\int \frac{1}{x^{69}} dx = -\frac{1}{68x^{68}} + C$	069	$\int \sqrt[70]{x} dx = \frac{70}{71} x^{71/70} + C$	160	$\int \frac{1}{x^{68}} dx = -\frac{1}{67x^{67}} + C$	192
$\int \frac{1}{x^{70}} dx = -\frac{1}{69x^{69}} + C$	070	$\int \sqrt[71]{x} dx = \frac{71}{72} x^{72/71} + C$	162	$\int \frac{1}{x^{69}} dx = -\frac{1}{68x^{68}} + C$	194
$\int \frac{1}{x^{71}} dx = -\frac{1}{70x^{70}} + C$	071	$\int \sqrt[72]{x} dx = \frac{72}{73} x^{73/72} + C$	164	$\int \frac{1}{x^{70}} dx = -\frac{1}{69x^{69}} + C$	196
$\int \frac{1}{x^{72}} dx = -\frac{1}{71x^{71}} + C$	072	$\int \sqrt[73]{x} dx = \frac{73}{74} x^{74/73} + C$	166	$\int \frac{1}{x^{71}} dx = -\frac{1}{70x^{70}} + C$	198
$\int \frac{1}{x^{73}} dx = -\frac{1}{72x^{72}} + C$	073	$\int \sqrt[74]{x} dx = \frac{74}{75} x^{75/74} + C$	168	$\int \frac{1}{x^{72}} dx = -\frac{1}{71x^{71}} + C$	200
$\int \frac{1}{x^{74}} dx = -\frac{1}{73x^{73}} + C$	074	$\int \sqrt[75]{x} dx = \frac{75}{76} x^{76/75} + C$	170	$\int \frac{1}{x^{73}} dx = -\frac{1}{72x^{72}} + C$	202
$\int \frac{1}{x^{75}} dx = -\frac{1}{74x^{74}} + C$					

# Table Of Integrals

**Benjamin Osgood Peirce**



## Table Of Integrals:

**A Short Table of Integrals** Benjamin Osgood Peirce, 1910      **A Short Table of Integrals** Benjamin Osgood Peirce, 1899      **Table of Integrals, Series, and Products** Izrail' Solomonovich Gradshteyn, Iosif Moiseevich Ryzhik, 1965

**Table of Integrals, Series, and Products** Daniel Zwillinger, 2014-09-18 The eighth edition of the classic Gradshteyn and Ryzhik is an updated completely revised edition of what is acknowledged universally by mathematical and applied science users as the key reference work concerning the integrals and special functions The book is valued by users of previous editions of the work both for its comprehensive coverage of integrals and special functions and also for its accuracy and valuable updates Since the first edition published in 1965 the mathematical content of this book has significantly increased due to the addition of new material though the size of the book has remained almost unchanged The new 8th edition contains entirely new results and amendments to the auxiliary conditions that accompany integrals and wherever possible most entries contain valuable references to their source Over 10 000 mathematical entries Most up to date listing of integrals series and products special functions Provides accuracy and efficiency in industry work 25% of new material not including changes to the restrictions on results that revise the range of validity of results which lend to approximately 35% of new updates      *Table of Integrals, Series and Products* I. S. Gradshteyn, M. Ju Cejtlin, Ju. V. Geronimus, I. M. Ryzik, 1965

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