Συνάρτηση	Παράγουσα	Ορισμένο ολοκλήρωμα
c	cx	$\int_a^\beta c\mathrm{d}x = [cx]_a^\beta = c(\beta - a)$
x	$\frac{x^2}{2}$	$\int_a^\beta x\mathrm{d}x = \left[\frac{x^2}{2}\right]_a^\beta = \frac{\beta^2}{2} - \frac{a^2}{2}$
x^ν	$\frac{x^{\nu+1}}{\nu+1}$	$\int_a^\beta x^\nu\mathrm{d}x = \left[\frac{x^{\nu+1}}{\nu+1}\right]_a^\beta = \frac{\beta^{\nu+1}}{\nu+1} - \frac{a^{\nu+1}}{\nu+1}$
$\frac{1}{2\sqrt{x}}$	$\sqrt{x}$	$\int_a^\beta \frac{1}{2\sqrt{x}}\mathrm{d}x = [\sqrt{x}]_a^\beta = \sqrt{\beta} - \sqrt{a}$
$\sqrt[\nu]{x^\mu}$	$\frac{x^{\frac{\mu}{\nu}+1}}{\frac{\mu}{\nu}+1}$	$\int_a^\beta \sqrt[\nu]{x^\nu}\mathrm{d}x = \left[\frac{x^{\frac{\mu}{\nu}+1}}{\frac{\mu}{\nu}+1}\right]_a^\beta = \frac{\beta^{\frac{\mu}{\nu}+1}}{\frac{\mu}{\nu}+1} - \frac{a^{\frac{\mu}{\nu}+1}}{\frac{\mu}{\nu}+1}$
$\frac{1}{x^2}$	$-\frac{1}{x}$	$\int_a^\beta \frac{1}{x^2}\mathrm{d}x = \left[-\frac{1}{x}\right]_a^\beta = -\frac{1}{\beta} + \frac{1}{a}$
$\text{ημ}x$	$-\text{συν}x$	$\int_a^\beta \text{ημ}x\mathrm{d}x = [-\text{συν}x]_a^\beta = -\text{συν}\beta + \text{συν}a$
$\text{συν}x$	$\text{ημ}x$	$\int_a^\beta \text{συν}x\mathrm{d}x = [\text{ημ}x]_a^\beta = \text{ημ}\beta - \text{ημ}a$
$\frac{1}{\text{συν}^2 x}$	$\text{εφ}x$	$\int_a^\beta \frac{1}{\text{συν}^2 x}\mathrm{d}x = [\text{εφ}x]_a^\beta = \text{εφ}\beta - \text{εφ}a$
$\frac{1}{\text{ημ}^2 x}$	$\text{σφ}x$	$\int_a^\beta \frac{1}{\text{ημ}^2 x}\mathrm{d}x = [-\text{σφ}x]_a^\beta = -\text{σφ}\beta + \text{σφ}a$
e^x	e^x	$\int_a^\beta e^x\mathrm{d}x = [e^x]_a^\beta = e^\beta - e^a$
a^x	$\frac{a^x}{\ln a}$	$\int_a^\beta \mu^x\mathrm{d}x = \left[\frac{\mu^x}{\ln a}\right]_a^\beta = \frac{\mu^\beta}{\ln\mu} - \frac{\mu^a}{\ln\mu}$
$\frac{1}{x}$	$\ln\lvert x\rvert$	$\int_a^\beta \frac{1}{x}\mathrm{d}x = [\ln\lvert x\rvert]_a^\beta = \ln\lvert\beta\rvert - \ln\lvert a\rvert$