

ΑΠΛΕΣ		ΣΥΝΘΕΤΕΣ	
Συνάρτηση	Παράγουσα	Συνάρτηση	Παράγουσα
c	cx		
x	$\frac{x^2}{2}$	$f(x) \cdot f'(x)$	$\frac{f^2(x)}{2}$
x^ν	$\frac{x^{\nu+1}}{\nu+1}$	$f^\nu(x) \cdot f'(x)$	$\frac{f^{\nu+1}(x)}{\nu+1}$
$\frac{1}{2\sqrt{x}}$	\sqrt{x}	$\frac{f'(x)}{2\sqrt{f(x)}}$	$\sqrt{f(x)}$
$\sqrt[\nu]{x^\mu}$	$\frac{x^{\frac{\mu}{\nu}+1}}{\frac{\mu}{\nu}+1}$	$\sqrt[\nu]{f(x)^\mu} \cdot f'(x)$	$\frac{f^{\frac{\mu}{\nu}+1}(x)}{\frac{\mu}{\nu}+1}$
$\frac{1}{x^2}$	$-\frac{1}{x}$	$\frac{f'(x)}{f^2(x)}$	$-\frac{1}{f(x)}$
$\eta\mu x$	$-\sigma\upsilon\nu x$	$\eta\mu f(x) \cdot f'(x)$	$-\sigma\upsilon\nu f(x)$
$\sigma\upsilon\nu x$	$\eta\mu x$	$\sigma\upsilon\nu f(x) \cdot f'(x)$	$\eta\mu f(x)$
$\frac{1}{\sigma\upsilon\nu^2 x}$	$\epsilon\phi x$	$\frac{f'(x)}{\sigma\upsilon\nu^2 f(x)}$	$\epsilon\phi f(x)$
$\frac{1}{\eta\mu^2 x}$	$\sigma\phi x$	$\frac{f'(x)}{\eta\mu^2 f(x)}$	$\sigma\phi f(x)$
e^x	e^x	$e^{f(x)} \cdot f'(x)$	$e^{f(x)}$
a^x	$\frac{a^x}{\ln a}$	$a^{f(x)} \cdot f'(x)$	$\frac{a^{f(x)}}{\ln a}$
$\frac{1}{x}$	$\ln x $	$\frac{f'(x)}{f(x)}$	$\ln f(x) $