
Glossary of symbols

<i>Symbol</i>	<i>Meaning</i>	<i>page</i>
Re	real part	10
Im	imaginary part	10
$ $	modulus	11
\bar{z}	conjugate	11
$D(a, r)$	disc	12
$D'(a, r)$	punctured disc	12
$[a : b]$	line segment	20
co ()	convex cover	21
φ^*	range of path	26
$-\varphi$	reverse path	26
$\varphi \cup \psi$	join of paths	27
$[a \rightarrow b]$	directed line segment	27
$L()$	length of path	28
exp	exponential	39
cos	cosine	39
sin	sine	39
$C(a, r)$	circle	44
\arg_α		46

\log_α		47
$\int_\varphi f$	integral on φ	54
∂T	perimeter of triangle T	63
$\text{ord}(f, z_0)$	order of f at z_0	95
$\text{res}(f, z_0)$	residue	101
$w(\varphi, z)$	winding number	101
$\text{ZP}(f, \varphi)$	number of zeros minus number of poles	107

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