

DIA:Caracteres Unicode

1 Technical Symbols [↑](#)

1.1 Operadores Lógicos [↑](#)

\neq	≠	≠	no igual
&	&	&	ampersand
\wedge	∧	∧	operador "y"
\neg	¬	¬	operador "no"
\sim	∼	∼	tilde operador = varies with = similar to
\vee	∨	∨	logical 'or' sign
\rightarrow	→	→	rightwards arrow
\leftarrow	←	←	leftwards arrow
\leftrightarrow	↔	↔	left right arrow
\Updownarrow		⇕	up down double arrow
\equiv	≡	≡	identical to
\forall	∀	∀	for all
\exists	∃	∃	there exists
\beth		℩	symbol for definite description operator "the"
\square		□	box = necessarily
\diamond	◊	◊	lozenge = possibly
\Rightarrow	⇒	⇒	rightwards double arrow
\Leftarrow	⇐	⇐	leftwards double arrow
\Leftrightarrow	⇔	⇔	left right double arrow
\therefore	∴	∴	therefore
\perp	⊥	⊥	up tack = orthogonal to = perpendicular
\top		⊤	down tack = top
\dashv		⊣	left turnstile = adjoint
\vdash		⊢	turnstile, proves
\models		⊨	models, makes true
\nvdash		⊬	doesn't prove
$\not\models$		⊭	doesn't model, doesn't make true

1.2 Set Theory Symbols [↑](#)

\in	∈	∈	element of
\notin	∉	∉	not an element of
\ni	∋	∋	contains as member
\emptyset	∅	∅	empty set
\cap	∩	∩	intersection = cap
\cup	∪	∪	union = cup
\subset	⊂	⊂	subset of
\supset	⊃	⊃	superset of
$\not\subset$	⊄	⊄	not a subset of

\subseteq	⊆	⊆	subset of or equal to
\supseteq	⊇	⊇	superset of or equal to
\circ		○	function composition
\square		⨡	domain restrictor

1.3 Mathematical Symbols [↑](#)

$-$	−	−	minus sign
\pm	±	±	plus-or-minus sign
\times	×	×	multiply sign
\div	÷	÷	divide sign
$<$	<	<	less-than sign
$>$	>	>	greater-than sign
\leq	≤	≤	less-than or equal to
\geq	≥	≥	greater-than or equal to
\nlessgtr		≰	not less-than or equal to
$\frac{1}{4}$	¼	¼	fraction one-quarter
$\frac{1}{2}$	½	½	fraction one-half
$\frac{3}{4}$	¾	¾	fraction three-quarters
1	¹	¹	superscript one
2	²	²	superscript two
3	³	³	superscript three
$^\circ$	°	°	degree sign
\cdot	·	·	middle dot
f	ƒ	ƒ	latin small f with hook = function = florin
$'$	′	′	prime = minutes = feet
$''$	″	″	double prime = seconds = inches
$\overline{\quad}$	‾	‾	overline = spacing overscore
$/$	⁄	⁄	fraction slash
\aleph	ℵ	ℵ	Hebrew alef
∂	∂	∂	partial differential
Σ	∑	∑	n-ary summation
∇	∇	∇	nabla = backward difference
$\sqrt{\quad}$	√	√	square root = radical sign
\propto	∝	∝	proportional to
∞	∞	∞	infinity
\sphericalangle	∠	∠	angle
\int	∫	∫	integral
\cong	≅	≅	approximately equal to
\approx	≈	≈	almost equal to = asymptotic to
\oplus	⊕	⊕	circled plus = direct sum
\otimes	⊗	⊗	circled times = vector product
‰	‰	‰	per mille sign
\mathbb{R}	ℜ	ℜ	set of real numbers
\wp	℘	℘	power set
\mathfrak{I}	ℑ	ℑ	fraktur I, imaginary, interpretation

<	≺	precedes
>	≻	succeeds
≦	≼	precedes or equal to
≧	≽	succeeds or equal to
⋈	⋠	not precedes or equal to
⊲	⊲	is contained in as subgroup
⊳	⊳	contains as subgroup
⊴	⊴	is contained in or equal to
ħ	ℏ	Dirac constant
ℕ	ℕ	set of natural numbers
ℚ	ℚ	set of rational numbers
ℤ	ℤ	set of integers

1.4 Miscellaneous Technical Symbols [↑](#)

↑	↑	↑	upwards arrow
↓	↓	↓	downwards arrow

2 Alphabetic Characters [↑](#)

2.1 Latin Characters [↑](#)

À	À	À	capital A, grave accent
Á	Á	Á	capital A, acute accent
Â	Â	Â	capital A, circumflex accent
Ã	Ã	Ã	capital A, tilde
Ä	Ä	Ä	capital A, dieresis or umlaut mark
Å	Å	Å	capital A, ring
Æ	Æ	Æ	capital AE diphthong (ligature)
Ç	Ç	Ç	capital C, cedilla
È	È	È	capital E, grave accent
É	É	É	capital E, acute accent
Ê	Ê	Ê	capital E, circumflex accent
Ë	Ë	Ë	capital E, dieresis or umlaut mark
Ì	Ì	Ì	capital I, grave accent
Í	Í	Í	capital I, acute accent
Î	Î	Î	capital I, circumflex accent
Ï	Ï	Ï	capital I, dieresis or umlaut mark
Ð	Ð	Ð	capital Eth, Icelandic
Ñ	Ñ	Ñ	capital N, tilde
Ò	Ò	Ò	capital O, grave accent
Ó	Ó	Ó	capital O, acute accent
Ô	Ô	Ô	capital O, circumflex accent
Õ	Õ	Õ	capital O, tilde
Ö	Ö	Ö	capital O, dieresis or umlaut mark
Ø	Ø	Ø	capital O, slash
Ù	Ù	Ù	capital U, grave accent

Ú	Ú	Ú	capital U, acute accent
Û	Û	Û	capital U, circumflex accent
Ü	Ü	Ü	capital U, dieresis or umlaut mark
Ý	Ý	Ý	capital Y, acute accent
Þ	Þ	Þ	capital THORN, Icelandic
ß	ß	ß	small sharp s, German (sz ligature)
à	à	à	small a, grave accent
á	á	á	small a, acute accent
â	â	â	small a, circumflex accent
ã	ã	ã	small a, tilde
ä	ä	ä	small a, dieresis or umlaut mark
å	å	å	small a, ring
æ	æ	æ	small ae diphthong (ligature)
ç	ç	ç	small c, cedilla
è	è	è	small e, grave accent
é	é	é	small e, acute accent
ê	ê	ê	small e, circumflex accent
ë	ë	ë	small e, dieresis or umlaut mark
ì	ì	ì	small i, grave accent
í	í	í	small i, acute accent
î	î	î	small i, circumflex accent
ï	ï	ï	small i, dieresis or umlaut mark
ð	ð	ð	small eth, Icelandic
ñ	ñ	ñ	small n, tilde
ò	ò	ò	small o, grave accent
ó	ó	ó	small o, acute accent
ô	ô	ô	small o, circumflex accent
õ	õ	õ	small o, tilde
ö	ö	ö	small o, dieresis or umlaut mark
ø	ø	ø	small o, slash
ù	ù	ù	small u, grave accent
ú	ú	ú	small u, acute accent
û	û	û	small u, circumflex accent
ü	ü	ü	small u, dieresis or umlaut mark
ý	ý	ý	small y, acute accent
þ	þ	þ	small thorn, Icelandic
ÿ	ÿ	ÿ	small y, dieresis or umlaut mark
Œ	Œ	Œ	latin capital ligature oe
œ	œ	œ	latin small ligature oe
Š	Š	Š	latin capital l r s with caron
š	š	š	latin small r s with caron
ÿ	Ÿ	Ÿ	latin capital letter y with diaeresis

2.2 Greek Characters [↑](#)

Α	Α	Α	greek capital letter alpha
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B	Β	Β	greek capital letter beta
Γ	Γ	Γ	greek capital letter gamma
Δ	Δ	Δ	greek capital letter delta
Ε	Ε	Ε	greek capital letter epsilon
Z	Ζ	Ζ	greek capital letter zeta
H	Η	Η	greek capital letter eta
Θ	Θ	Θ	greek capital letter theta
I	Ι	Ι	greek capital letter iota
K	Κ	Κ	greek capital letter kappa
Λ	Λ	Λ	greek capital letter lambda
M	Μ	Μ	greek capital letter mu
N	Ν	Ν	greek capital letter nu
Ξ	Ξ	Ξ	greek capital letter xi
O	Ο	Ο	greek capital letter omicron
Π	Π	Π	greek capital letter pi
P	Ρ	Ρ	greek capital letter rho
Σ	Σ	Σ	greek capital letter sigma
T	Τ	Τ	greek capital letter tau
Υ	Υ	Υ	greek capital letter upsilon
Φ	Φ	Φ	greek capital letter phi
X	Χ	Χ	greek capital letter chi
Ψ	Ψ	Ψ	greek capital letter psi
Ω	Ω	Ω	greek capital letter omega
α	α	α	greek small letter alpha
β	β	β	greek small letter beta
γ	γ	γ	greek small letter gamma
δ	δ	δ	greek small letter delta
ε	ε	ε	greek small letter epsilon
ζ	ζ	ζ	greek small letter zeta
η	η	η	greek small letter eta
θ	θ	θ	greek small letter theta
ι	ι	ι	greek small letter iota
κ	κ	κ	greek small letter kappa
λ	λ	λ	greek small letter lambda
μ	μ	μ	greek small letter mu
ν	ν	ν	greek small letter nu
ξ	ξ	ξ	greek small letter xi
ο	ο	ο	greek small letter omicron
π	π	π	greek small letter pi
ρ	ρ	ρ	greek small letter rho
ς	ς	ς	greek small letter final sigma
σ	σ	σ	greek small letter sigma
τ	τ	τ	greek small letter tau
υ	υ	υ	greek small letter upsilon
φ	φ	φ	greek small letter phi
χ	χ	χ	greek small letter chi

ψ	ψ	ψ	greek small letter psi
ω	ω	ω	greek small letter omega

2.3 Polish, Czech, Slovene, etc., Characters [↑](#)

Ą	Ą	Ą	upper case A ogonek
ą	ą	ą	lower case a ogonek
Ć	Ć	Ć	upper case C acute
ć	ć	ć	lower case c acute
Č	Č	Č	upper case C caron
č	č	č	lower case c caron
Ę	Ę	Ę	upper case E ogonek
ę	ę	ę	lower case e ogonek
ě	ě	ě	lower case e caron
Ł	Ł	Ł	upper case L slash
ł	ł	ł	lower case l slash
Ń	Ń	Ń	upper case N acute
ń	ń	ń	lower case n acute
Ř	Ř	Ř	upper case R caron
ř	ř	ř	lower case r caron
Š	Š	Š	upper case S caron
š	š	š	lower case s caron
Ś	Ś	Ś	upper case S acute
ś	ś	ś	lower case s acute
Ż	Ź	Ź	upper case Z acute
ż	ź	ź	lower case z acute
Ž	Ż	Ż	upper case Z dot
ž	ż	ż	lower case z dot
Ž	Ž	Ž	upper case Z caron
ž	ž	ž	lower case z caron

2.4 Special Diacritics [↑](#)

Ā	Ā	Ā	upper case A macron
ā	ā	ā	lower case a macron
ḏ	ḍ	ḍ	lower case d with dot below
ē	ē	ē	e with macron
ğ	ğ	ğ	lower case g with breve
Ḥ	Ḥ	Ḥ	upper case H with dot below
ḥ	ḥ	ḥ	lower case h with dot below
ī	Ī	Ī	upper case I macron
ī	ī	ī	lower case i macron
ṁ	ṃ	ṃ	lower case m with dot below
Ṁ	Ṁ	Ṁ	upper case M with dot above
ṁ	ṁ	ṁ	lower case m with dot above
ṅ	ṇ	ṇ	lower case n with dot below
ṅ	ṅ	ṅ	lower case n with dot above

ō	ō	ō	lower case o macron
ŗ	ṛ	ṛ	lower case r with dot below
Ś	Ś	Ś	upper case S acute
ś	ś	ś	lower case s acute
Ş	Ṣ	Ṣ	upper case S with dot below
ş	ṣ	ṣ	lower case s with dot below
ţ	ṭ	ṭ	lower case t with dot below
Ţ	Ṭ	Ṭ	upper case T with dot below
ū	ū	ū	lower case u macron
Ů	Ṽ	Ṽ	upper case V tilde
Ẑ	ẓ	ẓ	upper case Z with dot below

See <http://symbolcodes.tlt.psu.edu/bylanguage/ipavowels.html>

3 Punctuation, Pure Diacritical Marks, and Special Characters [↑](#)

3.1 General Punctuation [↑](#)

"	"	"	quotation mark = apl quote
'	‘	‘	left single quotation mark
'	’	’	right single quotation mark
“	“	“	left double quotation mark
”	”	”	right double quotation mark
–	–	–	en dash
—	—	—	em dash
...	…	…	horizontal ellipsis = three dot leader
•	•	•	bullet = black small circle
§	§	§	section sign
¶	¶	¶	pilcrow (paragraph sign)
«	«	«	angle quotation mark, left
»	»	»	angle quotation mark, right
<	‹	‹	single left-pointing angle quotation mark
>	›	›	single right-pointing angle quotation mark
{	⟨	⟨	left-pointing angle bracket
}	⟩	⟩	right-pointing angle bracket
¡	¡	¡	inverted exclamation mark
¿	¿	¿	inverted question mark
,	‚	‚	single low-9 quotation mark
„	„	„	double low-9 quotation mark
†	†	†	dagger
‡	‡	‡	double dagger
	 	 	en space
	 	 	em space
	 	 	thin space
	 	 	no-break space
[⌈	⌈	left ceiling
]	⌉	⌉	right ceiling



[⌊	⌊	left floor
]	⌋	⌋	right floor
[[⟦	⟦	left square double bracket
]]	⟧	⟧	right square double bracket

3.2 Diacritical Marks [↑](#)

´	´	´	acute accent
¨	¨	¨	umlaut (dieresis)
ˉ	¯	¯	macron
¸	¸	¸	cedilla
ˆ	ˆ	ˆ	modifier letter circumflex accent
˜	˜	˜	small tilde

3.3 General Purpose Symbols [↑](#)

ª	ª	ª	ordinal indicator, feminine
º	º	º	ordinal indicator, masculine
	¦	¦	broken (vertical) bar
©	©	©	copyright sign
®	®	®	registered sign
™	™	™	trade mark sign
μ	µ	µ	micro sign

3.4 Currency/Cards [↑](#)

¢	¢	¢	cent sign
£	£	£	pound sterling sign
¤	¤	¤	general currency sign
¥	¥	&#y165;	yen sign
€	€	€	euro sign
♠	♠	♠	black spade suit
♣	♣	♣	black club suit = shamrock
♥	♥	♥	black heart suit = valentine
♦	&diamonds;	♦	black diamond suit