

# Symbola

Basic Latin, IPA Extensions,  
Spacing Modifier Letters, Combining Diacritical Marks,  
Greek and Coptic, Cyrillic, Cyrillic Supplement, General Punctuation,  
Superscripts and Subscripts, Currency Symbols,  
Combining Diacritical Marks for Symbols, Letterlike Symbols,  
Number Forms, Arrows, Mathematical Operators, Miscellaneous Technical,  
Control Pictures, Optical Character Recognition, Box Drawing, Block Elements,  
Geometric Shapes, Miscellaneous Symbols, Dingbats,  
Miscellaneous Mathematical Symbols-A, Supplemental Arrows-A,  
Braille Patterns, Supplemental Arrows-B, Miscellaneous Mathematical Symbols-B,  
Supplemental Mathematical Operators, Miscellaneous Symbols and Arrows,  
Supplemental Punctuation, Yijing Hexagram Symbols, Combining Half Marks, Specials,

Byzantine Musical Symbols, Musical Symbols, Ancient Greek Musical Notation,  
Tai Xuan Jing Symbols, Counting Rod Numerals, Mathematical Alphanumeric Symbols,  
Mahjong Tiles, Domino Tiles, Playing Cards, Miscellaneous Symbols And Pictographs,  
Emoticons, "Ornamental Dingbats", Transport And Map Symbols, Alchemical Symbols,  
"Geometric Shapes Extended", "Supplemental Arrows-C",

Symbols of occasional mathematical interest, et al.

**Symbola.ttf**

**version 7.02**

**2012**

**Symbola is not a merchandise;  
it is offered free for any use.**

Unicode Fonts for Ancient Scripts

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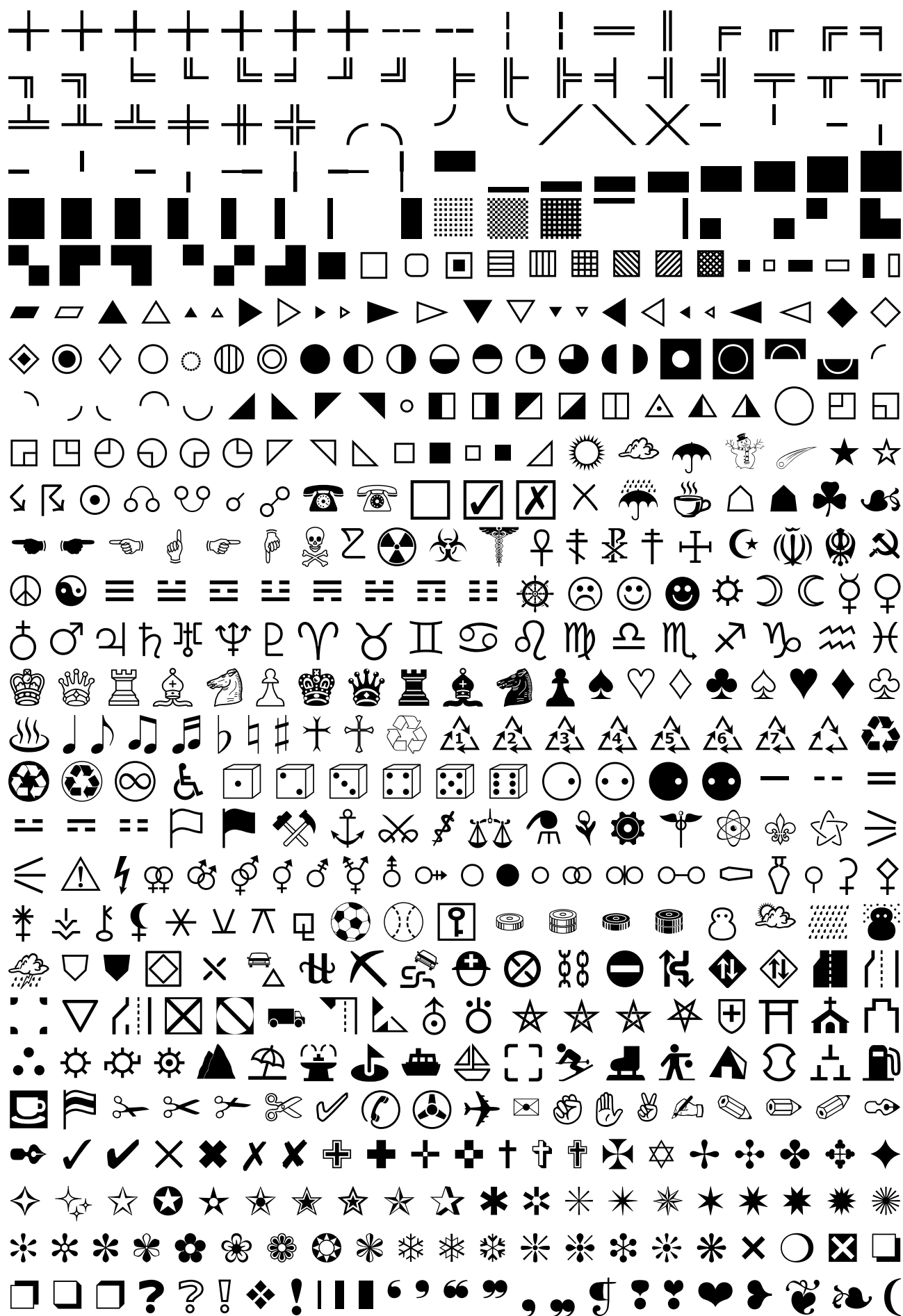
# Character repertoire of Symbola

(standardized variants are shown in blue)

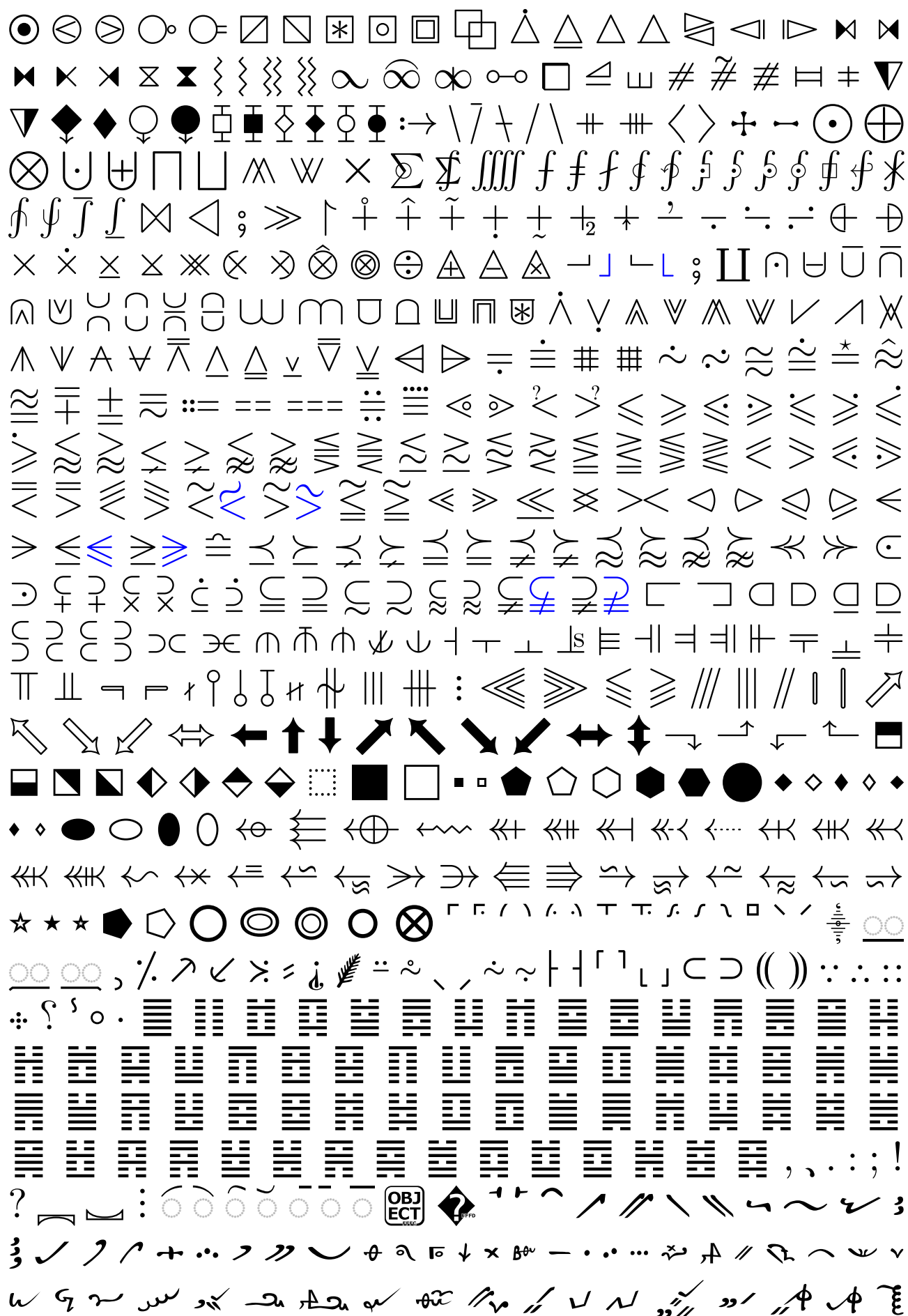
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A large collection of various symbols, including musical notation, mathematical symbols, and decorative elements, arranged in a grid-like pattern. The symbols include musical notes, clefs, and staves; mathematical symbols like infinity, percent, and hash; and various decorative and geometric shapes. The symbols are arranged in a grid-like pattern, with some symbols appearing multiple times.



*d f h i j k l m n p q r s t u v w x y z A B C D E F G H*  
*I J K L M N O P Q R S T U V W X Y Z a b c d e f*  
*g h i j k l m n o p q r s t u v w x y z A B C D E F G H I J K L M*  
*N O P Q R S T U V W X Y Z a b c d e f g h i j k l m*  
*n o p q r s t u v w x y z A B C D E F G H I J K L M O S T*  
*U V W X Y a b c d e f g h i j k l m n o p q r s*  
*t u v w x y z A B C D E F G H I J K L M N O P Q R S*  
*T U V W X Y Z a b c d e f g h i j k l m n o*  
*p q r s t u v w x y z A B C D E F G H I J K L M N O*  
*P Q R S T U V W X Y Z a b c d e f g h i j k l m n o*  
*p q r s t u v w x y z A B C D E F G H I J K L M N O P*  
*Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r*  
*s t u v w x y z A B C D E F G H I J K L M N O P Q*  
*R S T U V W X Y Z a b c d e f g h i j k l m n o p q*  
*r s t u v w x y z A B C D E F G H I J K L M N O P Q R*  
*S T U V W X Y Z a b c d e f g h i j k l m n o p q r s*  
*t u v w x y z i j A B Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π*  
*Ρ Θ Σ Τ Υ Φ Χ Ψ Ω ∇ α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π*  
*ρ ς σ τ υ φ χ ψ ω ϑ ε ϑ κ φ ρ ϖ A B Γ Δ Ε Ζ Η Θ Ι Κ*  
*Λ Μ Ν Ξ Ο Π Ρ Θ Σ Τ Υ Φ Χ Ψ Ω ∇ α β γ δ ε ζ η θ ι*  
*κ λ μ ν ξ ο π ς σ τ υ φ χ ψ ω ϑ ε ϑ κ φ ρ ϖ A B Γ Δ*  
*Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Θ Σ Τ Υ Φ Χ Ψ Ω ∇ α β*  
*γ δ ε ζ η θ ι κ λ μ ν ξ ο π ς σ τ υ φ χ ψ ω ϑ ε ϑ κ*  
*φ ρ ϖ A B Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Θ Σ Τ Υ*  
*Φ Χ Ψ Ω ∇ α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ς σ τ*  
*υ φ χ ψ ω ϑ ε ϑ κ φ ρ ϖ A B Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ*

NΞOΠΡΘΣΤΥΦΧΨΩ∇αβγδεζηθικ  
 λμνξοπρςστυφχψωθεθκφρϖFf0  
 12345678901234567890123456  
 78901234567890123456789

東 南  
 西 北 中 發

一萬 二萬 三萬 四萬 伍萬 六萬 七萬 八萬 九萬

梅 蘭 竹 菊 春 夏 秋 冬 百搭

骰子 (multiple sets of 6-sided dice)

撲克牌 (multiple sets of playing cards)

自然現象 (sun, moon, clouds, rain, snow, etc.)

植物 (flowers, trees, etc.)

食物 (apple, banana, burger, etc.)

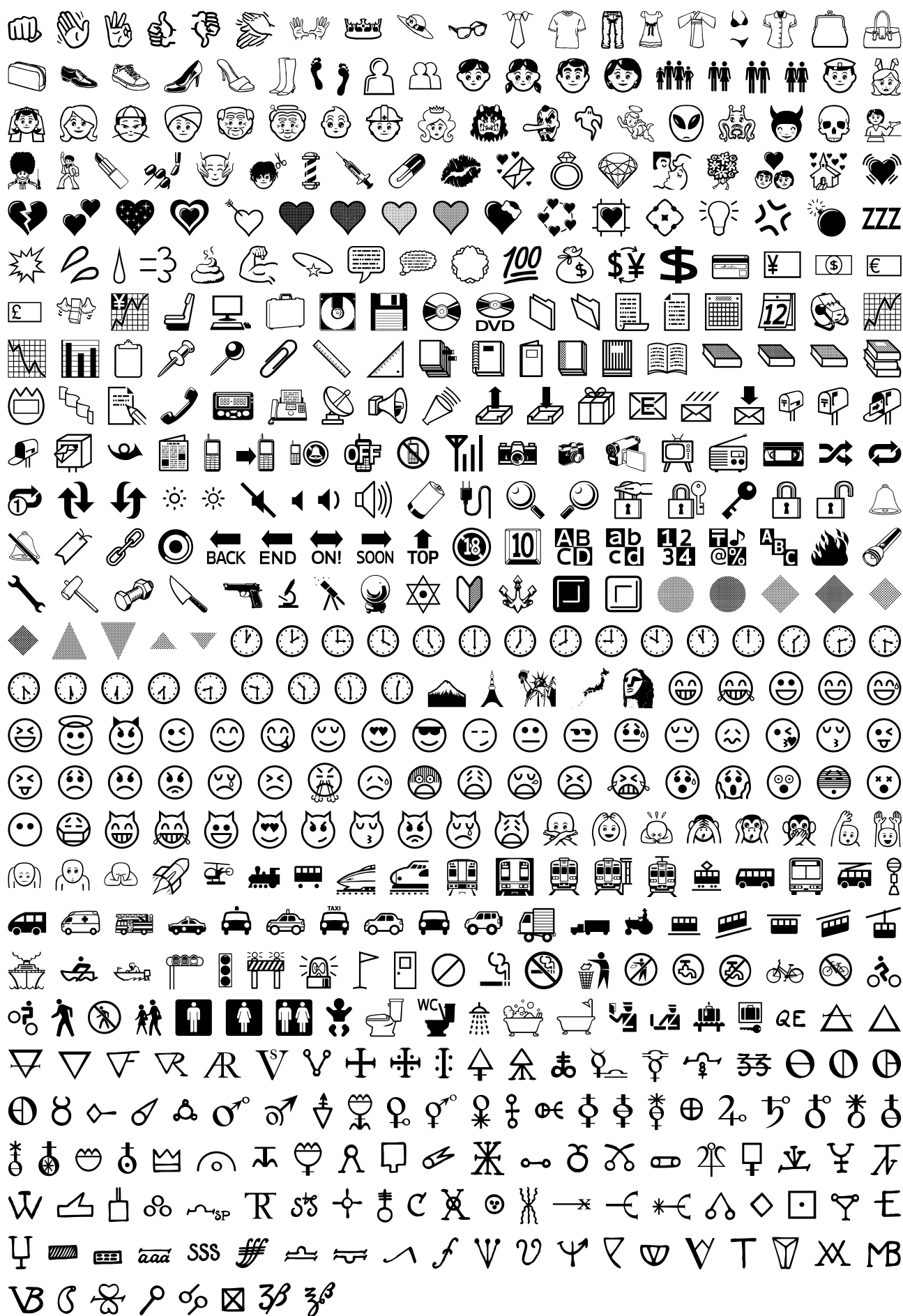
日常用品 (cup, glass, etc.)

節日 (Christmas, Halloween, etc.)

娛樂 (video games, sports, etc.)

動物 (cat, dog, etc.)

其他 (various small icons)



Mathematical Alphanumeric Symbols

(with relevant Letterlike Symbols from 2100..214F and some variants in plane 15)

A	A	A	A	ℳ	A	ℳ	A	ℳ	A	A	A	A	A
B	B	B	B	ℬ	B	ℬ	B	ℬ	B	B	B	B	B
C	C	C	C	ℭ	C	ℭ	C	ℭ	C	C	C	C	C
D	D	D	D	℡	D	℡	D	℡	D	D	D	D	™
E	E	E	E	ℰ	E	ℰ	E	ℰ	E	E	E	E	ℤ
R	F	F	F	ℱ	F	ℱ	F	ℱ	F	F	F	F	Ⅎ
G	G	G	G	ℳ	G	ℳ	G	ℳ	G	G	G	G	G
H	H	H	H	ℋ	H	ℋ	H	ℋ	H	H	H	H	H
I	I	I	I	ℐ	I	ℐ	I	ℐ	I	I	I	I	I
J	J	J	J	ℐ	J	ℐ	J	ℐ	J	J	J	J	J
K	K	K	K	℔	K	℔	K	℔	K	K	K	K	K
L	L	L	L	ℒ	L	ℒ	L	ℒ	L	L	L	L	L
M	M	M	M	℡	M	℡	M	℡	M	M	M	M	℣
N	N	N	N	℟	N	℟	N	℟	N	N	N	N	N
O	O	O	O	℠	O	℠	O	℠	O	O	O	O	O
P	P	P	P	ℙ	P	ℙ	P	ℙ	P	P	P	P	℘
Q	Q	Q	Q	ℚ	Q	ℚ	Q	ℚ	Q	Q	Q	Q	Q
R	R	R	R	℞	R	℞	R	℞	R	R	R	R	R
S	S	S	S	ℑ	S	ℑ	S	ℑ	S	S	S	S	S
T	T	T	T	ℒ	T	ℒ	T	ℒ	T	T	T	T	T
U	U	U	U	ℭ	U	ℭ	U	ℭ	U	U	U	U	U
V	V	V	V	℧	V	℧	V	℧	V	V	V	V	V
W	W	W	W	ℨ	W	ℨ	W	ℨ	W	W	W	W	W
X	X	X	X	Å	X	Å	X	Å	X	X	X	X	X
Y	Y	Y	Y	Ⅎ	Y	Ⅎ	Y	Ⅎ	Y	Y	Y	Y	Y
Z	Z	Z	Z	ℴ	Z	ℴ	Z	ℴ	Z	Z	Z	Z	Z
a	a	a	a	ℵ	a	ℵ	a	ℵ	a	a	a	a	a
b	b	b	b	ℶ	b	ℶ	b	ℶ	b	b	b	b	b
c	c	c	c	ℷ	c	ℷ	c	ℷ	c	c	c	c	c

d	d	<i>d</i>	<b>d</b>	<i>d</i>	<i>d</i>	ḋ	dl	ḋ	d	<b>d</b>	<i>d</i>	<b>d</b>	d	<i>d</i>
e	e	<i>e</i>	<b>e</b>	<i>e</i>	<i>e</i>	ḑ	de	ḑ	e	<b>e</b>	<i>e</i>	<b>e</b>	e	<i>e</i>
f	f	<i>f</i>	<b>f</b>	<i>f</i>	<i>f</i>	ḑ	df	ḑ	f	<b>f</b>	<i>f</i>	<b>f</b>	f	
g	g	<i>g</i>	<b>g</b>	<i>g</i>	<i>g</i>	ḑ	dg	ḑ	g	<b>g</b>	<i>g</i>	<b>g</b>	g	
h	h	<i>h</i>	<b>h</b>	<i>h</i>	<i>h</i>	ḑ	dh	ḑ	h	<b>h</b>	<i>h</i>	<b>h</b>	h	<i>h</i>
i	i	<i>i</i>	<b>i</b>	<i>i</i>	<i>i</i>	ḑ	di	ḑ	i	<b>i</b>	<i>i</i>	<b>i</b>	i	<i>i</i>
j	j	<i>j</i>	<b>j</b>	<i>j</i>	<i>j</i>	ḑ	dj	ḑ	j	<b>j</b>	<i>j</i>	<b>j</b>	j	<i>j</i>
k	k	<i>k</i>	<b>k</b>	<i>k</i>	<i>k</i>	ḑ	dk	ḑ	k	<b>k</b>	<i>k</i>	<b>k</b>	k	
l	l	<i>l</i>	<b>l</b>	<i>l</i>	<i>l</i>	ḑ	dl	ḑ	l	<b>l</b>	<i>l</i>	<b>l</b>	l	<i>l</i>
m	m	<i>m</i>	<b>m</b>	<i>m</i>	<i>m</i>	ḑ	dm	ḑ	m	<b>m</b>	<i>m</i>	<b>m</b>	m	
n	n	<i>n</i>	<b>n</b>	<i>n</i>	<i>n</i>	ḑ	dn	ḑ	n	<b>n</b>	<i>n</i>	<b>n</b>	n	
o	o	<i>o</i>	<b>o</b>	<i>o</i>	<i>o</i>	ḑ	do	ḑ	o	<b>o</b>	<i>o</i>	<b>o</b>	o	<i>o</i>
p	p	<i>p</i>	<b>p</b>	<i>p</i>	<i>p</i>	ḑ	dp	ḑ	p	<b>p</b>	<i>p</i>	<b>p</b>	p	
q	q	<i>q</i>	<b>q</b>	<i>q</i>	<i>q</i>	ḑ	dq	ḑ	q	<b>q</b>	<i>q</i>	<b>q</b>	q	
r	r	<i>r</i>	<b>r</b>	<i>r</i>	<i>r</i>	ḑ	dr	ḑ	r	<b>r</b>	<i>r</i>	<b>r</b>	r	
s	s	<i>s</i>	<b>s</b>	<i>s</i>	<i>s</i>	ḑ	ds	ḑ	s	<b>s</b>	<i>s</i>	<b>s</b>	s	
t	t	<i>t</i>	<b>t</b>	<i>t</i>	<i>t</i>	ḑ	dt	ḑ	t	<b>t</b>	<i>t</i>	<b>t</b>	t	
u	u	<i>u</i>	<b>u</b>	<i>u</i>	<i>u</i>	ḑ	du	ḑ	u	<b>u</b>	<i>u</i>	<b>u</b>	u	
v	v	<i>v</i>	<b>v</b>	<i>v</i>	<i>v</i>	ḑ	dv	ḑ	v	<b>v</b>	<i>v</i>	<b>v</b>	v	
w	w	<i>w</i>	<b>w</b>	<i>w</i>	<i>w</i>	ḑ	dw	ḑ	w	<b>w</b>	<i>w</i>	<b>w</b>	w	
x	x	<i>x</i>	<b>x</b>	<i>x</i>	<i>x</i>	ḑ	dx	ḑ	x	<b>x</b>	<i>x</i>	<b>x</b>	x	
y	y	<i>y</i>	<b>y</b>	<i>y</i>	<i>y</i>	ḑ	dy	ḑ	y	<b>y</b>	<i>y</i>	<b>y</b>	y	
z	z	<i>z</i>	<b>z</b>	<i>z</i>	<i>z</i>	ḑ	dz	ḑ	z	<b>z</b>	<i>z</i>	<b>z</b>	z	

A	A	<i>A</i>	<b>A</b>							<b>A</b>		<b>A</b>
B	B	<i>B</i>	<b>B</b>							<b>B</b>		<b>B</b>
Γ	Γ	<i>Γ</i>	<b>Γ</b>				Γ			<b>Γ</b>		<b>Γ</b>
Δ	Δ	<i>Δ</i>	<b>Δ</b>							<b>Δ</b>		<b>Δ</b>
E	E	<i>E</i>	<b>E</b>							<b>E</b>		<b>E</b>
F	F	<i>F</i>	<b>F</b>							<b>F</b>		<b>F</b>
Z	Z	<i>Z</i>	<b>Z</b>							<b>Z</b>		<b>Z</b>
H	H	<i>H</i>	<b>H</b>							<b>H</b>		<b>H</b>
Θ	Θ	<i>Θ</i>	<b>Θ</b>							<b>Θ</b>		<b>Θ</b>

Θ	Θ	Θ	Θ
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Μ	Μ	Μ	Μ
Ν	Ν	Ν	Ν
Ξ	Ξ	Ξ	Ξ
Ο	Ο	Ο	Ο
Π	Π	Π	Π
Ρ	Ρ	Ρ	Ρ
Σ	Σ	Σ	Σ
Τ	Τ	Τ	Τ
Υ	Υ	Υ	Υ
Φ	Φ	Φ	Φ
Χ	Χ	Χ	Χ
Ψ	Ψ	Ψ	Ψ
Ω	Ω	Ω	Ω

α	α	α	α
β	β	β	β
γ	γ	γ	γ
δ	δ	δ	δ
ε	ε	ε	ε
ε	ε	ε	ε
Ϝ	Ϝ	Ϝ	Ϝ
ζ	ζ	ζ	ζ
η	η	η	η
θ	θ	θ	θ
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κ	κ	κ	κ
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λ	λ	λ	λ

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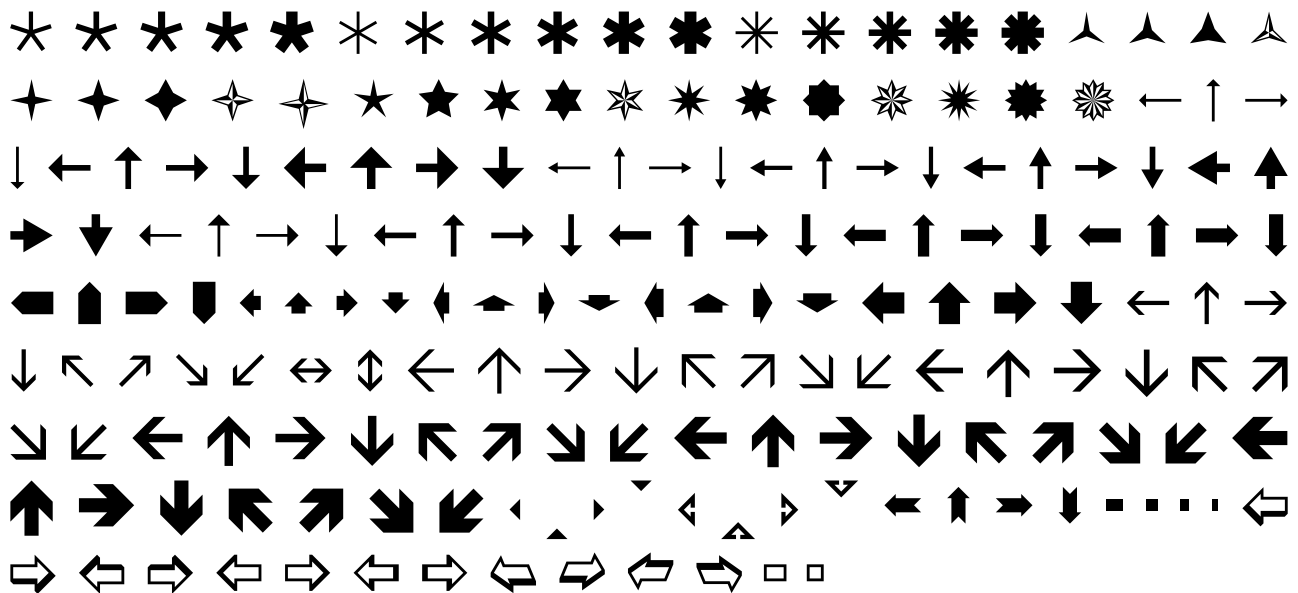
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# Non-Unicode glyphs in Symbola

(glyphs from Amendments 1 and 2, as proposed in n4244 and n4245)







## Glyphs in Plane 15

n4011.pdf

Proposal to add heraldic hatching characters to the UCS: FE040...FE051



n3897.pdf

Proposal to incorporate symbols... into the UCS: FE000...FE035



et al.

FFFB0...FFFB9, FFF9C...FFF9F, FFFA0...FFFA7

0 1 2 3 4 5 6 7 8 9, *h ħ ℳ o, F f F f F f F f*

## Symbols of occational mathematical interest

(Arabic-Indic digits, CJK Symbols and Punctuation, Hiragana letter NO,  
CJK Ideograph 4E2D, CJK Compatibility Forms, Small Form Variant Asterisk)

