Mathematical Operators

Range: 2200-22FF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 5.0.*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.

See http://www.unicode.org/charts/PDF/Unicode-5.0/ for charts showing only the characters added in Unicode 5.0.

See http://www.unicode.org/Public/5.0.0/charts/ for a complete archived file of character code charts for Unicode 5.0.

Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 5.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 5.0 (ISBN 0-321-48091-0), online at http://www.unicode.org/versions/Unicode5.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, and #34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

See http://www.unicode.org/charts/fonts.html for a list.

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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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	220	221	222	223	224	225	226	227	228	229	22A	22B	22C	22D	22E	22F
0	2200	<u>I</u>	2220	∰ 2230	2240	2250	≠	≰	≮ 2280	2290	22A0	3	22C0	22D0	≰ 22E0	22F0
1	C	2211	4 2221	f	~ 2241	2251	2261	≱	≯ 2281	2291	22A1	22B1	22C1	22D1	≱	• • 22F1
2	<i>∂</i>	2212	* 2222	∮	2242	2252	# 2262	≲ 2272	2282	2292	22A2	2 2B2	22C2	22D2	⊈ 22E2	← 22F2
3	3 2203	2213	2223	∮ 2233	2243	2253	2263	2273	2283	2293	22A3	22B3	22C3	U 22D3	⊉ 22E3	<u>22F3</u>
4	∄	2214	2224	2234	7	2254	2264	≴	2284	2294	22A4	∑ 22B4	\$ 22C4	1 22D4	22E4	લ
5	2205	2215	2225	2235	2245	2255	2265	≵	7	2295		22B5	• 22C5	# 22D5	22E5	:
6	2206	2216	∦ 2226	2236	2 246	2256	2266	\$ 2276	2286	2296	-	22B6	★ 22C6	₹ 22D6	\$ 22E6	22F6
7	2207	*	2227	2237	#	2257	2267	2277	2287	2297	‡	22B7	* 22C7	>> 22D7	⋧	E
8	2208	O 2218	2228	2238	≈	2258	¥ 2268	≸	<u>Z</u>	2298	22A8	0	22C8	22D8	★ 22E8	<u></u>
9	Æ	• 2219	2229	_ • 2239	* 2249	2259	2269	≵	⊉	2299	22A9	I	2209	>>>> 22D9	₹ 22E9	€ 22F9
Α	E	221A	U 222A	223A	≈ 224A	Y 225A	≪ 226A	< 227A	<u></u>	© 229A	- 22AA	T 22BA	22CA	\$ 22DA	≠ 22EA	22FA
В) 220B	3/ 221B		∻ 223B	≈	★ 225B	>>> 226B	> 227B	228B	※ 229B	22AB	<u>V</u> 22BB	22CB	22DB	↓ ✓ 22EB	⊃ 22FB
С	∌	4/ 221C	JJ 222C	~ 223C	224C	△ 225C) 226C	≤ 227C	228C	229C	22AC	22BC	Z2CC	Z2DC	≠ 22EC	Đ
D	Э	∝ 221D	\iiint_{222D}	223D	224D	<u>def</u> 225D	≭	227D	228D	229D	⊭	V 22BD	22CD	> 22DD	≱	<u>5</u>
E	220E	∞ 221E	∮ 222E	∼ 223E	2 24E	<u>m</u> 225E	≮ 226E	≾ 227E	₩ 228E	229E	22AE	22BE	Y 22CE	₹ 22DE	• • • 22EE	5
F	220F	221F	∯ 222F	○ 223F	224F	? 225F	≯ 226F	≥ 227F	228F	229F	1 ⊭	22BF	1 22CF	22DF	• • • 22EF	22FF

Mis	cel	laneous mathematical symbols	2213	Ŧ	
2200	\forall	_	0044		→ 00B1 ± plus-minus sign
	•	= universal quantifier	2214	÷	DOT PLUS
2201	С	COMPLEMENT	2215	/	
		→ 0297 C latin letter stretched c			• generic division operator
2202	∂	PARTIAL DIFFERENTIAL			→ 002F / solidus
2203	Ĕ	THERE EXISTS	2212		→ 2044/ fraction slash
		= existential quantifier	2216	\	
2204	∄	THERE DOES NOT EXIST	22.1		→ 005C \ reverse solidus
		= 2203 ∃ 0338 Ø	2217	*	ASTERISK OPERATOR
2205	Ø	EMPTY SET	0010		→ 002A * asterisk
		= null set	2218	٥	RING OPERATOR
		• used in linguistics to indicate a null morpheme			= composite function
		or phonological "zero"			= APL jot
		$\rightarrow 00D8 \emptyset$ latin capital letter o with stroke			→ 00B0 ° degree sign
		→ 2300 Ø diameter sign	0040		\rightarrow 25E6 \circ white bullet
2206	Δ		2219	•	BULLET OPERATOR
		= Laplace operator			→ 00B7 · middle dot
		= forward difference			→ 2022 • bullet
		= symmetric difference of sets	0044	,	\rightarrow 2024 . one dot leader
		\rightarrow 0394 Δ greek capital letter delta	221A	\checkmark	~ (
		\rightarrow 25B3 \triangle white up-pointing triangle			= radical sign
2207	∇	NABLA		2/	→ 2713 ✓ check mark
		= backward difference	221B	3/	CUBE ROOT
		= gradient, del	221C	4/	
		• used for Laplacian operator (written with	221D	×	PROPORTIONAL TO
		superscript 2)			\rightarrow 03B1 α greek small letter alpha
		\rightarrow 25BD ∇ white down-pointing triangle	Mie	ام	laneous mathematical symbols
Sat	ma	mbarshin	221E		
		embership	221E 221F	∞	
2208	\in		2220	L	RIGHT ANGLE ANGLE
2209	∉		2221		
					MEASIDED ANGLE
0004		= 2208 ∈ 0338 ¢		∆ *	
220A	€	SMALL ELEMENT OF	2222	∡	SPHERICAL ANGLE
220A	€	SMALL ELEMENT OF • originates in math pi fonts; not the straight			
220A	€	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon		∢	SPHERICAL ANGLE = angle arc
		SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol	2222	∢	SPHERICAL ANGLE = angle arc COPS
220A 220B	€	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER	2222 Ope	∗rat	SPHERICAL ANGLE = angle arc
220B	€	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that	2222 Ope	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES
		SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER	2222 Ope	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that
220B 220C	∋	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ₽	2222 Ope	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile → 007C vertical line
220B	€	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER	2222 Ope	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile
220B 220C	∋	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ₽	2222 Ope 2223	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click
220B 220C 220D	∌	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol	2222 Ope 2223	∗rat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ₱ PARALLEL TO
220B 220C 220D	∋ ∌ ∍	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ∉ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol	2222 Ope 2223	erat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠
220B 220C 220D	∌	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ∉ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF	2222 Ope 2223	erat	SPHERICAL ANGLE = angle arc COTS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ₱ PARALLEL TO
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220B 220C 220D	∋ ∌ ∍	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet	2222 Ope 2223 2224 2225	erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle	2222 Ope 2223 2224 2225 2226	* erat	SPHERICAL ANGLE = angle arc SOFS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet	2222 Ope 2223 2224 2225 2226 Log	erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle	2222 Ope 2223 2224 2225 2226	erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ Il and set operators LOGICAL AND
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle operators	2222 Ope 2223 2224 2225 2226 Log	erat	SPHERICAL ANGLE = angle arc SOFS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ Il and set operators LOGICAL AND = wedge, conjunction
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Dperators N-ARY PRODUCT	2222 Ope 2223 2224 2225 2226 Log	erat	SPHERICAL ANGLE = angle arc SOFS DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and
220B 220C 220D Mis e 220E	∋ ∌ • cel	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ∉ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 ∏ greek capital letter pi	2222 Ope 2223 2224 2225 2226 Log 2227	* erat ∤ ica ∧	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ Il and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead
220B 220C 220D Misc 220E N-ai 220F	⇒ ⇒ cel ∎	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ∉ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol laneous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 ∏ greek capital letter pi	2222 Ope 2223 2224 2225 2226 Log	erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR
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220B 220C 220D Misc 220E N-ai 220F	ecell T	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 ∏ greek capital letter pi N-ARY COPRODUCT = coproduct sign	2222 Ope 2223 2224 2225 2226 Log 2227	* erat ∤ ica ∧	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ Il and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or
220B 220C 220D Misc 220E N-ai 220F	ecell T	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Derators N-ARY PRODUCT = product sign → 03A0 Π greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION	2222 Ope 2223 2224 2225 2226 Log 2227	* erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead
220B 220C 220D Misc 220E N-ai 220F	ecell T	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 Π greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION = summation sign → 03A3 ∑ greek capital letter sigma	2222 Ope 2223 2224 2225 2226 Log 2227	* erat ∤ ica ∧	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead INTERSECTION
220B 220C 220D Misc 220E N-ai 220F 2210 2211	⇒ ⇒ cel T Π ∐ Σ	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 Π greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION = summation sign → 03A3 ∑ greek capital letter sigma → 2140 ∑ double-struck n-ary summation	2222 Ope 2223 2224 2225 2226 Log 2227	* erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead INTERSECTION = cap, hat
220B 220C 220D Misc 220E N-ai 220F	⇒ ⇒ cel T Π ∐ Σ	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 Π greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION = summation sign → 03A3 ∑ greek capital letter sigma → 2140 ∑ double-struck n-ary summation	2222 Ope 2223 2224 2225 2226 Log 2227 2228	* erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead INTERSECTION = cap, hat → 22C2 ∩ n-ary intersection
220B 220C 220D Misc 220E N-ai 220F 2210 2211	⇒ ⇒ cel T Π ∐ Σ	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ≠ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 Π greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION = summation sign → 03A3 ∑ greek capital letter sigma → 2140 ∑ double-struck n-ary summation	2222 Ope 2223 2224 2225 2226 Log 2227	* erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead INTERSECTION = cap, hat → 22C2 ∩ n-ary intersection UNION
220B 220C 220D Misc 220E N-ai 220F 2210 2211	⇒ ⇒ ⇒ cell Π ∐ Σ	SMALL ELEMENT OF • originates in math pi fonts; not the straight epsilon → 03F5 ∈ greek lunate epsilon symbol CONTAINS AS MEMBER = such that DOES NOT CONTAIN AS MEMBER ≡ 220B ∋ 0338 ∉ SMALL CONTAINS AS MEMBER → 03F6 ∋ greek reversed lunate epsilon symbol Ianeous mathematical symbol END OF PROOF = q.e.d. → 2023 ► triangular bullet → 25AE ■ black vertical rectangle Operators N-ARY PRODUCT = product sign → 03A0 ∏ greek capital letter pi N-ARY COPRODUCT = coproduct sign N-ARY SUMMATION = summation sign → 03A3 ∑ greek capital letter sigma → 2140 ∑ double-struck n-ary summation	2222 Ope 2223 2224 2225 2226 Log 2227 2228	* erat	SPHERICAL ANGLE = angle arc DIVIDES = such that = APL stile → 007C vertical line → 01C0 latin letter dental click DOES NOT DIVIDE = 2223 0338 ≠ PARALLEL TO → 01C1 latin letter lateral click → 2016 double vertical line NOT PARALLEL TO = 2225 0338 ≠ I and set operators LOGICAL AND = wedge, conjunction → 22C0 ∧ n-ary logical and → 2303 ^ up arrowhead LOGICAL OR = vee, disjunction → 22C1 ∨ n-ary logical or → 2304 ∨ down arrowhead INTERSECTION = cap, hat → 22C2 ∩ n-ary intersection

Inte	gra	ls	Rela	itio	ns
222B		INTEGRAL	2241	*	NOT TILDE
	3	\rightarrow 0283 \int latin small letter esh			≡ 223C ~ 0338 Ø
222C	\iint	DOUBLE INTEGRAL	2242	≂	MINUS TILDE
	00	≈ 222B ∫ 222B ∫	2243	\simeq	ASYMPTOTICALLY EQUAL TO
222D	\iiint	TRIPLE INTEGRAL	2244	$\not\simeq$	NOT ASYMPTOTICALLY EQUAL TO
		→ 2A0C ∭ quadruple integral operator			≡ 2243 ≃ 0338 Ø
		≈ 222B ∫ 222B ∫ 222B ∫	2245	\cong	APPROXIMATELY EQUAL TO
222E	∮	CONTOUR INTEGRAL	2246	≆	APPROXIMATELY BUT NOT ACTUALLY EQUAL
		→ 2A15 ∮ integral around a point operator	2247	~4	TO
222F	∯	SURFACE INTEGRAL	2247	≇	NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO
		≈ 222E∮ 222E∮			$\equiv 2245 \cong 0338 \emptyset$
2230	∰	VOLUME INTEGRAL	2248	≈	ALMOST EQUAL TO
		≈ 222E∮ 222E∮ 222E∮			= asymptotic to
2231	∱ ∳ ∳	CLOCKWISE INTEGRAL	2249	≉	NOT ALMOST EQUAL TO
2232	∳	CLOCK WISE CONTOUR INTEGRAL			≡ 2248 ≈ 0338 Ø
2233	∲	ANTICLOCK WISE CONTOUR INTEGRAL	224A	≊	ALMOST EQUAL OR EQUAL TO
		 clockwise or anticlockwise arrows do not 	224B	≋	TRIPLE TILDE
		reverse during layout mirroring	224C	≌	ALL EQUAL TO
Mio	المم	anagua mathamatical aymbala			• reversed tilde and lazy S are glyph variants
		aneous mathematical symbols	224D	\approx	EQUIVALENT TO
2234	÷.	THEREFORE	224E	≎	GEOMETRICALLY EQUIVALENT TO
2235		BECAUSE	224F	≏	DIFFERENCE BETWEEN
Rela	tio	ne	2250	÷	APPROACHES THE LIMIT
			2251	÷	
2236	:	RATIO	2252	≒	
0007		→ 003A: colon			OF
2237	::	PROPORTION	0050		= nearly equals
Ope	rat	or	2253 2254	≓	
2238			2255		COLON EQUALS EQUALS COLON
2230	÷	_ 0 1 1121 100	2256	≖.	-
		= saturating subtraction	2257	<u>•</u>	RING EQUAL TO
Rela	atio	n	2201		= approximately equal to
2239	-:	EXCESS	2258	≘	CORRESPONDS TO
2233		EACESS	2259	<u></u>	ESTIMATES
Ope	rat	or			= corresponds to
-		GEOMETRIC PROPORTION	225A	$\stackrel{\checkmark}{=}$	EQUIANGULAR TO
			225B	<u>*</u>	STAR EQUALS
Rela	atio	ns	225C	≜	DELTA EQUAL TO
223B	∻	HOMOTHETIC			= equiangular
2200	•	→ 2A6B ∻ tilde operator with rising dots			= equal to by definition
223C	~	TILDE OPERATOR	225D	def	EQUAL TO BY DEFINITION
2250		= varies with (proportional to)	225E	<u>m</u>	MEASURED BY
		= difference between	225F	<u>?</u>	QUESTIONED EQUAL TO
		= similar to	2260	\neq	NOT EQUAL TO
		= not			\rightarrow 003D = equals sign
		= cycle			→ 01C2 ‡ latin letter alveolar click
		= APL tilde			$\equiv 003D = 0338 \emptyset$
		\rightarrow 007E \sim tilde	2261	=	IDENTICAL TO
		→ 00AC ¬ not sign	2262	≢	NOT IDENTICAL TO
		→ 02DC ~ small tilde			$\equiv 2261 \equiv 0338 \emptyset$
223D	~	REVERSED TILDE	2263	=	STRICTLY EQUIVALENT TO
		= lazy S	2264	≤	LESS-THAN OR EQUAL TO
		• reversed tilde and lazy S are glyph variants	2265	2	GREATER-THAN OR EQUAL TO
223E	~	INVERTED LAZY S	2266	≦ `	LESS-THAN OVER EQUAL TO
		= most positive	2267	≧ /	GREATER-THAN OVER EQUAL TO
	_		2268 2269	≨	LESS-THAN BUT NOT EQUAL TO
Mis	cell	aneous mathematical symbol	226A	≆ ≪	GREATER-THAN BUT NOT EQUAL TO MUCH LESS-THAN
223F	\sim		220M		→ 00AB « left-pointing double angle quotation
		= alternating current			mark
_	_	-	226B	>>	MUCH GREATER-THAN
Ope	rat	or			→ 00BB » right-pointing double angle quotation
2240	}	WREATH PRODUCT			mark

226C	Ø	BETWEEN	Rela	atio	ons
226D	*	= plaintiff, quantic NOT EQUIVALENT TO	228F 2290		SQUARE IMAGE OF SQUARE ORIGINAL OF
226E	≮		2291 2292		SQUARE IMAGE OF OR EQUAL TO SQUARE ORIGINAL OF OR EQUAL TO
226F	>	≡ 003C < 0338 ∮ NOT GREATER-THAN	Ope	_	
0070		≡ 003E > 0338 Ø	2293	П	SQUARE CAP
2270	≰	NEITHER LESS-THAN NOR EQUAL TO ≡ 2264 ≤ 0338 ¢			\rightarrow 2A05 \square n-ary square intersection operator
2271	≱	NEITHER GREATER-THAN NOR EQUAL TO = 2265 ≥ 0338 \$\notin\$	2294 2295	\oplus	SQUARE CUP CIRCLED PLUS
2272	≲	LESS-THAN OR EQUIVALENT TO			= direct sum
2273	≳	GREATER-THAN OR EQUIVALENT TO			= vector pointing into page
2274	≴	NEITHER LESS-THAN NOR EQUIVALENT TO ≡ 2272 ≤ 0338 Ø			→ 2641 $\stackrel{\bullet}{\circ}$ earth → 2A01 $\stackrel{\bullet}{\oplus}$ n-ary circled plus operator
2275	≵	NEITHER GREATER-THAN NOR EQUIVALENT TO	2296	Θ	CIRCLED MINUS = symmetric difference
		≡ 2273 ≳ 0338 Ø			→ 29B5 ⊖ circle with horizontal bar
2276	≶	LESS-THAN OR GREATER-THAN	2297	\otimes	CIRCLED TIMES
2277	≥				= tensor product
2278	≸	NEITHER LESS-THAN NOR GREATER-THAN ≡ 2276 ≤ 0338 Ø			= vector pointing into page → 2A02 ⊗ n-ary circled times operator
2279	≹	NEITHER GREATER-THAN NOR LESS-THAN	2298	\oslash	CIRCLED DIVISION SLASH
2074	,	= 2277 ≥ 0338 Ø	2299	\odot	CIRCLED DOT OPERATOR
227A	<	PRECEDES = lower rank than			= direct product
		→ 22B0 < precedes under relation			= vector pointing out of page
227B	>	SUCCEEDS			→ 0298 ⊙ latin letter bilabial click
	•	= higher rank than			\rightarrow 2609 \odot sun
		→ 22B1 > succeeds under relation	2204	\sim	→ 2A00 ⊙ n-ary circled dot operator
227C	\leq	PRECEDES OR EQUAL TO	229A	0	CIRCLED RING OPERATOR → 233E apple appl functional symbol circle jot
227D	\geq				→ 25CE © bullseye
227E	≾		229B	*	CIRCLED ASTERISK OPERATOR
227F 2280	≿ د	SUCCEEDS OR EQUIVALENT TO DOES NOT PRECEDE	2202	0	→ 235F ③ apl functional symbol circle star
2200	≮	$\equiv 227A < 0338 \text{/}$	229C		CIRCLED EQUALS
2281	≯	DOES NOT SUCCEED	229D	Θ	CIRCLED DASH
220.	7	= 227B > 0338 Ø	229E	\blacksquare	SQUARED PLUS
2282	\subset	SUBSET OF	229F		SQUARED MINUS
		= included in set	22A0	\boxtimes	SQUARED TIMES
2283	\supset	SUPERSET OF	22A1	⊡	→ 2612 ⊠ ballot box with x SQUARED DOT OPERATOR
0004	_	= includes in set	22A2	H	RIGHT TACK
2284	⊄	NOT A SUBSET OF	LLINE	•	= turnstile
2285	Þ	= 2282 ⊂ 0338 Ø NOT A SUPERSET OF			= proves, implies, yields
2200	Þ	= 2283 ⊃ 0338 \$\varphi\$			= reducible
2286	\subseteq	SUBSET OF OR EQUAL TO	22A3	\dashv	LEFT TACK
2287	⊇	SUPERSET OF OR EQUAL TO			= reverse turnstile
2288	⊈	NEITHER A SUBSET OF NOR EQUAL TO			= non-theorem, does not yield
		= 2286 ⊆ 0338 Ø	Mis	cell	laneous mathematical symbols
2289	⊉	NEITHER A SUPERSET OF NOR EQUAL TO	22A4		DOWN TACK
	_	≡ 2287 ⊇ 0338 Ø	22/17	'	= top
228A	₹	SUBSET OF WITH NOT EQUAL TO			→ 2E06 ^T raised interpolation marker
228B	⊋	SUPERSET OF WITH NOT EQUAL TO	22A5	\perp	
Ope	rat	ors		_	= base, bottom
228C	⊌	MULTISET			→ 27C2 ⊥ perpendicular
228D	U	MULTISET MULTIPLICATION	D - '	4:	
	•	→ 2A03 U n-ary union operator with dot	Rela		ons
		\rightarrow 2A40 \cap intersection with dot	22A6	F	ASSERTION
228E	⊎	MULTISET UNION	001-		= reduces to
		= z notation bag addition	22A7	F	MODELS
		\rightarrow 2A04 \biguplus n-ary union operator with plus			

22A8	⊨	TRUE	22C6	*	STAR OPERATOR
22/10	•	= statement is true, valid	2200		• APL
		= is a tautology			→ 066D * arabic five pointed star
		= satisfies			
		= results in	22C7	*	→ 2605 ★ black star DIVISION TIMES
22A9	⊩	FORCES	2201	*	DIVISION TIMES
22AA	ΙΙΗ		Rela	atio	n
22AB	⊫	DOUBLE VERTICAL BAR DOUBLE RIGHT			BOWTIE
0040	. /	TURNSTILE	2200	M	→ 2445 ocr bow tie
22AC	⊬	DOES NOT PROVE			2443 OCT DOW HE
22AD	¥	= 22A2	Ope	rat	ors
ZZAD	//	NOT TRUE ≡ 22A8 ⊨ 0338 ∮	22C9		LEFT NORMAL FACTOR SEMIDIRECT PRODUCT
22AE	ı⊬	DOES NOT FORCE	22CA	×	RIGHT NORMAL FACTOR SEMIDIRECT RODGET
ZZAL	ıy	$\equiv 22A9 \Vdash 0338 \emptyset$	22071	•	PRODUCT
22AF	ı⊭		22CB		LEFT SEMIDIRECT PRODUCT
<i>LLI</i> (I	11/	RIGHT TURNSTILE	22CC	~	RIGHT SEMIDIRECT PRODUCT
		≡ 22AB = 0338 Ø			\rightarrow 2041 $_{\ell}$ caret insertion point
22B0	⊰	PRECEDES UNDER RELATION	Dala	4:-	m
		→ 227A < precedes	Rela		
22B1	ح	SUCCEEDS UNDER RELATION	22CD	≃	REVERSED TILDE EQUALS
		\rightarrow 227B > succeeds	Loa	ical	l operators
22B2	⊲	NORMAL SUBGROUP OF	_		-
		\rightarrow 25C5 \triangleleft white left-pointing pointer	22CE		CURLY LOGICAL OR
22B3	\triangleright	CONTAINS AS NORMAL SUBGROUP	22CF	Л	CURLY LOGICAL AND
		\rightarrow 25BB \triangleright white right-pointing pointer	Rela	atio	ns
22B4	⊴	NORMAL SUBGROUP OF OR EQUAL TO	22D0		DOUBLE SUBSET
22B5	⊵		22D0 22D1	⊚	DOUBLE SUPERSET
2206		TO OPICINAL OF	2201	2	DOUBLE SOI ERSET
22B6 22B7	••	ORIGINAL OF IMAGE OF	Ope	rat	ors
22B8		MULTIMAP	22D2	M	DOUBLE INTERSECTION
22B9	-¦-		22D3	W	DOUBLE UNION
_			Dala	4:-	ma
Ope	rat	ors	Rela		
22BA	T	INTERCALATE	Rela 22D4	atio ↑	PITCHFORK
22BA 22BB	T ⊻	INTERCALATE XOR	22D4	Ψ.	PITCHFORK = proper intersection
22BA	T	INTERCALATE XOR NAND			PITCHFORK = proper intersection EQUAL AND PARALLEL TO
22BA 22BB 22BC	T <u>∨</u> ⊼	INTERCALATE XOR NAND → 2305 ¬ projective	22D4 22D5	ή #	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square
22BA 22BB	T <u>∨</u> ⊼	INTERCALATE XOR NAND	22D4 22D5 22D6	↑	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT
22BA 22BB 22BC 22BD	T <u>∨</u> ⊼	INTERCALATE XOR NAND → 2305 ¬ projective NOR	22D4 22D5 22D6 22D7	↑	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT
22BA 22BB 22BC 22BD Mis	⊺ ⊻ ⊼ ⊽	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols	22D4 22D5 22D6 22D7 22D8	↑ # * *	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN
22BA 22BB 22BC 22BD Mis 22BE	ĭ ∀ ∇ cell	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC	22D4 22D5 22D6 22D7 22D8 22D9	↑ # < > < < >	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN
22BA 22BB 22BC 22BD Mis	⊺ ⊻ ⊼ ⊽	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols	22D4 22D5 22D6 22D7 22D8 22D9 22DA	↑ # < > < < >	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN
22BA 22BB 22BC 22BD Mis 22BE 22BF	⊺ ≚ ⊼ ∇ cell	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE	22D4 22D5 22D6 22D7 22D8 22D9	€ # ∨ ∧ ⊗ ⊗ VIA AIV	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN
22BA 22BB 22BC 22BD Mise 22BE 22BF N-ar	T Y Cell △ Ty o	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE perators	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD	€ # ∨ ∧ ⊗ ⊗ VIA AIV	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN
22BA 22BB 22BC 22BD Mise 22BE 22BF N-ar	T Y Cell △ Ty o	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE perators N-ARY LOGICAL AND	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN
22BA 22BB 22BC 22BD Mise 22BE 22BF N-ar	T Y Cell △ Ty o	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR SUCCEEDS
22BA 22BB 22BC 22BD Mise 22BE 22BF N-ar	T Y Cell L L Y O O O O O O O O O O O O O	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE perators N-ARY LOGICAL AND	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	T Y Cell L L Y O O O O O O O O O O O O O	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E0	← # ∀∧\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL ≡ 227C ≤ 0338 \$\neq\$
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	T Y Cell L L Y O O O O O O O O O O O O O	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL ≡ 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	T Y Cell L L Y O O O O O O O O O O O O O	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E0	€ # ∀∧\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	TY O	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E0	← # ∀∧\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR SUCCEDS DOES NOT PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	TY O	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E0 22E1 22E2	€ # V∧\X\VIVI\VI\VX\X ≯ ₺ 1	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0	TY O	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E0	€ # ∀∧\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1	T Y C C C C C C C C C C C C C C C C C C	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E1 22E1 22E2		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1	T Y C C C C C C C C C C C C C C C C C C	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E1 22E1 22E2 22E3		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ai 22C0 22C1 22C2 22C3	T Y N O CEIL	INTERCALATE XOR NAND → 2305 ¬ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DD 22DE 22DF 22E1 22E2 22E3 22E3		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1 22C2 22C3	TYNO COEIL AND CONTROL OF THE CONTR	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union OCS	22D4 22D5 22D6 22D7 22D8 22D9 22DA 22DB 22DC 22DF 22E1 22E1 22E2 22E3 22E4 22E5 22E6		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D > 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO LESS-THAN BUT NOT EQUIVALENT TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ai 22C0 22C1 22C2 22C3	T Y N O CEIL	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union OFS DIAMOND OPERATOR	22D4 22D5 22D6 22D7 22D8 22DB 22DC 22DD 22DE 22DF 22E0 22E1 22E2 22E3 22E4 22E5 22E6 22E7 22E8		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1 22C2 22C3	TYNO COEIL AND CONTROL OF THE CONTR	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union OFS DIAMOND OPERATOR → 25C7 ♦ white diamond	22D4 22D5 22D6 22D7 22D8 22DB 22DC 22DD 22DE 22DF 22E0 22E1 22E2 22E3 22E4 22E5 22E6 22E7 22E8 22E9		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL ≡ 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL ≡ 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO ≡ 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO ≡ 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO LESS-THAN BUT NOT EQUIVALENT TO PRECEDES BUT NOT EQUIVALENT TO
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1 22C2 22C3	TYNO COEIL AND CONTROL OF THE CONTR	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union OFS DIAMOND OPERATOR → 25C7 ♦ white diamond DOT OPERATOR	22D4 22D5 22D6 22D7 22D8 22DB 22DC 22DD 22DE 22DF 22E0 22E1 22E2 22E3 22E4 22E5 22E6 22E7 22E8		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL = 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL = 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO = 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO = 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO CREATER-THAN BUT NOT EQUIVALENT TO PRECEDES BUT NOT EQUIVALENT TO SUCCEEDS BUT NOT EQUIVALENT TO NOT NORMAL SUBGROUP OF
22BA 22BB 22BC 22BD Misc 22BE 22BF N-ar 22C0 22C1 22C2 22C3	TYNO COEIL AND CONTROL OF THE CONTR	INTERCALATE XOR NAND → 2305 ★ projective NOR aneous mathematical symbols RIGHT ANGLE WITH ARC RIGHT TRIANGLE Perators N-ARY LOGICAL AND • also used to denote the universal quantifier → 2227 ∧ logical and N-ARY LOGICAL OR • also used to denote the existential quantifier → 2228 ∨ logical or N-ARY INTERSECTION = z notation generalised intersection → 2229 ∩ intersection N-ARY UNION = z notation generalised union → 222A ∪ union OFS DIAMOND OPERATOR → 25C7 ♦ white diamond	22D4 22D5 22D6 22D7 22D8 22DB 22DC 22DD 22DE 22DF 22E0 22E1 22E2 22E3 22E4 22E5 22E6 22E7 22E8 22E9		PITCHFORK = proper intersection EQUAL AND PARALLEL TO → 2317 ‡ viewdata square LESS-THAN WITH DOT GREATER-THAN WITH DOT VERY MUCH LESS-THAN VERY MUCH GREATER-THAN LESS-THAN EQUAL TO OR GREATER-THAN GREATER-THAN EQUAL TO OR LESS-THAN EQUAL TO OR LESS-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR GREATER-THAN EQUAL TO OR PRECEDES EQUAL TO OR SUCCEEDS DOES NOT PRECEDE OR EQUAL ≡ 227C ≤ 0338 ≠ DOES NOT SUCCEED OR EQUAL ≡ 227D ≥ 0338 ≠ NOT SQUARE IMAGE OF OR EQUAL TO ≡ 2291 □ 0338 ≠ NOT SQUARE ORIGINAL OF OR EQUAL TO ≡ 2292 □ 0338 ≠ SQUARE IMAGE OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO SQUARE ORIGINAL OF OR NOT EQUAL TO LESS-THAN BUT NOT EQUIVALENT TO PRECEDES BUT NOT EQUIVALENT TO

 $\equiv 22B3 \triangleright 0338 \emptyset$

Mathematical Operators

22EC	≉	NOT NORMAL SUBGROUP OF OR EQUAL TO
		≡ 22B4 ≤ 0338 Ø
22ED	⊭	DOES NOT CONTAIN AS NORMAL SUBGROUP OR EOUAL
		= 22B5 ≥ 0338 Ø
22EE	:	VERTICAL ELLIPSIS
	•	• these four ellipses are used for matrix
		row/column elision
		→ 205D : tricolon
		→ 2026 horizontal ellipsis
		→ FE19 : presentation form for vertical
		horizontal ellipsis
22EF	• • •	MIDLINE HORIZONTAL ELLIPSIS
22F0		UP RIGHT DIAGONAL ELLIPSIS
22F1	:	DOWN RIGHT DIAGONAL ELLIPSIS
22F2	€	ELEMENT OF WITH LONG HORIZONTAL STROKE
22F3	Θ	ELEMENT OF WITH VERTICAL BAR AT END OF
0054		HORIZONTAL STROKE
22F4	⋳	SMALL ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
22F5	Ė	ELEMENT OF WITH DOT ABOVE
22F6	Ē	ELEMENT OF WITH OVERBAR
22F7	=	SMALL ELEMENT OF WITH OVERBAR

22FA → CONTAINS WITH LONG HORIZONTAL STROKE
22FB → CONTAINS WITH VERTICAL BAR AT END OF
HORIZONTAL STROKE

22FC → SMALL CONTAINS WITH VERTICAL BAR AT
END OF HORIZONTAL STROKE

22FD ∋ CONTAINS WITH OVERBAR
22FE ∍ SMALL CONTAINS WITH OVERBAR
22FF ⊨ Z NOTATION BAG MEMBERSHIP

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