glyph	old	new
plus	+	+
slash	/	/
less	<	<
equal	=	=
greater	>	>
divide	÷	÷
backslash	\	\
asciitilde	~	~
plusminus	±	±
multiply	×	×
arrowleft	←	←
arrowup	↑	↑
arrowright	→	→
arrowdown	↓	↓
arrowboth	↔	↔
arrowupdn	↕	↕
uni2196	↖	↖
uni2197	↗	↗
uni2198	↘	↘
uni2199	↙	↙
uni219A	↚	↚
uni219B	↛	↛
uni21AE	↮	↮
uni21BC	↼	↼
uni21BD	↽	↽
uni21C0	⇀	⇀
uni21C1	⇁	⇁
uni21CB	⇋	⇋
uni21CC	⇌	⇌
uni21CD	⇍	⇍
uni21CE	⇎	⇎
uni21CF	⇏	⇏
arrowdblleft	⇐	⇐
arrowdblup	⇑	⇑
arrowdblright	⇒	⇒
arrowdbldown	⇓	⇓
arrowdblboth	⇔	⇔
uni21D5	⇕	⇕
uni21D6	⇖	⇖
uni21D7	⇗	⇗
uni21D8	⇘	⇘
uni21D9	⇙	⇙
minus	−	−
uni2213	∓	∓
asteriskmath	*	*
uni2218	∘	∘
uni2219	·	•
infinity	∞	∞
similar	~	~
uni2241	≁	≁
notequal	≠	≠

glyph	old	new
lessequal	≤	≦
greaterequal	≥	≧
uni226A	≪	≪
uni226B	≫	≫
uni226E	≮	≮
uni226F	≯	≯
uni2270	≰	≰
uni2271	≱	≱
dotmath	·	·
uni2303	^	^
element	∈	∈
notelement	∉	∉
uni220A	∊	∊
uni2214	∔	∔
suchthat	∋	∋
uni220C	∌	∌
uni220D	∍	∍
uni2249	≉	≉
approxequal	≈	≈
uni2259	≙	≙
equivalence	≡	≡
uni2262	≢	≢
integral	∫	∫
arrowupdnbse	↨	↨
propersubset	⊂	⊂
propersuperset	⊃	⊃
notsubset	⊄	⊄
uni2285	⊅	⊅
circleplus	⊕	⊕
uni2296	⊖	⊖
circlemultiply	⊗	⊗
uni2298	⊘	⊘
congruent	≅	≅
proportional	∝	∝
uni21A6	↦	↦
uni222E	∮	∮
uni22B6	⊶	⊶
uni22B7	⊷	⊷
uni21A9	↩	↩
uni21AA	↪	↪
uni2243	≃	≃
uni2242	≂	≂
uni2244	≄	≄
uni2247	≇	≇
uni2246	≆	≆
uni224A	≊	≊
uni224B	≋	≋
uni224C	≌	≌
uni2263	≣	≣
reflexsubset	⊆	⊆
reflexsuperset	⊇	⊇
uni2288	⊈	⊈
uni2289	⊉	⊉

glyph	old	new
uni228A	⊊	⊊
uni228B	⊋	⊋
uni2272	≲	≲
uni2273	≳	≳
uni2274	≴	≴
uni2275	≵	≵
uni2276	≶	≶
uni2277	≷	≷
uni2278	≸	≸
uni2279	≹	≹
uni2266	≦	≦
uni2267	≧	≧
uni2268	≨	≨
uni2269	≩	≩
uni228D	⊍	⊍
uni228F	⊏	⊏
uni2293	⊓	⊓
uni2294	⊔	⊔
uni2290	⊐	⊐
uni2291	⊑	⊑
uni2292	⊒	⊒
uni22DC	⋜	⋜
uni22DD	⋝	⋝
uni22DA	⋚	⋚
uni22DB	⋛	⋛
uni22D8	⋘	⋘
uni22D9	⋙	⋙
uni22E2	⋢	⋢
uni22E3	⋣	⋣
uni22E4	⋤	⋤
uni22E5	⋥	⋥
uni2240	≀	≀
uni2299	⊙	⊙
uni227A	≺	≺
uni227B	≻	≻
uni227C	≼	≼
uni227D	≽	≽
uni227E	≾	≾
uni227F	≿	≿
uni2280	⊀	⊀
uni2281	⊁	⊁
uni22E0	⋠	⋠
uni22E1	⋡	⋡
uni22E8	⋨	⋨
uni22E9	⋩	⋩
uni22E6	⋦	⋦
uni22E7	⋧	⋧
uni22D6	⋖	⋖
uni22D7	⋗	⋗
uni22DE	⋞	⋞
uni22DF	⋟	⋟
uni22B2	⊲	⊲
uni22B3	⊳	⊳

Glyph name			Glyph name			Glyph name		
uni22B4			uni27F9			uni27FF		
uni22B5			uni27FA			uni27F2		
uni22EA			uni27FB			uni27F3		
uni22EB			uni27FC			uni21E6		
uni22EC			uni27FD			uni21E8		
uni22ED			uni27FE			uni21E7		
uni22CD			uni21A4			uni21E9		
uni223D			uni2906			uni21DE		
uni2238			uni2907			uni21DF		
uni2239			uni22C8			uni21E4		
uni223A			uni22C9			uni21E5		
uni223B			uni22CA			uni21AB		
uni2250			uni2A7D			uni21AC		
uni2251			uni2A7E			uni21F3		
uni2252			uni2A36			uni21EA		
uni2253			uni219E			uni21EB		
uni2254			uni219F			uni21EC		
uni2255			uni21A0			uni21ED		
uni2256			uni21A1			uni21EE		
uni2257			uni21A2			uni21EF		
uni2258			uni21A3			uni21F0		
uni2AAF			uni21A5			uni21DA		
uni2AB0			uni21A7			uni21DB		
uni2AB1			uni2971			uni290A		
uni2AB2			uni2972			uni290B		
uni226C			uni2973			uni2902		
uni226D			uni2974			uni2903		
uni2AB3			uni2975			uni2904		
uni2AB4			uni222F			uni2A87		
uni2AB5			uni2230			uni2A88		
uni2AB6			uni2232			solidus.arrow	N/A	for ref.
uni22C6			uni2233			bar.arrow	N/A	for ref.
uni224D			uni2231			thinsolidus.short	N/A	for ref.
uni225A			uni21BE			thinsolidus.medium	N/A	for ref.
uni225B			uni21BF			thinsolidus.tall	N/A	for ref.
uni225C			uni21C2			thinsolidus.xtall	N/A	for ref.
uni225D			uni21C3			thinsolidus.xxtall	N/A	for ref.
uni225E			uni21E0			less.short	N/A	for ref.
uni225F			uni21E1			greater.short	N/A	for ref.
uni2A00			uni21E2			thinsolidus.xshort	N/A	for ref.
uni2A00.size1			uni21E3			thinsolidus.xxshort	N/A	for ref.
uni229A			uni21F7					
uni229B			uni21F8					
uni229C			uni21F9					
uni229D			uni21FA					
uni229E			uni21FB					
uni229F			uni21FC					
uni22A0			uni21BA					
uni22A1			uni21BB					
uni27F5			uni21B6					
uni27F6			uni21B7					
uni27F7			uni21DC					
uni27F8			uni21DD					

Old

$$(a + b)\left[1 - \frac{b}{a + b}\right] = a \,,$$

$$\sqrt{|xy|} \le \left|\frac{x + y}{2}\right| \,,$$

$$\int_a^b u \frac{d^2 v}{dx^2} \, dx = u \frac{dv}{dx}\Big|_a^b - \int_a^b \frac{du}{dx} \frac{dv}{dx} \, dx.$$

$$\tilde{f}(\omega) = \frac{1}{2\pi} \int_{-\infty}^{\infty} f(x) e^{-i\omega x} \, dx \,,$$

$$\dot{\vec{\omega}} = \vec{r} \times \vec{I} \,.$$

$$\nabla \times q = i\left(\frac{\partial w}{\partial y} - \frac{\partial v}{\partial z}\right) + j\left(\frac{\partial u}{\partial z} - \frac{\partial w}{\partial x}\right) + k\left(\frac{\partial v}{\partial x} - \frac{\partial u}{\partial y}\right).$$

$$u_1 = -2\gamma\epsilon^2 s_2 + \mu\epsilon^3\left(\frac{3}{8}s_2 + \frac{1}{8}s_1 i\right) + \epsilon^3\left(-\frac{81}{32}s_4 s_2^2 - \frac{27}{16}s_4 s_2 s_1 i + \frac{9}{32}s_4 s_1^2 + \frac{27}{32}s_3 s_2^2 i - \frac{9}{16}s_3 s_2 s_1 - \frac{3}{32}s_3 s_1^2 i\right) + \int_a^b 1 - 2x + 3x^2 - 4x^3 \, dx$$

$$a^2 + b^2 = (p^2 - q^2)^2 + (2pq)^2 = p^4 - 2p^2 q^2 + q^4 + 4p^2 q^2 = p^4 + 2p^2 q^2 + q^4 = (p^2 + q^2)^2 = c^2$$

$$\hat{g}_{\uparrow\downarrow}^{K*}(\mathbf{r}, t) = \langle[\Psi_{\uparrow}^{\dagger}(\mathbf{r}, t), \Psi_{\downarrow}(\mathbf{r}, t)]\rangle,$$

$$\Delta_s^* = \langle c_{\uparrow}^{\dagger} c_{\downarrow}\rangle$$

New

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$$\int_a^b u \frac{d^2 v}{dx^2} \, dx = u \frac{dv}{dx}\Big|_a^b - \int_a^b \frac{du}{dx} \frac{dv}{dx} \, dx.$$

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$$u_1 = -2\gamma\epsilon^2 s_2 + \mu\epsilon^3\left(\frac{3}{8}s_2 + \frac{1}{8}s_1 i\right) + \epsilon^3\left(-\frac{81}{32}s_4 s_2^2 - \frac{27}{16}s_4 s_2 s_1 i + \frac{9}{32}s_4 s_1^2 + \frac{27}{32}s_3 s_2^2 i - \frac{9}{16}s_3 s_2 s_1 - \frac{3}{32}s_3 s_1^2 i\right) + \int_a^b 1 - 2x + 3x^2 - 4x^3 \, dx$$

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