Extra Aspect Symbols for Astrology

by David Faulks (davidj_faulks@yahoo.ca)
Revised November 11, 2016 (Original June 9, 2016)

1. Introduction

The purpose of this proposal is to request the addition to Unicode of 6 symbols for aspects used by some astrologers in Russia. Aspects, in Astrology, are usually defined as certain distances, in degrees, between two points, with the positions of the points most commonly being defined in terms of their *Ecliptic Longtitude*.¹ A typical astrological symbol expression (a simple one) would be $\sigma\Delta A$, meaning *Mars* (σ) and *Jupiter* (Δ) are roughly ΔA 0° (ΔA 1) apart.²

It is proposed that these symbols be encoded in the *Miscellaneous Symbols and Arrows* block. The symbols with proposed codepoints and names are below:

W U+2BF0 QUINTILE

木 U+2BF1 TREDECILE

lacktriangle U+2BF2 NOVILE

X U+2BF4 CENTILE

→ U+2BF5 VIGINTILE

Proposed character properties should be the same as similar symbols, so except for the codepoints and names, I propose they should be as below.

The *Proposal Summary Form* is attached to the end of this proposal, as seems to be the practice nowadays. This document has been revised to reflect the decisions made by the UTC at their November 2016 meeting. Symbols (and some other material) not accepted have been moved to the end of this revised document.

¹ The wikipedia page <u>Celestial coordinate system</u> decribes Ecliptic Longitude.

² There are many places where aspects are defined. For some examples, there is a Wikipedia Page, and also AstroDienst.

2. <u>Aspect Symbols used in Russia</u> X ★ ∓ X 모 X 只

In addition to the mostly international aspect symbols already encoded, at least some Russian astrologers use additional aspect symbols that, as far as I can tell, are not used elsewhere. These include a unique symbol X for the *Quintile* (72°), + for the *Tredecile* (108°), X for the *Novile* (40°), Y for the *Binovile* (80°), Y for the *Centile* (100°), and finally, Y for the *Vigintile* (20°).

Sample 2.01

From: http://lib100.com/book/astrology/fundamentals astrology 4/ Щитов Б.Б., Основы астрологии. Том 4.pdf

4.4.1.2. Насыпь

В конфигурацию *насыпь* входит бинонагон (Д., сентагон (Д.) оппозиция об. Это явная, постоянная, огненная конфигурация

The sample above, showing *Binovile* and *Centile*, comes from page 255 of Vol 4 of the series *Основы Астрологии* by Б. Б. Щитов (2002).

Sample 2.02

From: http://maslovomsk.com/books/Alexander%20Maslov%20-%20Book%202.pdf
полняющие — пунктирнои.

Главным аспектом является аспект **нонагона** (40°), обозначается (орбис 3°; 2°; 1,5°). Это аспект действия, аспект, связанный с обязательностью каких-то дополнительных (новых) действий по функциям аспектируемых планет. Аспект требует приобретения новых качеств, участвующих в аспекте планет.

Производными аспектами являются аспекты бинонагон (80°), обозначается сорбис 1,5°; 1°; 1°), полунонагон (20°), обозначается сорбис 1°; 0,5°; 0,5°). Дополняющими аспектами до оппозиции являются аспект сентагона (100°), обозначается сорбис 2°; 1,5°; 1°), является дополнением бинонагона; аспект, составляющий 4/9 окружности (160°) и не имеющий устоявшегося названия и обозначения, однако, являющийся аспек-

Page 77 of the Russian Astrology Book : **Основы Миропонимания в XXI Веке**, by Александр Маслов (2003), shows the symbols for *Novile* \boxtimes , *Binovile* \boxtimes , *Vigintile* \bowtie , and *Centile* \boxtimes .

From: http://om-aditya.ru/userfiles/ufiles/purany/nazarova.pdf

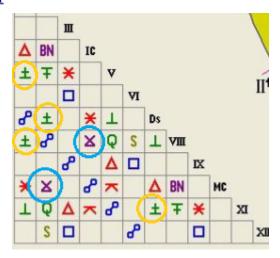
Пл	Знак	Градус	0	D	ţ	Q	ਾ	4	7	፠	\$	Б	Ж	Ŗ	U
0	m	10°49'					0		豆				ď		ď
D	×	28°46'				*			*		0	*			
ţ	χħ	4°11′		口	一		ď			*			6		
\overline{Q}	Mp	24"26"							Δ		*				
Ō	Щ	9°15'	*					N	Q	*				Δ	
4	χħ	5°51'			0										*
*	Ŋο	8°13'			7	X					*				C
፠	શ	20"49	豆	Δ									*		
\$	m	6°51'	0		\vee				*						c
5	Mp	5°51'	*				0		Δ			$\overline{}$		م	
Ж	요	18*48'													Г
ķ	222	22°04	X	*		ス				م					Г
U	ਜੁ	3°26'	7	豆	*			*							$\overline{}$
•	69	9°40'	Δ				*					X	X)	Г
Ó	6	26° 46'							\vdash	-					\vdash

Медицинская Астрология by Лариса Назарова (2002) includes a number of charts and aspect grids, including this one on page 277. It includes mu for *Binovile*, mu for *Centile*, and mu for *Vigintile*, but uses N for *Novile* and Q for *Quintile*.

Sample 2.04

From: http://www.astro-academia.ru/HTM/ukraina ch1.pdf

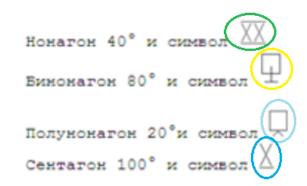
The PDF document $\underline{\mathsf{Украина}} - \underline{\mathsf{Pождение}} \, \underline{\mathsf{украинского}} \, \underline{\mathsf{народa}}$ includes a number of charts and aspect grids produced by the astrology program $\underline{\mathsf{Sotis}}$. The aspect grid sample at right shows $\mathsf{X} \, \mathsf{Centile}$, as well as $\pm \, \mathsf{Biquintile}$. Also visible here is \mp , which is used for Tredecile (but which is less widespread than \bigstar).



From: http://aribut3m-a.narod.ru/index/0-208

An <u>Online Astrology Book</u> at the above website uses charts and images that look like they were originally from a printed book (the source is unknown). The image to the right shows

X Novile,
☐ Binovile,
☐ Vigintile, and
X Centile.



Sample 2.06

From: http://lib100.com/book/astrology/fundamentals astrology 6/ Щитов Б.Б., Основы астрологии. Том 6.pdf

Основы Астрологии by Б. Б. Щитов (2002), has this sample of *Tredecile* \pm from Vol 6, page 66.

милосероие и ризум» (э, стр. эо).

Третий уровень образован соед Марса О во Льве О и Плутоном в мися в аспекте тридециля ★. Этот уровень связан с полным ко

Sample 2.07

From: http://lib3.podelise.ru/docs/3248/index-66727-1.html



The above website contains material taken from the book *Кармическая Астрология*, by Лариса Назарова (1996). The aspect listing to the left includes \square *Binovile*, and also \bot *Biquintile*.

From: http://astropro.ru/?p=blog&id=16397&pg=2

1\2	0	D	Å	Ç	ď	4	ħ	፠	Ψ	φ]·[ķ	Ω	ប	Ç	₽
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D	□Р	ďT	ЖP	(□P	♂ C)		₩P)) (
Å))	XC)			田子		XP	₩P	(X) ^p		Χ¢	
Ç	ЖP		ΔC)(ЖC)		*C	ΔC)	
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4				ΔΡ			*C		*C						ΔΡ	
ħ																
፠			ΔΡ		ЖP			¥Ρ					*C	ΔC		
Ψ	ЖP		ΔΤ		Τĸ								*C	ΔC		
Ψ							Эĸ		ХC		♦ C		♦P			里区
]·[ХP	₩P			ХP	₩P		ΔΡ					(XP			
k			♦ C													
Ω		(°Р										ΔC	*C		
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Ç)	жc													₩P
₽	С	၀	Ж¢	ЖC	С							Ήŀ		₩C	ЖC	
КА	ı	-	1	_	ı	_	_	-	_	-	-	_	_	_	-	-
Балл	-	1	_	_	-	_	-	-	-	_	_	_	_	-	_	_

The HTML page is an astrological analysis of Fyodor Dostoyevsky, in addition to numerous charts, the article includes the above aspect grid (produced by the program $\underline{\textit{Padukc}}$)which includes all of the proposed Russian symbols ($X \times X \times Y$), in addition to \pm and numerous other aspect symbols which I have seen almost nowhere else.

Sample 2.09

From: http://refdb.ru/look/1883479-p9.html

	АСПЕКТЫ	TOUHHM ACREKT	СРЕДНИЙ БАЯЛ	TOUHOTO ACTIEKTA	HETOAL ACTIEN
1.	ХХ КВИНТИЛЬ	0.4 (24')	-6°	-9 +9	-4 +4
2.	ж ридециль	0.25 (15')	-4 +4	-6 +6	-2. +2
3.		0.1 (6')	-2 +2	- 5 + 3	-4
4.	Д) ОЛУНОНАГОН	0,085	-1 +1	-1.5 +1.5	-0. +0

From: http://lib100.com/book/astrology/fundamentals astrology 4/ Щитов Б.Б., Основы астрологии. Том 4.pdf

4.5.1.1. Beep

Конфигурация *веер* образуется аспектами нонагон \boxtimes , стекстиль + и полунонагон □ (Огонь, Воздух, Вода). Большинство аспектов этой конфигурации явные (\boxtimes) и +) и дискретные (+ и □), поэтому конфигурация веер (рис. 4.61) будет явной, дискретной, а следовательно, воздушной конфигурацией.

Novile and *Vigintile* are seen in this sample, coming from page 271 of Vol 4 of the series *Основы Астрологии* by Б. Б. Щитов (2002).

Sample 2.11

From: http://lib100.com/book/astrology/fundamentals astrology 6/ Щитов Б.Б., Основы астрологии. Том 6.pdf

10	\square	Ϋ́	\$			
1 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	I △♥ 3 2 ★♀ 2 3 □♂ 2 4 □卆 2 5 □步 2 6 窓 6 7 ★Ψ 2 8 ★〒 2 9 ★〒 2 10 全 4 11 ←▼ 4 12 里♀ 4	1 日本の 6 2 △か 3 3 米♀ 2 4 木4 2 5 ※単 3 6 ※ 6	1 米D 2 2 米学 2 3 火ヴ 1 4 土歩 4 5 公単 3 6 が近 4 7 早巻 0,7 8 БC 2			

Основы Астрологии by Б. Б. Щитов (2002) includes, on page 150, Vol 6, the aspect listing shown above, which includes \mathbf{x} , \mathbf{x} , \mathbf{x} , and \mathbf{x} .

From: http://lib100.com/book/astrology/fundamentals astrology 4/ Щитов Б.Б., Основы астрологии. Том 4.pdf

This example of the X *Quintile* in use comes from page 335 of Vol 4 of the series *Основы Астрологии* by Б. Б. Щитов (2002).

роге 6, в тригоне с Ураном (♀ △ ♂). В соля ходится в Водолее ≈ в соединении с Солнцем квинтиле с Ураном (♀ ○ ♂). Положение сол более творческое свободное, что говорит о бол контактах и работе со словом.

Sample 2.13

From: http://lektsii.com/9-8710.html

¥ 14°46′	3"	254°46′		\	1	2°12'	14333	1720	2°49'	50°35	159°54	79°43'
Q 12°38′	3"	252°38	7		0	1	145°41	15°12'	2°08'	48°27	16282	77°35
0 8 19	8	38°19′	Δ		(±)		1	160°53	146°22	164°52	16°12	136 44
2 27°26	mo	237°26′	(x)					11	14°31.	33°15	17794	62°23′
九 11°57′	3	251°57′			6	0			1	47°46	162°43'	76°54
¥ 24°11′	5	204°11′	XX			34		1		1	149°31	23°08
¥ 24°40'	8	54°40	旦					00		◊	1	120"23
¥ 25°03′	mp	175°03′			(里)			*			Δ	1
J-C 16°3	П	76°03′		×	00	00	ag.		00	-		(X)
& 20°3	8	20°03′				10	1	±		00		
Sb 11°44'	69	101 44	00		12 1	♦	*	里	\Q	6 33	1	
V 11°44'	8	281'44	0	3.50	-50	¥	Δ		×		旦	-13
£ 21°27'	69	111°27'	1	*	(±)		XX			П	*	*
	-		-	-	+		-		-		-	

The Astrology Book *Анализ И Синтез Космограмм*, by Павел П. Глоба (1991), has been placed (poorly) on the Internet. The above link includes a section from this book with some images scanned from the original work, including the aspect grid above, showing \mathbb{X} , \pm , \mathbb{X} , \mathbb{Y} , and \mathbb{X} .

From: http://lib100.com/book/astrology/fundamentals astrology 9/ Щитов Б.Б., Основы астрологии. Том 9.pdf

фигурацию призма: квинтиль к вою очередь, входит в ядро плаина ((X) ((X) (X) (X

Both X and \pm are seen in use in this sample, from page 170 of Vol 9 of the series *Основы Астрологии* by Б. Б. Щитов (2002).

ISO/IEC JTC 1/SC 2/WG 2

PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646³.

Please fill all the sections A, B and C below.

Please ensure you are using the latest Form from http://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html. See also http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html for latest Roadmaps.

A. Administrative

A. Aummstrauve		_
1. Title: Extra Aspect	Symbols for Astrology	
2. Requester's name:	David Faulks	
3. Requester type (Member body/Liaison/Individual contribution):	Individual contribution	
4. Submission date:	June 9, 2016	
5. Requester's reference (if applicable):		
6. Choose one of the following:		
This is a complete proposal:		YES
(or) More information will be provided later:		
B. Technical – General		
1. Choose one of the following:		
a. This proposal is for a new script (set of characters):		NO
Proposed name of script:		
b. The proposal is for addition of character(s) to an existing b		YES
Name of the existing block:	Miscellaneous Symbols and Arrows	
2. Number of characters in proposal:	<u> </u>	6
3. Proposed category (select one from below - see section 2.2 of P8	kP document):	
A-Contemporary B.1-Specialized (small collection)	<pre>_ </pre> B.2-Specialized (large collection)	
C-Major extinct D-Attested extinct	E-Minor extinct	
F-Archaic Hieroglyphic or Ideographic	G-Obscure or questionable usage symbols	
4. Is a repertoire including character names provided?		YES
a. If YES, are the names in accordance with the "character na	aming guidelines"	
in Annex L of P&P document?		YES?
b. Are the character shapes attached in a legible form suitable	e for review?	YES
5. Fonts related:		
a. Who will provide the appropriate computerized font to the		ard?
The requester (
b. Identify the party granting a license for use of the font by		:
David Faulks (davidj	_faulks(@yahoo.com)	
6. References:		700
a. Are references (to other character sets, dictionaries, descrip		<u> </u>
b. Are published examples of use (such as samples from new		
of proposed characters attached?	YES	
7. Special encoding issues:		
Does the proposal address other aspects of character data pro		MO
presentation, sorting, searching, indexing, transliteration etc.	(if yes please enclose information)?	<u>NO</u>
0 Additional Information		
8. Additional Information:		a
Submitters are invited to provide any additional information about		
in correct understanding of and correct linguistic processing of the are: Casing information, Numeric information, Currency information		
etc., Combining behaviour, Spacing behaviour, Directional behavio		
Compatibility equivalence and other Unicode normalization related		in op contexts,
http://www.unicode.org. for such information on other scripts. Als		
http://www.unicode.org/reports/tr44/) and associated Unicode Tech		eration by the
Unicode Technical Committee for inclusion in the Unicode Standar		J
L		

³ Form number: N4502-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11, 2011-03, 2012-01)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?	<u>NO</u>
If YES explain	
2. Has contact been made to members of the user community (for example: National Body,	
user groups of the script or characters, other experts, etc.)?	NO
If YES, with whom?	
If YES, available relevant documents:	
3. Information on the user community for the proposed characters (for example:	
size, demographics, information technology use, or publishing use) is included?	NO
Reference: vague information can be deduced via search results.	
4. The context of use for the proposed characters (type of use; common or rare)	<u>rare</u>
Reference:	
5. Are the proposed characters in current use by the user community?	YES
If YES, where? Reference: see examples of use, all produced in the past 30 years	
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely	***
in the BMP?	<u>NO</u>
If YES, is a rationale provided?	
If YES, reference:	
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	<u>YES</u>
8. Can any of the proposed characters be considered a presentation form of an existing	NO
character or character sequence?	NO
If YES, is a rationale for its inclusion provided?	
If YES, reference:	
9. Can any of the proposed characters be encoded using a composed character sequence of either	NO
existing characters or other proposed characters?	<u>NO</u>
If YES, is a rationale for its inclusion provided?	
If YES, reference:	
10. Can any of the proposed character(s) be considered to be similar (in appearance or function)	VEC
to, or could be confused with, an existing character?	YES
If YES, is a rationale for its inclusion provided?	YES
If YES, reference: see the discussions in the individual sections	
11. Does the proposal include use of combining characters and/or use of composite sequences?	<u>NO</u>
If YES, is a rationale for such use provided?	
If YES, reference:	
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?	
If YES, reference:	
12. Does the proposal contain characters with any special properties such as	
control function or similar semantics?	NO
If YES, describe in detail (include attachment if necessary)	
13. Does the proposal contain any Ideographic compatibility characters?	
If YES, are the equivalent corresponding unified ideographic characters identified?	110
If YES, reference:	
ii 1E3, fefetefice.	

Material from the un-revised proposal (not accepeted)

It is initially proposed that these symbols be encoded in the Miscellaneous Symbols and *Arrows* block, filling in some of the gaps left by previous proposals.

The symbols with proposed codepoints and names are below:

```
U+2BDC SEMISQUARE ASPECT
//
    U+2BDD PARALLEL ASPECT
#
    U+2BDE CONTRA PARALLEL ASPECT
土
    U+2BDF CROSS ON BASE
XX
    U+2BF8 OVERLAID UP AND DOWN CHEVRONS
未
    U+2BF9 OVERLAID CROSS AND LOW CHEVRON (?)
\overline{XX}
    U+2BFA OVERLAID UP AND DOWN TRIANGLES
```

甲 U+2BFB BOX IMPALED ON UP TACK (?)

X U+2BFC TRIAGLE WITH EXTENSION (?)

只 U+2BFD BOX ON CARET

2. <u>Semisquare Aspect</u> ∠

When it comes to aspect symbols, the 'traditional' aspect symbols⁴ are already encoded in Unicode as such, or defined to be equivalent to other characters, with one exception: the semisquare, or 45° aspect symbol. The usual shape is similar to ∠ U+2220 ANGLE, and until recently I had assumed that that character could be used for the semisquare aspect. However, my research has revealed that the shape is actually somewhat variable, and common variations are shaped like \bot or \lt .

The shapes of mathematical symbols and operators are pretty well defined, and a font that alters the glyph for U+2220 to match < or ∟ would likely be considered incorrect for mathematical

See An *Introduction to Aspects and Chart Shaping in Natal Astrology*.

usage. It also seems undesirable for end-users to use 3 different characters to match the variant shapes of a single symbol. Therefore, I feel it is best to encode a separate **SEMISQUARE ASPECT** symbol, with a glyph that can be varied without affecting U+2220. The default glyph for this new character (∠) will still match the most common glyph.

This will not cause much in the way backwards compatibility issues, as almost all astrological fonts are 8-bit symbol fonts, and thus are already incompatible with Unicode.⁵

If this proposal is not accepted, I ask instead that U+2220 be annotated to define it as the character used for the semisquare aspect, in the same way \square and \triangle are defined as aspect symbols.

Sample 2.01

From: https://www.amazon.com/More-Plutos-Sue-Kientz-ebook... (Kindle free sample)

An example of the usual semisquare glyph in use, from *More Plutos* by Sue Kientz (2015, Kindle sample, page 21).

mbs. When he mailed his first bomb on M siting $\ (14 \Upsilon 34) \ \angle$ his $\ (0 \ \mathbb{I} 44)$.

Sample 2.02

From: https://books.google.ca/books?id=3B5zAgAAQBAJ&pg=PA135

Another example from page 135 of *Astrologie Der Paarbeziehungen* by Harald Hoffmann (2013).

[12] zu Rivalitäten und Konkurrenzkä

Ein Interaspekt, der große s Halbquadrat kann man sich der eine Paarbeziehung gefähi

Sample 2.03

From: https://books.google.ca/books?id=LHJwYpzFze0C&pg=PA29#v=onepage&q&f=false

¥	Semisextile	30°	Mino
(L)	Semisquare	45°	Mino
*	Sextile	60°	Major
	Square	90°	Major

Page 29 of *Astrology for Beginners* by by William W. Hewitt (2002) uses the ∟ version of Semisquare.

Sample 2.04

⁵ The only font I have found that is Unicode and which adds extra astrology symbols is Esoterik.

From: https://books.google.ca/books?id=RkQdAQAAMAAJ

A snippet search view via Google Books shows the < version of semisquare on Page 52 in *Méthode d'astrologie: psychologie et orientation* by Marcie Vinal (1969).

prétation.

From: http://lib100.com/book/astrology/fundamentals astrology 5/ Щитов Б.Б., Основы астрологии. Том 5.pdf

М.С. Горбачёв: Сатурн учителя и Л In Russia, the semisquare is always ∠. нонагон 🔀

From vol 5, page 186 of *Основы астрологии*, by Б.Б. Щитов (2002).

Р. М. Горбачёва: Сатурн учител ученицы — полуквадрат

Этот уповень взаимоотношений пр

Sample 2.06

From: https://books.google.ca/books?id=7OK8LnCIhXMC&pg=PA45

Astrologie-Ausbildung, Band 2, by

chtigt.

Angela Mackert (2011) shows ∟ in use on ∶ (木) zu Neptun (キ) ist ein Nebenaspekt,

page 45.

til (✓) zu Venus und das Halbquadrat (L) zu

olge der Planetengeschwindigkeit aufgelistet

Sample 2.07

From: https://books.google.ca/books?id=B lshvY2Fe0C&pg=PT242

SPECTS

L'Astrologie, science du XXIe siècle: **Postulat, Preuves, Perspectives** By Elizabeth Teissier (1994) shows what looks like a failed attempt to use < for semi-carré (semisquare).

< Semi-carré - 45° d'écart (aspect de tension) ct ambigu) ect de tension) Δ 1 rigone -120° d'écart (aspect harmonique) 'écart (aspect de tension) * Sextil – 60° d'écart (aspect harmonique) pect de tension)

Sample 2.08

From: https://books.google.ca/books?id=UWKMvfYCTRUC&pg=PA40#v=onepage&q&f=false

From Page 40 of *Mathematisch*-Instruktives Lehrbuch Der Astrologie, by Karl Brandler-Pracht (2012), we see ∠ again.

40

O in 12° 24' Q und der ħ in 25° 40' stehen zu plaktischen (... Man schreibt

. Das Sesquiquadrat (Einundeinhalbquadrat) Q. (41/2 Z 77 0 1 / 1 ! 1 1 1 11 1

From: http://www.3horoscopes.com/astroquick-reports/astroquick synastry bruce-willis demi-moore.htm

				0	D	ğ	2	O [†]	4	5	፠	Å	₹	S	ż	As	Мс	\oplus		_
\times	27.21	WII	0				Δ							Δ		ď		می	0	Ι
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€	1.06	V	ğ						ď		P						✡		ğ	3
222	16.08	V	2					م							Δ			<u>+</u>	5	3
8	14.06	VIII	O [#]	00	ď	P	op				_	Po	Δ				`	Δ	O [#]	I
9	19.53	X	4	Δ	坹		Δ			-(\leq	Δ				Δ		口	4	3
m.	20R55	${\rm I\!I\!I}$	5	Q	op	ď	Q					ď				Δ		✡	5	7
9	23R40	X	₩	Δ	苁		Δ							ď		Δ		✡	፠	3
4	27R39	II	Ψ						Δ								\$		Ψ	7
Ω	9.40.40	WI	Φ		П		П		٥								Λ		Ŷ	т

The French astrology program <u>AstroQuick</u> uses the < form of semisquare, as can be seen in the aspect grid section at left. Also circled is a glyph for the *biquintile*

Sample 2.10

From: https://books.google.ca/books?id=SwR34LSWMrkC

In *Alan Oken's Complete Astrology* by Alan Oken (2008), some of the aspect symbols are marked non-standard and preferred by the author, but the semi-square symbol is not among them.

trine	120	8-10-12	Δ	triangle, indicate
sextile	60	4-5-6	*	six-pointed star, it tive signs (fire an
inconjunc- tion	150	2-3-4	~°	cusps of Houses affinity of aspect spatial factor of
semi- square	45	2-3-4	U	right angle, indica verging and dissi
semi- sextile	30	2-3-4	>°	cusps of Houses affinity with φ factor of 30°
quintile	72	2-3-4	Ű	symbol of evolve gram with point

Sample 2.11

From: https://books.google.ca/books?id=BGETBXq14pwC&pg=PA49

primed from the \square are *evil*, and produce nature. They are, the \mathcal{E} , \square , \square , and \mathcal{E} and parallel of good planets $(\mathcal{V}, \mathcal{V}, \Theta)$ are planets $(\mathcal{V}, \mathcal{H}, \mathcal{V}, \mathcal{E})$, \mathcal{E} iable in this respect, and always takes the anet to which it is in closest aspect at the

From page 49 of *The New Manual of Astrology: In Four Books* by Sepharial (2005 reprint).

3. Parallel and Contra-Parallel //

The astrological aspects known as *Parallel* and *Contra-Parallel* are seemingly unique among aspects used by astrologers today, because unlike the other aspects which use *Ecliptic Latitude* as the position of the points involved, Parallel and Contra-Parallel use *Declination*. Two points are said to be in a parallel aspect if their declinations are close, and in a contra-parallel if their declinations are close to opposite.⁶

Previously, I had assumed that \parallel U+2225 parallel to and \nmid U+2226 not parallel to could be used for the symbols for these aspects. However, my research has revealed that just like the semisquare aspect, the glyphs for the parallel and contra-parallel aspects vary considerably. Also, the concepts behind the astrological parallel and contra-parallel do not really correspond to the mathematical concepts associated with the existing characters just referred to.⁷

Therefore, I am proposing new characters be encoded, PARALLEL ASPECT (#), and CONTRA PARALLEL ASPECT (#).

Sample 3.01 From: http://www.astrologycafe.com/astrology-of-today-may-29-2016/

The <u>Astrology Cafe</u> website posts daily listings of aspects, including Parallel (circled in Red), and Contra-Parallel (circled in Maroon). These glyphs are slanted compared to the mathematical *parallel* and *not parallel* symbols.

29	9	EDT +4:00	D	€
Tr-Tr	D	08:34p 00:58a 09:57p 05:30p 02:11p 08:11a 06:42a 03:34a 02:46a	**************************************	11:03p 09:04p 04:45p 08:26a 07:21a 03:48a 03:13a
	Third Qua	arter 8:11 a	am 8°Pi3	2'

⁶ This page: Information On Parallel Of Declinations is one of many that explain these aspects.

⁷ The name 'Parallel' for the aspect most likely comes from plotting the positions on a grid—a line drawn between two planets plotted this way would be (almost) parallel to the line for the Celestial Equator—which is mentioned in the document linked previously.

From: https://books.google.ca/books?id=Hp-H4KhAvoUC&pg=PA49

iter	4		Semi-quartile	7
ırn	ħ		Sesquiquadrate	
nus	፠		Quincunx	$\overline{}$
stune	Ψ		Semisextile	\vee
0	윷	4	Quintile	Q
oscope	Н		Biquintile	BQ
lium coeli	M		Parallel	
cendant	Δ		Equipollent	XI.
m coeli	Y		Part of Fortune	8

Classical Scientific Astrology by George C Noonan (2005), on the other hand, uses glyphs identical to the mathematical ones. This chart of symbols is from page 49.

th can be found by projection of the others. mbols used above for the signs and planets

Sample 3.03

From: http://wiki.astro.com/astrowiki/de/Parallele

The German-language <u>Astro-Wiki</u> prefers non-slanted glyphs in its definition, but the cross-bar for *Kontraparallele* is horizontal instead of slanted.

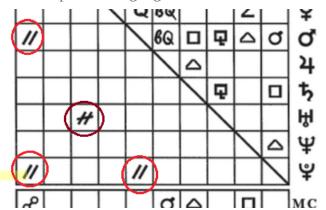
Der Orbis einer Parallele beträgt nicht mehr als 1° bis maximal Beispiele: (*N* = nördlich und *S* für südlich des Himmelsägutors)

- 1. **(** 17° N und 24 17° N **(I (** Parallele)
- 2. **3** 17° S und **2** 17° S **1** Parallele)
- 1. To S und 24 17° N = 4 (Kontraparallele)
- 2. 💍 17° N und 24 17° S 🛊 👭 (Kontraparallele)

Geschichte

Sample 3.04

From: https://books.google.ca/books?id=aHdnAwAAQBAJ&pg=PT52



Aspects in Astrology: A Guide to Understanding Planetary Relationships in the Horoscope, by Sue Tompkins (2013), includes an aspect grid on page 52 showing parallel and contra-parallel.

From: http://lib100.com/book/astrology/fundamentals astrology 6/ Щитов Б.Б., Основы астрологии. Том 6.pdf

Основы астрологии, by Б.Б. Щитов (2002), uses slanted lines, and the contraparallel resembles #. From vol 6 page 97.

уровне космических энергий. влению парадлель // напоминает асперпараллель # — оппозицию о , но учих энергий. Параллель — навный асп

Sample 3.06

From: https://books.google.ca/books?id=ZGIoAgAAQBAJ&pg=PA116

Astrology Handbook, by Anton Jaks (2011) shows its glyphs for Parallel and Contra-Parallel on page 116.

Parallel and contra-parallel. This is an declination and not of longitude. Sometimes you written "P" for parallel. Planets can be above th (North Declination) and below the ecliptic (South tion). If two planets are at the same degree of N or this planets are at the same degree of N or this planets are at the same degree of N or this planets.

Sample 3.07

From: http://athenasweb.com/blog/page/2/

				_
D=R 0:10 D#W 0:46	D ad 1:00 D ∗ 4 2:24	Σ ΔΨ 0:31 Σ Π Σ 0:33		
D2ħ 2:15 D*2 2:24 Q = Ψ 3:00	D→m. 5:34 D∨h 7:41 ** 8:34			D%Ā .
D#Ψ 4:01 DII2 6:36 D#W 8:17	9:08 9:21	⊅ × o 7:45 ⊙ □Ψ 9:08	⊅ △♀ 7:01	⊅□Ψ
ጋ ኞ⊌ 8:17 ጋ ∞ ៩ 12:21	DIII) 12:32	⊅ *₽.10:40 ⊅ □ 2 (1:31	∀#♀ 2:28	ሪ ⊼ይ1 ⊕21 ጋ 교 የ 1
⊅ © 4:05	⊙ ĕ ਊ 12:56	D = 4 1.51	D→★ 2:39 D∠P. 2:47	DII 1
DQΨ 6:34 DQΨ 7:18	Dag 5:47	⊅×坡 6:40	ጋ σћ 4:21	ე%Q ე⊼Б
	Ď ∗ ਊ 9:00	⊅△\$ 10:26	⊅교坡 10:41	Doat

This aspectarian from <u>Athena's Web</u> includes parallel and contraparallel symbols that do not seem to match up, but given the custom glyphs for other symbols, must have been deliberately chosen.

From: https://books.google.ca/books?id=WjyjAwAAQBAJ&pg=PA7

Astrology Handbook By LA Snyder (2012) uses non-slanted glyphs on Page 7.

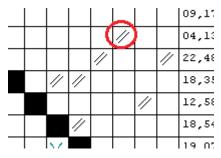
extile ile are ne quare Ψ. Χ. (II # Sesquiquadrature Quincunx (or inconjunct) Opposition Parallel

Contra-parallel

Sample 3.09

From: http://home.kpn.nl/ligteneigen1/auteurs/gieles/gieles1.html

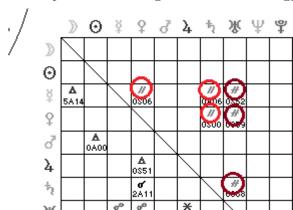
The most slanted parallel glyphs I have seen comes from an aspect grid shown to the right, produced by the Dutch astrology program *Newcomb*.



Aspects:

Sample 3.10

From: http://www.dancingwiththestarsastrology.com/report.htm



Another example produced by Solar Fire, with slanted glyphs, comes from this aspect grid included as part of a 'Chiron Report'.

From: https://books.google.ca/books?id=KO62CwAAQBAJ&pg=PA75

Apokatastasis by Emil Lips (2016) has a table of aspects, showing slanted parallel and contra-parallel.

Sesquiquadrat	135°	Q	g
Parallele	0°		T
Contra-Parallele	0°	#	

Tabelle 1-11: Aspekttabelle

Sample 3.12

From: http://www.asztrokarma.hu/doc/karmaasztrologia.pdf

vágyik (O, QII) Harmónia), ez

rra törekszik, hogy ezt meg is

The Hungarian-language astrological document *Tiszta Forrás: Személyiségelemzés* uses slanted parallel and contra-parallel. The example at left comes from page 12.

4. Cross on Base (Biquintile) ±

Aspect symbols outside the core set are (for the most part), not standardized, and can often be mapped to characters already in Unicode. For example, the *Quintile* aspect (72°) is often displayed using Q, \Rightarrow , or \triangle (and also X, but I'll get to that later).

The Biquintile aspect, by contrast, has several symbols not in Unicode. While Q^9 can theoretically be represented in Unicode already, and Q^{10} and Q^{11} seem to be very rare, a more common symbol is \pm , which is especially popular in Russia. This symbols looks very similar to \pm U+00B1 PLUS-MINUS SIGN, to the point that sometimes, a \pm is clearly what is intended.

However, there are enough glyph variations, combined with dissimilar meanings and contrastive usage, that I think a separate character should be added. The name **CROSS ON BASE** is proposed to avoid the name seeming to endorse \pm as *the* biquintile aspect symbol.

In addition to the samples in this section, seven of the samples in the next section also include \pm .

Sample 4.1

From: https://books.google.ca/books?redir esc=y&id=A-FCAQAAMAAJ

Searching inside *The Key and Guide to Astrology* by Raphael (aka W. Foulsham) (1905) at Google Books shows it uses ±.

45° apart; ★, sextile, or 60°; Q quintile, or 72°; [quartile, 90°; △ trine, 120°; □, sesquiquadi

biquintile, 144°; ♥, quincunx, 150°; ℰ, opposi

Sample 4.2

From: http://www.ndolya.ru/goro/aspekt/1.html

3. Биквинтиль ±

Биквинтиль является аспектом с угловым расстоянием между планетами 144° при орбисэ ± 1°. Это Характеристика Биквинтиля почти такая же, как и Квиконса (♦). Это то, что творчески сти роисходит тайно, связано с совершенно неожиданными творческими преобразованиями, которь

A work by П.П. Глоба, *Конфигурация аспектов*, is found on the internet using inline images for astrological symbols. An inline image is used for the biquintile, while the \pm 1° uses a \pm character.

⁸ The symbols Q and △ are shown at the <u>AstroWiki page</u>, and are used by many software programs (and people). ★ is used by *AstroQuick*, Halloran's *AstroDeluxe*, and probably some others.

⁹ As seen at AstroWiki. Several (mostly German) astrology programs use this symbol.

¹⁰ Aspects guides including B can be found in books authored by Phillipe Dorbaire, like Astrologie au Quotidien.

¹¹ The **◊** symbol can be found at the German-language *Astrologisch Forums*, where it can be (and is) inserted in text.

Sample 4.3

From: http://www.aureas.com/Textes/Inside1930-2030.pdf

	Day h:m	Day h:m	Day h
ტ.ტ.ბ	11:52 D Q X 17:06 Q ± X 22:05 D • §	17:38 D 电 ち 19:39 D ロ ♡ 21:33 ⊙ △ ♀ 23:39 D 电 ※	18 18 23
ひな気あず気よなも糸な	10 01:27 ⊙ 및 D 04:50 D M 04:55 D 및 Q 07:45 D * Ψ 08:34 D ⊼ Q	14 04:42 D	18 02 05 10 14 14
Ծ ֆ 4	12:17 D o ^o ち 13:39 D y o ^o 16:34 O O Y	14:29 D / ♀ 14:50 D ± w 19:11 D ム ち	15 20
¬ ₽	18:41 D ± Q 19:04 D II Ж	21:15 O Q D 22:29 D v d	19 02 02

The Complete Ephemerides 1930–2030 by Auréas / Francis Santoni (2005), uses \pm for *Biquintile*. The sample is taken from page 67 of the PDF sample.

Sample 4.4

From: http://www.astroquick.fr/theme compatibilite-signe.htm

The French astrology program <u>Astroquick</u>, in addition to using < for semisquare and \Leftrightarrow for sextile, uses \pm for biquintile.



Sample 4.5

From: http://buks.astro-babylon.ru/ajzin c obshhaya astrologiya f.pdf

∠ - 30° - полусекстиль	ZN - 100° - синтаг(_{Page} 5 of Общая Астрология , by		
⊼ - 150° - квиконс	№2 - 160 ° - дополь С. М. Айзин (1998) shows an aspect		
∠ - 45° -полуквадрат	κ полуг guide that includes \pm for Biquintile.		
🛭 - 135° - полутороквадрат	S - 51,4° - септил		
Q - 72° - квинтиль	§ - 128,6° - допол		
	к септ		
⊥ - 36° - полуквинтиль	\$ - 102,8° - бисеп [.]		
(±) 144° - биквинтиль	§ - 72,2° -допол⊦		
	к бисеі		

5. Additional Aspect Symbols used in Russia $\mathbb{X} + \mathbb{X} \times \mathbb{X} \times \mathbb{X}$

In addition to the mostly international aspect symbols already covered previously (or already encoded), at least some Russian astrologers use additional aspect symbols that, as far as I can tell, are not used elsewhere. These include a unique symbol \mathbb{X} for the *Quintile* (72°), \bigstar for the *Tredecile* (108°), \boxtimes for the *Novile* (40°), \square for the *Binovile* (80°), \boxtimes for the *Centile* (100°), and finally, \square for the *Vigintile* (20°).

While these symbols are found in many Russian astrology books and some Russian astrology programs use them, I cannot find evidence of their usage outside Russia (and perhaps Ukraine). This makes naming them after the aspects they represent somewhat tricky, since it would be more or less 'defining or endorsing' the symbols as *the* symbols for their aspects, when only a local minority use them (for example, even in Russia, \mathbf{N} is the most common symbol for Novile¹²).

So, I have come up with provisional name suggestions based on their shape:

- ★ OVERLAID UP AND DOWN CHEVRONS
 ★ OVERLAID CROSS AND LOW CHEVRON
- ▼ OVERLAID UP AND DOWN TRIANGLES

 ▼ BOX IMPALED ON UP TACK?
- ▼ TRIANGLE WITH EXTENSION?
 □ BOX ON CHEVRON

If names like these are used, the characters should be annotated to indicate their function, like 'sometimes used for novile aspect'.

¹² For example, the astrology programs **ZET**, **Becta**, and **Sotis** all use N.