

BYZANTINE MUSIC FORMULÆ

Third Mode - Sticheraric

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* The Byzantine music formulæ herein were extracted from sticheraric melodies found in the *Zoe Anastasi-matarion* (14th edition, 2002) Volume I of *Mousike Kypsele* (1883 edition), the *Doxastarion* of Konstantinos Protopsaltis (1844 edition), and the two-volume *Athonias* (1906 edition) by Petros Philanthidis.

Key:

1 = accented syllable
0 = unaccented syllable
X = syllable that may be either accented or unaccented

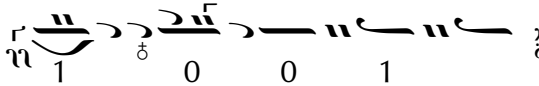
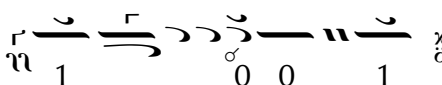
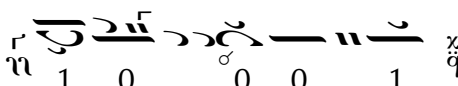
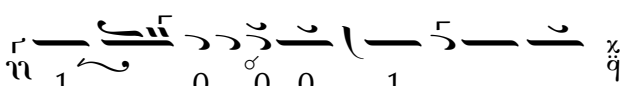
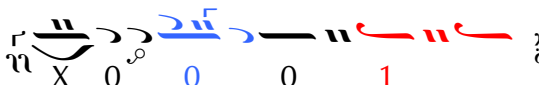


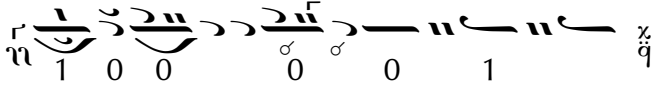

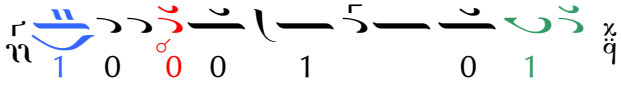



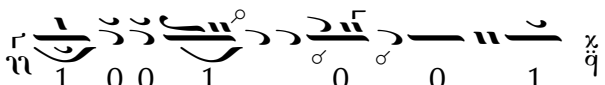
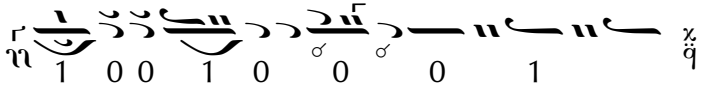
Variations of the same formula are indicated in color

Third Mode - Sticheraric

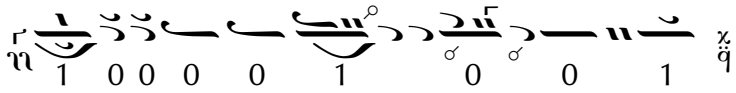
A) Intial Formulae Ga - Ke

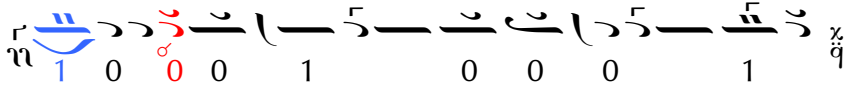
These may also be used as medial formulae from Pa to Ke by increasing the intervallic jump of the first character by two.


Accented on last syllable:

1001			
			
10001			
			
X0001			
100001			
010001			
1000101			
			
1001001			
10010001			

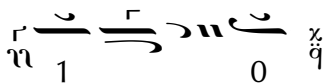
Third Mode - Sticheraric

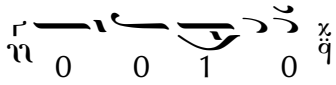
100001001 


100010001 




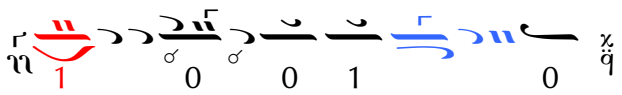
Accented on second to last syllable:


10 

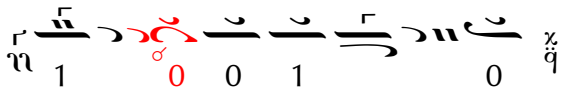
0010 


10010 

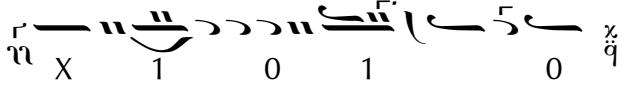


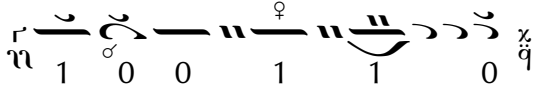


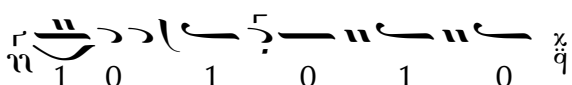




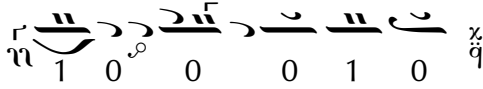


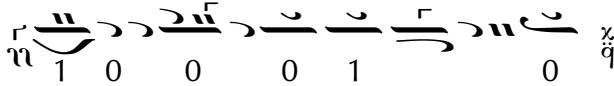
X1010 

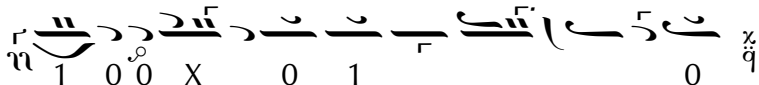
100110 

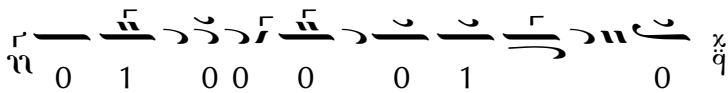
101010 

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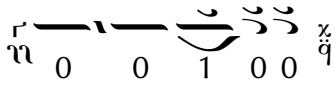
100010 

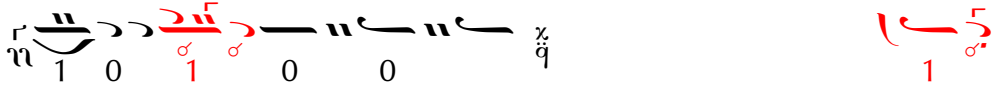


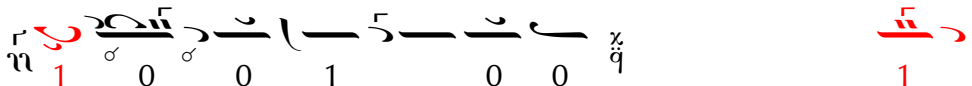
100X010 

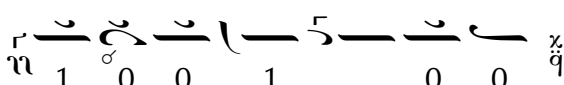
01000010 

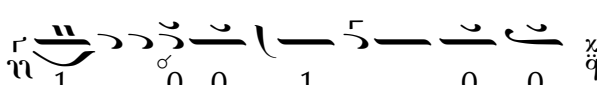
Accented on third to last syllable:

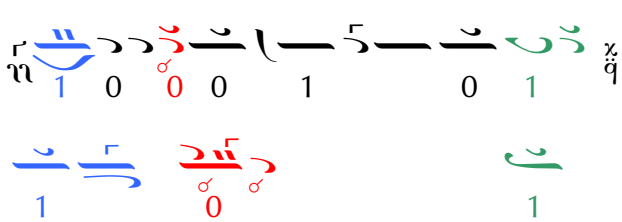
00100 

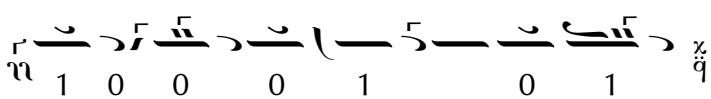
10100 

100100 





1000101 



Third Mode - Sticheraric

1000100

00100100

010100100

010010100

010000100

100100100

100000100

Accented on fourth to last syllable:

1001

X1010

101010

100X010

B) Medial Formulae Ke - Pa

Accented on last syllable:

1010X

0X0001

10010X

100X0X

X00X0X


0X00001


01X0X01


X0X010X

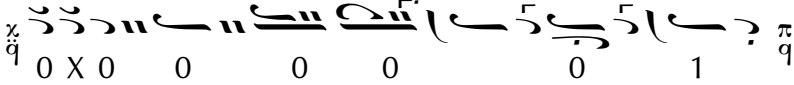
100010X

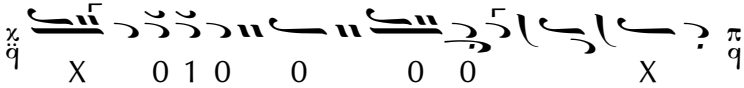
Third Mode - Sticheraric

1000X0X 




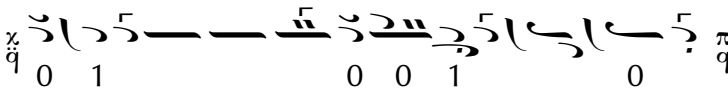
10X01001 

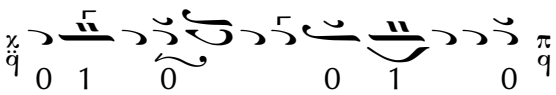
0X000001 

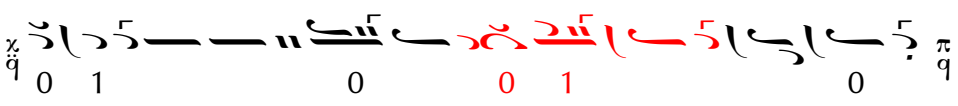
X010000X 

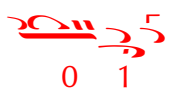
Accented on second to last syllable:

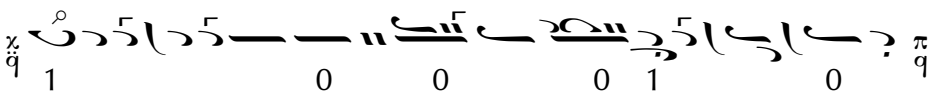
0010 

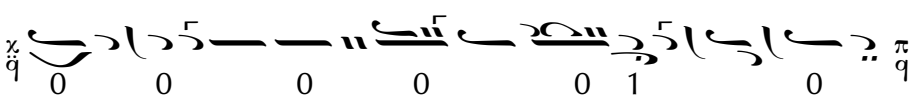
010010 

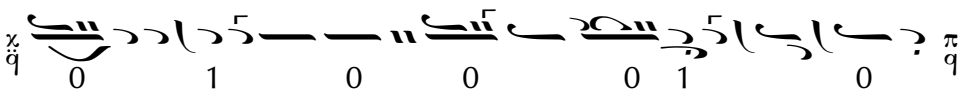






100010 

0000010 

0100010 

Third Mode - Sticheraric

0100010 $\frac{x}{q}$ 0 1 0 0 0 1 0 $\frac{\pi}{q}$

0 1

1000010 $\frac{x}{q}$ 1 0 0 0 0 1 0 $\frac{\pi}{q}$

$\frac{x}{q}$ 1 0 0 0 1 0 $\frac{\pi}{q}$

X010010 $\frac{x}{q}$ X 0 1 0 0 1 0 $\frac{\pi}{q}$

1 0 0

1

00100010 $\frac{x}{q}$ 0 0 1 0 0 0 1 0 $\frac{\pi}{q}$

0 0 1

$\frac{x}{q}$ 0 0 1 0 0 0 1 0 $\frac{\pi}{q}$ 0

$\frac{x}{q}$ 0 0 1 0 0 1 0 $\frac{\pi}{q}$

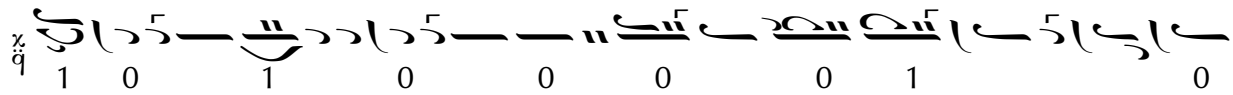
0 0 1 0 0

0 0

0 0

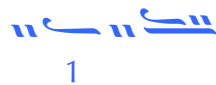
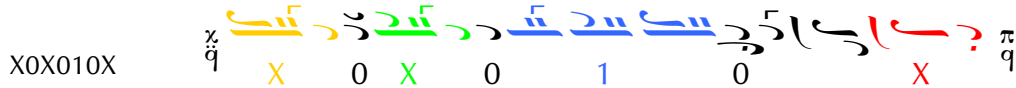
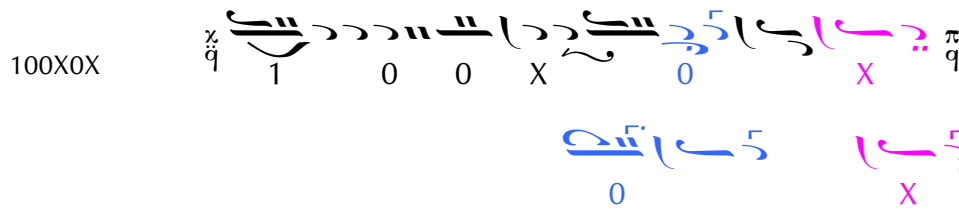
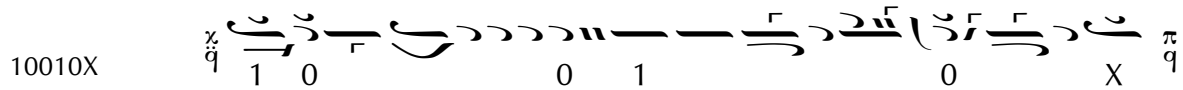
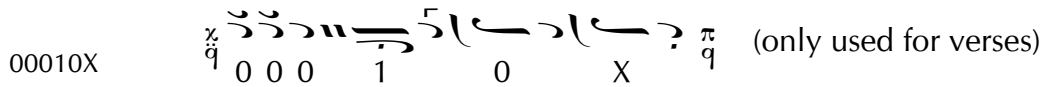
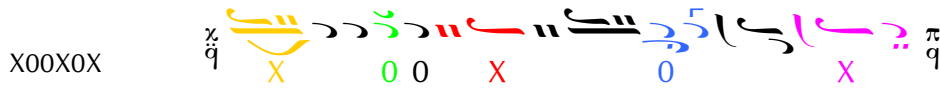
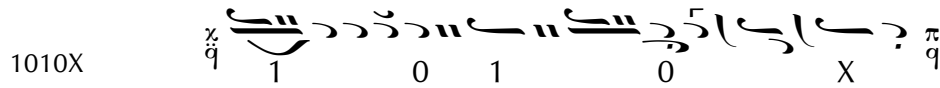
Third Mode - Sticheraric

101000010

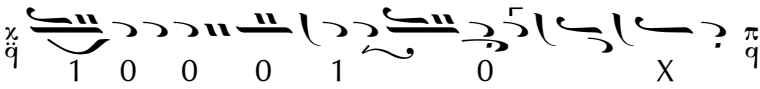


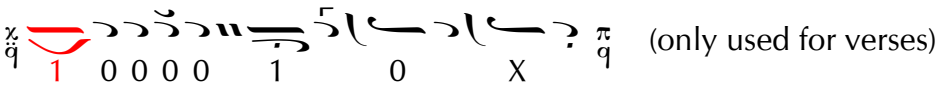
π_q

Accented on third to last syllable:





Third Mode - Sticheraric

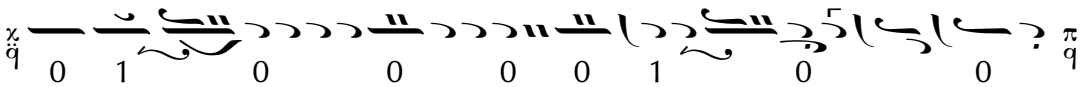
100010X  π_q

100010X  π_q (only used for verses)

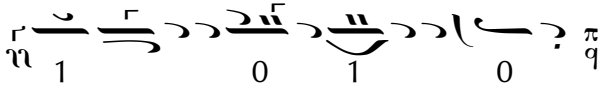


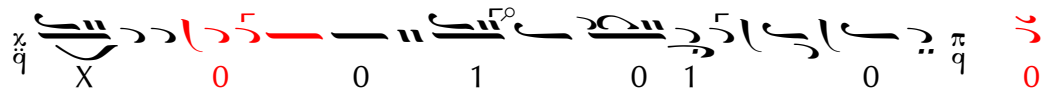

1000X0X  π_q

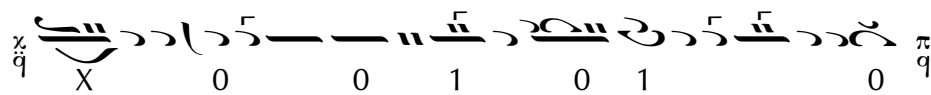


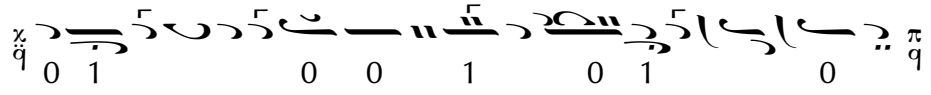
010000100  π_q

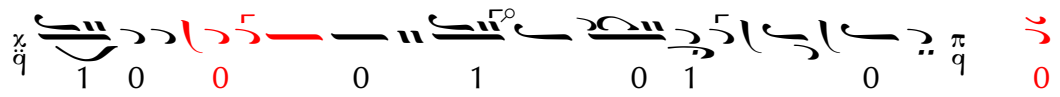

Accented on fourth to last syllable:

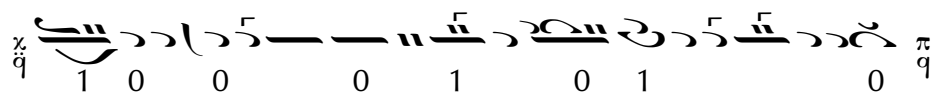
1010  π_q

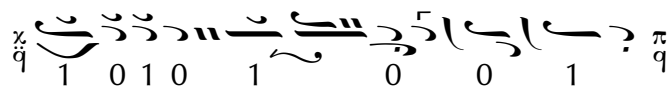
X001010  π_q 

 π_q

01001010  π_q

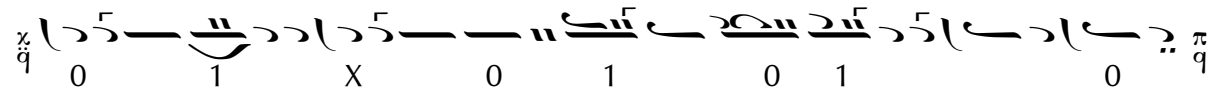
10001010  π_q 

 π_q

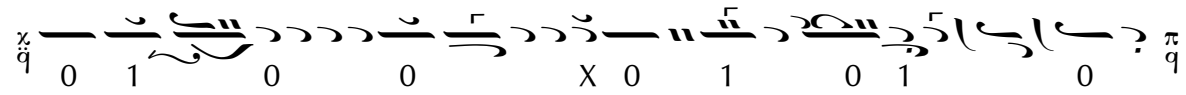
10101001  π_q

Third Mode - Sticheraric

01X01010



0100X01010



C) Medial Formulae from Pa

In third mode there are four ways that the melody continues from Pa: by having a cadence on Nee, Ga, Di, or Ke. The cadences on Ke may be preceded by a cadence on Di. The cadences on Nee must be preceded by a cadence on Di. The cadences on Ga and Di are not written with a martyria. Interestingly enough, the vast majority of heirmologic bridges in third mode occur as medial formulae from Pa. For this reason, there is no separate section for such bridges in this mode.

1) Pa - Ke

Note that some formulae in section A may also be used as formulae from Pa to Ke.

Accented on last syllable:

001		
X01		
10001		
00010001		
010X0001		
010010100101		

Accented on second to last syllable:

010		
-----	--	--

Third Mode - Sticheraric

0010

π
q
0 1 0 $\frac{x}{q}$

π
q
0 0 1 0 $\frac{x}{q}$

π
q
0 0 1 0 $\frac{x}{q}$

π
q
0 0 1 0 $\frac{x}{q}$

π
q
0 0 1 0 $\frac{x}{q}$

π
q
0 0 1 0 $\frac{x}{q}$

00010

π
q
0 0 0 1 0 $\frac{x}{q}$

π
q
0 0 0 1 0 $\frac{x}{q}$

110010

π
q
1 1 0 0 1 0 $\frac{x}{q}$

Accented on third to last syllable:

100

π
q
1 0 0 $\frac{x}{q}$

00100

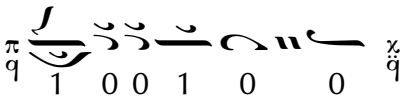
π
q
0 0 1 0 0 $\frac{x}{q}$

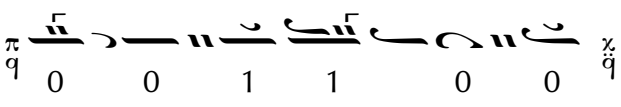
π
q
0 0 1 0 0 $\frac{x}{q}$

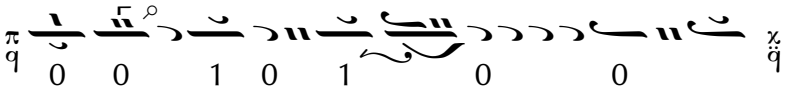
10100

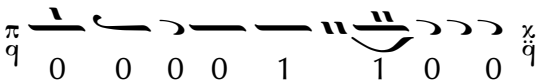
π
q
1 0 1 0 0 $\frac{x}{q}$

Third Mode - Sticheraric

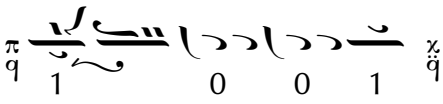
100100 

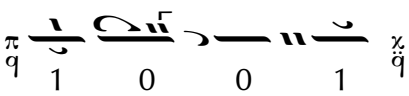
001100 

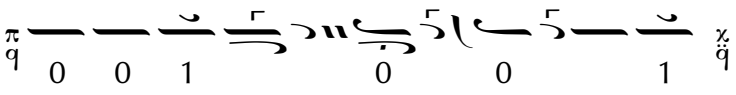
0010100 

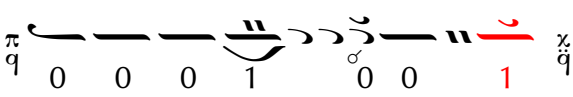
00001100 

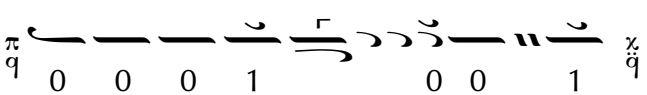
Accented on fourth to last syllable:

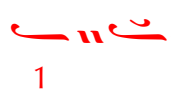
1001 



001001 

0001001 





Third Mode - Sticheraric

2) Pa - Di

These formulae are followed by a cadence on Ke (section C4) or Nee (section C5) or Ga (section C7) or Pa (section C10) or by another cadence of Di (section C9).

Accented on last syllable:

01 $\pi \begin{array}{c} \text{—} \text{—} \\ \text{q} \\ 0 \quad 1 \end{array} \Delta$

X1 $\pi \begin{array}{c} \text{—} \text{—} \\ \text{q} \\ \text{X} \quad 1 \end{array} \Delta$

001 $\pi \begin{array}{c} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 0 \quad 1 \end{array} \Delta$

10001 $\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 1 \quad 0 \quad 0 \quad 0 \quad 1 \end{array} \Delta$ 

10010001 $\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 1 \quad 0 \quad 0 \quad 1 \quad 0 \quad 0 \quad 0 \quad 1 \end{array} \Delta$

Accented on second to last syllable:

010 $\pi \begin{array}{c} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 1 \quad 0 \end{array} \Delta$

$\pi \begin{array}{c} \text{—} \text{—} \\ \text{q} \\ 0 \quad 1 \quad 0 \end{array} \Delta$

0010 $\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 0 \quad 1 \quad 0 \end{array} \Delta$

$\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 0 \quad 1 \quad 0 \end{array} \Delta$

$\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 0 \quad 1 \quad 0 \end{array} \Delta$

$\pi \begin{array}{c} \text{—} \text{—} \text{—} \text{—} \\ \text{q} \\ 0 \quad 0 \quad 1 \quad 0 \end{array} \Delta$

Third Mode - Sticheraric

	π		Δ
	q	0 0 1 0	Δ
00010	π		Δ
	q	0 0 0 1 0	Δ
10010	π		Δ
	q	1 0 0 1 0	Δ
010010	π		Δ
	q	0 1 0 0 1 0	Δ
001010	π		Δ
	q	0 0 1 0 1 0	Δ
000X10	π		Δ
	q	0 0 0 X 1 0	Δ

Accented on third to last syllable:

100	π		Δ
	q	1 0 0	Δ
	π		Δ
	q	1 0 0	Δ
0100	π		Δ
	q	0 1 0 0	Δ
	π		Δ
	q	0 1 0 0	Δ
0101	π		
	q	0 1 0 1	
00100	π		Δ
	q	0 0 1 0 0	Δ

0 1

Third Mode - Sticheraric

10100 π
 $\begin{array}{cccccc} \text{1} & \text{0} & \text{1} & \text{0} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

$\begin{array}{cccccc} \text{1} & \text{0} & \text{1} & \text{0} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

000100 π
 $\begin{array}{cccccc} \text{0} & \text{0} & \text{0} & \text{1} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

$\begin{array}{cccccc} \text{0} & \text{0} & \text{0} & \text{1} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

0100100 π
 $\begin{array}{cccccc} \text{0} & \text{1} & \text{0} & \text{0} & \text{1} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

$\begin{array}{cccccc} \text{0} & \text{1} & \text{0} & \text{0} & \text{1} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

0010100 π
 $\begin{array}{cccccc} \text{0} & \text{0} & \text{1} & \text{0} & \text{1} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

$\begin{array}{cccccc} \text{0} & \text{0} & \text{1} & \text{0} & \text{1} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

Accented on fourth to last syllable:

1001 π
 $\begin{array}{cccc} \text{1} & \text{0} & \text{0} & \text{1} \\ \text{q} & & & \Delta \\ & & & \text{q} \end{array}$

001010 π
 $\begin{array}{cccccc} \text{0} & \text{0} & \text{1} & \text{0} & \text{1} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

1001010 π
 $\begin{array}{cccccc} \text{1} & \text{0} & \text{0} & \text{1} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

$\begin{array}{cccccc} \text{1} & \text{0} & \text{0} & \text{1} & \text{0} & \Delta \\ \text{q} & & & & & \text{q} \end{array}$

Third Mode - Sticheraric

3) Pa - Pa

10010	π_q
0010010	π_q
0100010	π_q
0010010	π_q
00100010	π_q

Third Mode - Sticheraric

4) Di - Ke

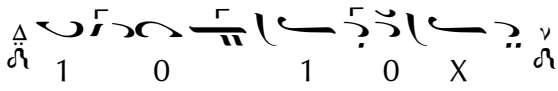
These formulae are preceded by a cadence on Di (section C2, C9, or E).
Formulae in section A) may also be used to go from Di to Ke.

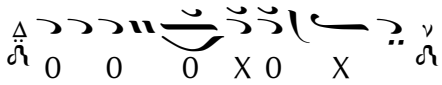
001	$\begin{array}{c} \Delta \\ \text{d} \end{array} \begin{array}{c} \curvearrowright \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{1} \end{array} \begin{array}{c} \text{—} \\ \text{q} \end{array}$
0001	$\begin{array}{c} \Delta \\ \text{d} \end{array} \begin{array}{c} \curvearrowright \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{1} \end{array} \begin{array}{c} \text{—} \\ \text{q} \end{array}$
0100	$\begin{array}{c} \Delta \\ \text{d} \end{array} \begin{array}{c} \curvearrowright \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{1} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{q} \end{array}$
X100	$\begin{array}{c} \Delta \\ \text{d} \end{array} \begin{array}{c} \text{—} \\ \text{X} \end{array} \begin{array}{c} \text{—} \\ \text{1} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{q} \end{array}$
X0001	$\begin{array}{c} \Delta \\ \text{d} \end{array} \begin{array}{c} \text{—} \\ \text{X} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{0} \end{array} \begin{array}{c} \text{—} \\ \text{1} \end{array} \begin{array}{c} \text{—} \\ \text{q} \end{array}$

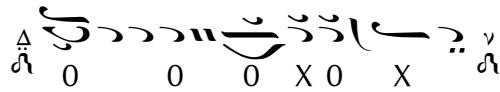
Third Mode - Sticheraric

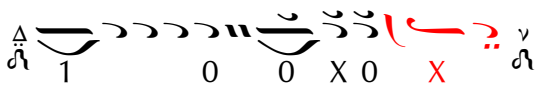
5) Di - Nee

These formulae are preceded by a cadence on Di (section C2, C9, or E). They may be followed by formulae from Pa.

1010X 

000X0X 

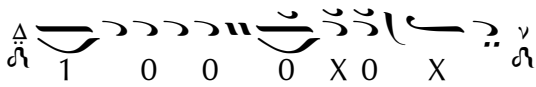


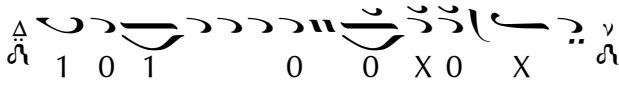
100X0X 



X000X0X 



1000X0X 

10100X0X 

6) Pa - Ga

These formulae must be followed by a cadence on Ke (section C8). These may also be used as initial formulae.

100	π q
0100	π q
X000	π q
01000	π q
001000	π q
000100	π q
0010000	π q
0100100	π q

7) Di - Ga

These formulae must be followed by a cadence on Ke (section C8).

00	
00X	
100	
X00	
10000	
0100000	

Third Mode - Sticheraric

8) Ga - Ke

These formulae must be preceded by a cadence on Ga (section C6 or C7).

10 $\Gamma \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\rhd} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

$\Gamma \overset{\sim}{\cup} \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\rhd} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

$\Gamma \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

$\Gamma \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\rhd} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

100 $\Gamma \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

10X $\Gamma \overset{\sim}{\cup} \underset{1}{\Gamma} \overset{\sim}{\rhd} \overset{\sim}{\cup} \underset{0}{\Gamma} \overset{\sim}{\cup} \underset{X}{\Gamma} \overset{\times}{\underset{\dot{q}}{\cup}}$

Third Mode - Sticheraric

9) Di - Di

These formulae are usually preceded by a formula in section C2.

010	
010X	
0100	
0001	
00010	
010001	
100100	

Third Mode - Sticheraric

10) Di - Pa

These formulae are preceded by a cadence on Di (section C2, C9, or E).

0010 $\overset{\Delta}{\underset{\delta}{\text{A}}} \underbrace{\text{---}}_0 \rightarrow \underbrace{\text{---}}_{0\ 1} \rightarrow \text{---} \rightarrow \overset{\pi}{\underset{q}{\text{---}}}$

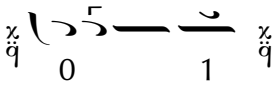
00010 $\overset{\Delta}{\underset{\delta}{\text{A}}} \underbrace{\text{---}}_0 \rightarrow \text{---} \rightarrow \overset{\Gamma}{\text{---}} \rightarrow \overset{\Gamma}{\text{---}} \rightarrow \underbrace{\text{---}}_0 \rightarrow \underbrace{\text{---}}_1 \rightarrow \text{---} \rightarrow \overset{\pi}{\underset{q}{\text{---}}}$

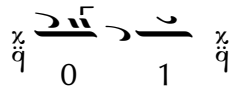
10010 $\overset{\Delta}{\underset{\delta}{\text{A}}} \overset{\Gamma}{\text{---}} \rightarrow \overset{\Gamma}{\text{---}} \rightarrow \overset{\Gamma}{\text{---}} \rightarrow \text{---} \rightarrow \underbrace{\text{---}}_1 \rightarrow \text{---} \rightarrow \text{---} \rightarrow \overset{\pi}{\underset{q}{\text{---}}}$

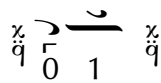
D) Medial Formulae: Ke - Ke

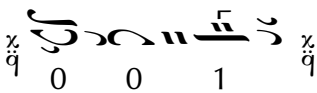
Some of these formulae may also be used as formulae from Pa to Ke.

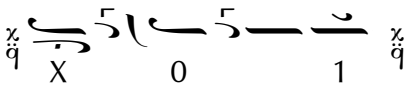
Accented on last syllable:

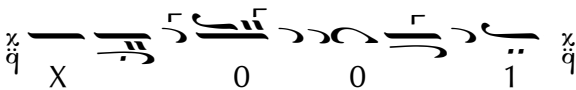
01 

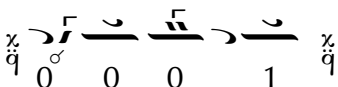


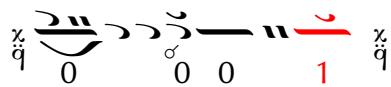


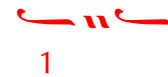
001 

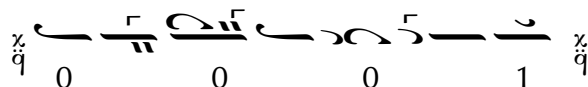
X01 

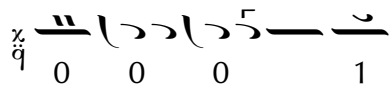
X001 

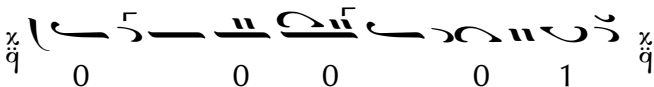
0001 

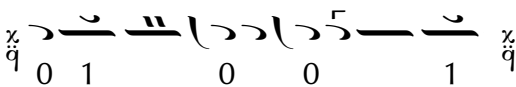




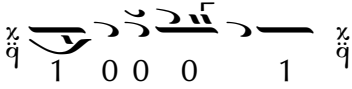
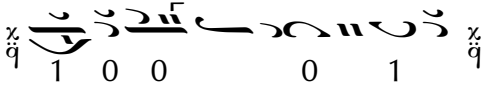
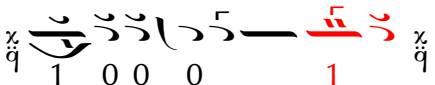

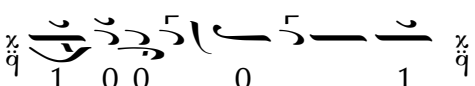
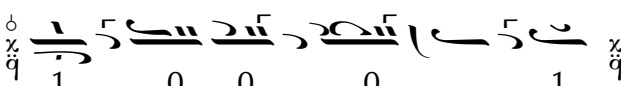
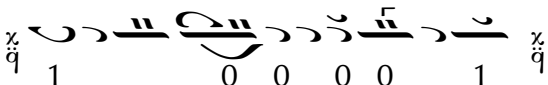


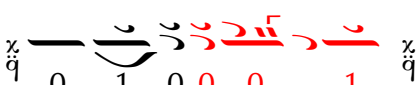
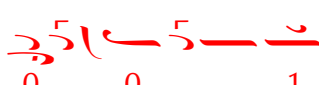
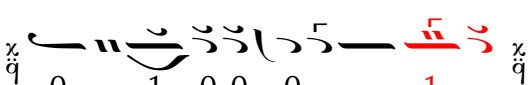

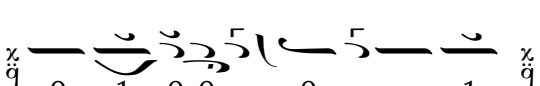
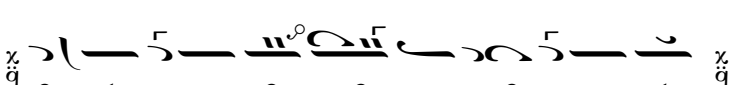

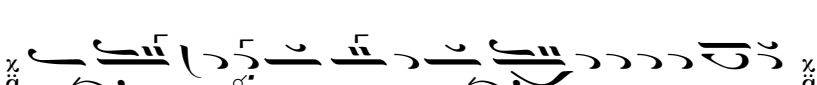




00001 

01001 

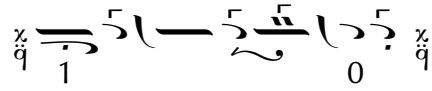
Third Mode - Sticheraric

10001	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{o}{q}$ $\frac{x}{q}$  $\frac{x}{q}$	
100001	$\frac{x}{q}$  $\frac{x}{q}$	
010001	$\frac{o}{q}$ $\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
10000X	$\frac{x}{q}$  $\frac{x}{q}$	
1000101	$\frac{x}{q}$  $\frac{x}{q}$	

Accented on second to last syllable:

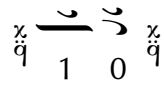
Third Mode - Sticheraric

10

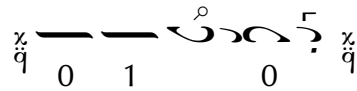
$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

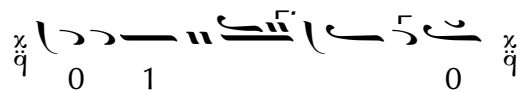
$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

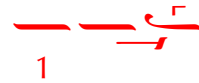
010

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

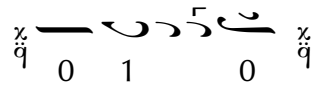


$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

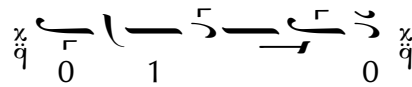
$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

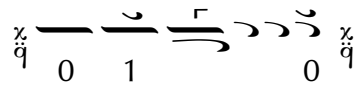
$\frac{x}{q}$ $\frac{x}{q}$

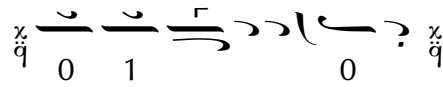
 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

$\frac{x}{q}$ $\frac{x}{q}$

 $\frac{x}{q}$

Third Mode - Sticheraric

	$\frac{x}{q}$		$\frac{x}{q}$		
	0	1	0		
0110	$\frac{x}{q}$		$\frac{x}{q}$		
	0	1	0		
0010	$\frac{x}{q}$		$\frac{x}{q}$		
	0	0	1	0	
	$\frac{x}{q}$		$\frac{x}{q}$		
	0	0	1	0	
	$\frac{x}{q}$		$\frac{x}{q}$		
	0	0	1	0	
X010	$\frac{x}{q}$		$\frac{x}{q}$		
	X	0	1	0	
	$\frac{x}{q}$		$\frac{x}{q}$		
	X	0	1	0	
	$\frac{x}{q}$		$\frac{x}{q}$		
	X	0	1	0	
	$\frac{x}{q}$		$\frac{x}{q}$		
	X	0	1	0	
01010	$\frac{x}{q}$		$\frac{x}{q}$		
	0	1	0	1	0
	$\frac{x}{q}$		$\frac{x}{q}$		
	0	1	0	1	0
10010	$\frac{x}{q}$		$\frac{x}{q}$		
	1	0	0	1	0
	$\frac{x}{q}$		$\frac{x}{q}$		
	1	0	0	1	0
	$\frac{x}{q}$		$\frac{x}{q}$		
	1	0	0	1	0
	$\frac{x}{q}$		$\frac{x}{q}$		
	1	0	0	1	0

Third Mode - Sticheraric

00010		
100010		
X00010		
010010		
0010010		
0100010		

Third Mode - Sticheraric

10010010	
01010010	
1010010010	

Accented on third to last syllable:

100	

Third Mode - Sticheraric

0100 $\frac{x}{q}$ 0 1 0 0 $\frac{x}{q}$

0 0
0

$\frac{x}{q}$ 0 1 0 0 $\frac{x}{q}$

010X $\frac{x}{q}$ 0 1 0 X $\frac{x}{q}$

$\frac{x}{q}$ 0 1 0 X $\frac{x}{q}$ $\frac{x}{q}$ X 1

10100 $\frac{x}{q}$ 1 0 1 0 0 $\frac{x}{q}$

$\frac{x}{q}$ 0

$\frac{x}{q}$ 1 0 1 0 0 $\frac{x}{q}$

00100 $\frac{x}{q}$ 0 0 1 0 0 $\frac{x}{q}$

$\frac{x}{q}$ 0 1

$\frac{x}{q}$ 0 0 1 0 0 $\frac{x}{q}$

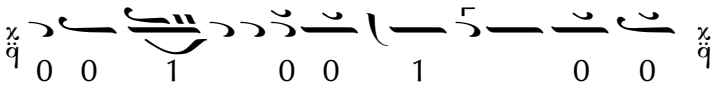
$\frac{x}{q}$ 0 0 1 0 0 $\frac{x}{q}$ $\frac{x}{q}$ 0

000100 $\frac{x}{q}$ 0 0 0 1 0 0 $\frac{x}{q}$

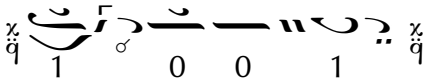
$\frac{x}{q}$ 0 0 0 1 0 0 $\frac{x}{q}$

010100 $\frac{x}{q}$ 0 1 0 1 0 0 $\frac{x}{q}$

Third Mode - Sticheraric

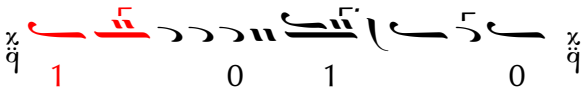
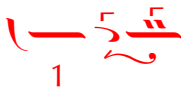
00100100 


Accented on fourth to last syllable:

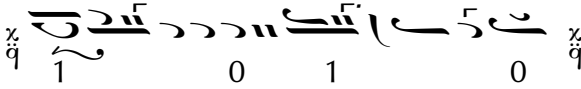
1001 


 

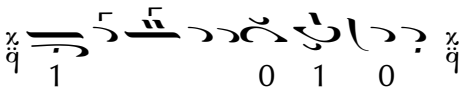
1010 

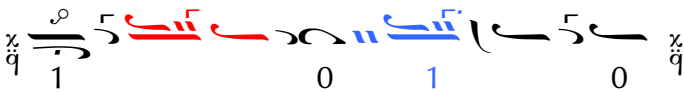
 















X010  

Third Mode - Sticheraric

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
1 0

01001

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 0 1

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1

01010

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 1 0

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 1 0

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 1 0

001010

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 0 1 0 1 0

0101010

ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
0 1 0 1 0 1 0

10001001

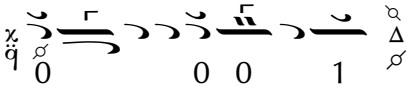
ⲓⲛⲁⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓⲛⲓ
1 0 0 0 1 0 0 1

E) Formulae Ke - Di

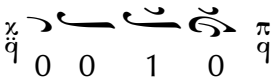
100	$\frac{x}{q}$ 1 0 0 $\frac{\Delta}{\delta}$	
100	$\frac{x}{q}$ 1 0 0 $\frac{\Delta}{\delta}$	
01001	$\frac{x}{q}$ 0 1 0 0 1 $\frac{\Delta}{\delta}$	
100100	$\frac{x}{q}$ 1 0 0 1 0 0 $\frac{\Delta}{\delta}$	
	$\frac{x}{q}$ 1 0 0 1 0 0 $\frac{\Delta}{\delta}$	 0
X0100100	$\frac{x}{q}$ X 0 1 0 0 1 0 0 $\frac{\Delta}{\delta}$	 0

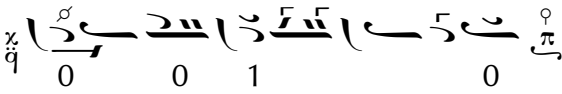
F) Formulae with fthores

Accented on last syllable:

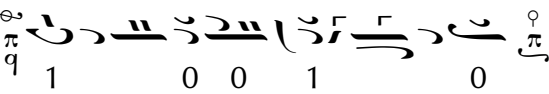
0001 

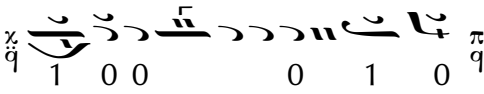
Accented on second to last syllable:

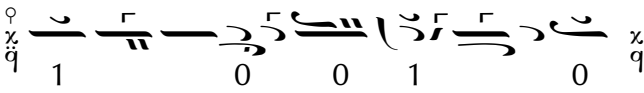
0010 

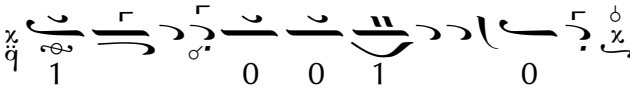


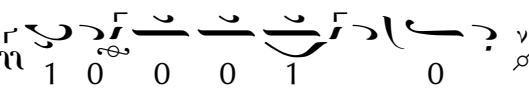
01X0 

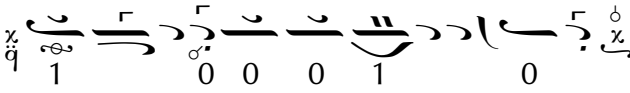
10010 

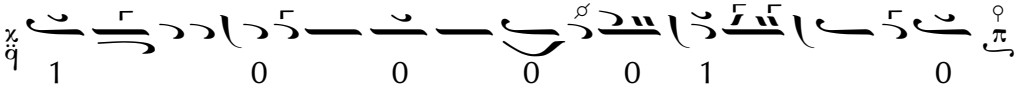






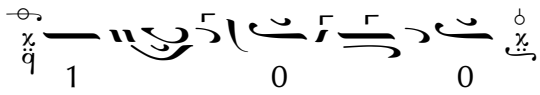
100010 

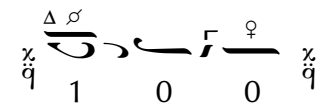


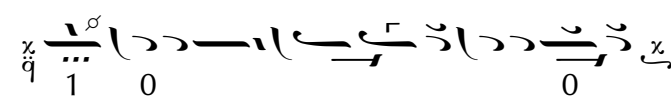
1000010 

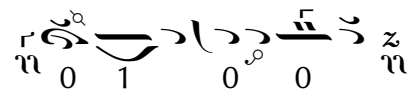
Accented on third to last syllable:


Third Mode - Sticheraric


100 

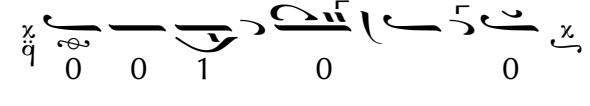
100 

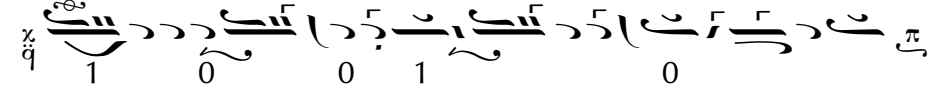
100 

0100 

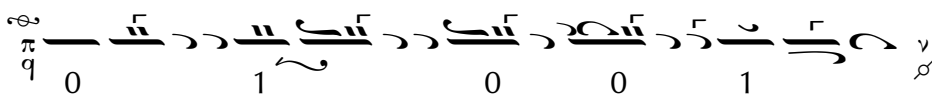
01X0 

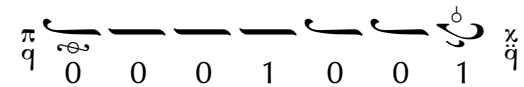
00100 



100100 

Accented on fourth to last syllable:

01001 

0001001 

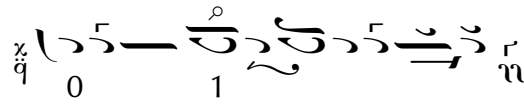
Third Mode - Sticheraric

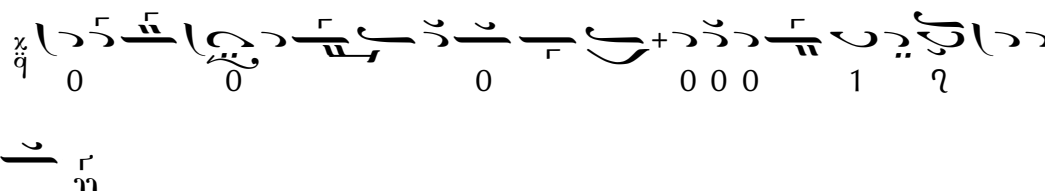
G) Old (slow) Sticheraric Formulae

(This section is noticeably briefer than the corresponding old sticheraric sections in other modes.

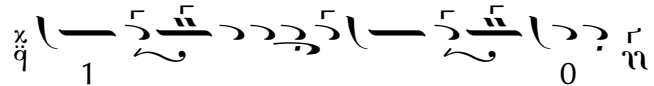
This is due to the fact that composers used very few elaborate formulae for melodies in third mode)

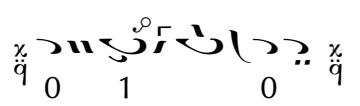
Accented on last syllable:

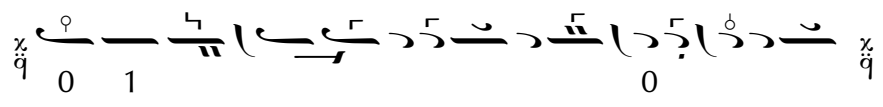
01 

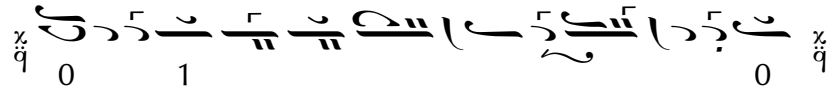
0001 

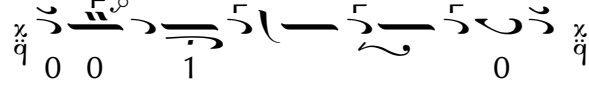
Accented on second to last syllable:

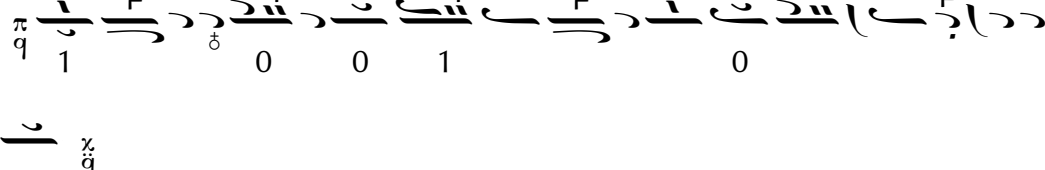
10 

010 

010 

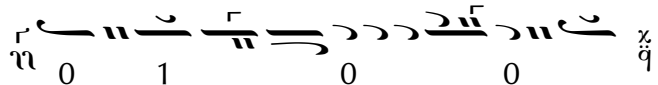
010 

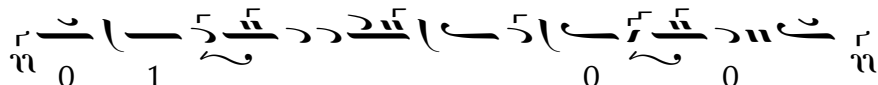
0010 

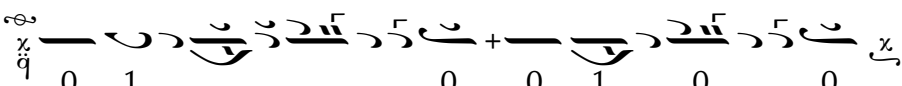
10010 

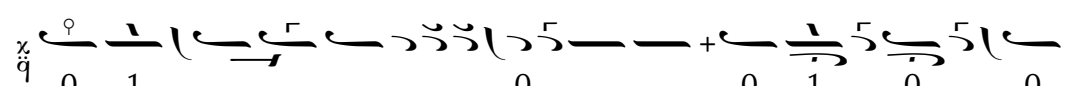
Third Mode - Sticheraric


Accented on third to last syllable:

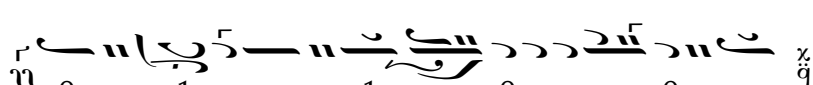
0100 

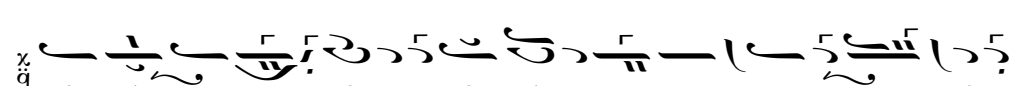
0100 

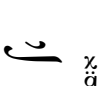
0100 

0100 

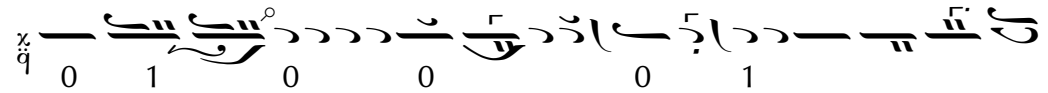


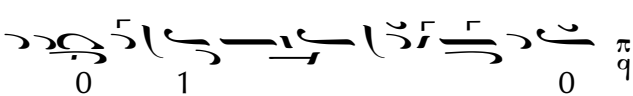
01100 

0100100 



Accented on fourth to last syllable:

010001010 



Third Mode - Sticheraric

I) Final Cadences: Ga - Ga

(to be preceded by a semi-final formula in section H)

10		
100		
1000		
1001		
00100		
00101		
10X0X		
X0100		
10100		

Third Mode - Sticheraric

001001

0 0 1 0 0 1

This block shows the musical notation for the sequence 001001. It consists of a staff with a treble clef and a key signature of one flat. The notes are: G4 (quarter), G4 (quarter), A4 (quarter with a fermata), G4 (quarter), F4 (quarter), G4 (quarter), and G4 (quarter). The notes are grouped into pairs: (G4, G4), (A4), (G4, F4), and (G4, G4). The first pair is beamed together, and the second pair is also beamed together. The third note has a fermata above it. The fourth and fifth notes are beamed together. The sixth and seventh notes are beamed together. The notes are numbered 0, 0, 1, 0, 0, 1 below the staff.

0 0 1 0 0 1

This block shows the musical notation for the sequence 001001. It consists of a staff with a treble clef and a key signature of one flat. The notes are: G4 (quarter), G4 (quarter), A4 (quarter with a fermata), G4 (quarter), F4 (quarter), G4 (quarter), and G4 (quarter). The notes are grouped into pairs: (G4, G4), (A4), (G4, F4), and (G4, G4). The first pair is beamed together, and the second pair is also beamed together. The third note has a fermata above it. The fourth and fifth notes are beamed together. The sixth and seventh notes are beamed together. The notes are numbered 0, 0, 1, 0, 0, 1 below the staff.

0 0 1 0 0 1

This block shows the musical notation for the sequence 001001. It consists of a staff with a treble clef and a key signature of one flat. The notes are: G4 (quarter), G4 (quarter), A4 (quarter with a fermata), G4 (quarter), F4 (quarter), G4 (quarter), and G4 (quarter). The notes are grouped into pairs: (G4, G4), (A4), (G4, F4), and (G4, G4). The first pair is beamed together, and the second pair is also beamed together. The third note has a fermata above it. The fourth and fifth notes are beamed together. The sixth and seventh notes are beamed together. The notes are numbered 0, 0, 1, 0, 0, 1 below the staff.

101001

1 0 1 0 0 1

This block shows the musical notation for the sequence 101001. It consists of a staff with a treble clef and a key signature of one flat. The notes are: A4 (quarter), G4 (quarter), A4 (quarter with a fermata), G4 (quarter), F4 (quarter), G4 (quarter), and G4 (quarter). The notes are grouped into pairs: (A4, G4), (A4), (G4, F4), and (G4, G4). The first pair is beamed together, and the second pair is also beamed together. The third note has a fermata above it. The fourth and fifth notes are beamed together. The sixth and seventh notes are beamed together. The notes are numbered 1, 0, 1, 0, 0, 1 below the staff.

1 0 1 0 0 1

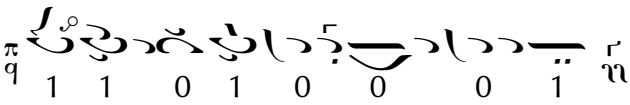
This block shows the musical notation for the sequence 101001. It consists of a staff with a treble clef and a key signature of one flat. The notes are: A4 (quarter), G4 (quarter), A4 (quarter with a fermata), G4 (quarter), F4 (quarter), G4 (quarter), and G4 (quarter). The notes are grouped into pairs: (A4, G4), (A4), (G4, F4), and (G4, G4). The first pair is beamed together, and the second pair is also beamed together. The third note has a fermata above it. The fourth and fifth notes are beamed together. The sixth and seventh notes are beamed together. The notes are numbered 1, 0, 1, 0, 0, 1 below the staff.

J) Other Final Cadences

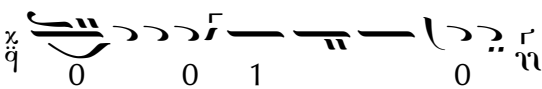
(not preceded by a semi-final formula in section H)

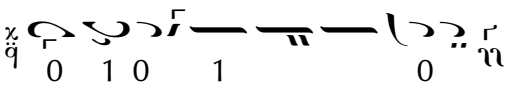
Accented on last syllable:

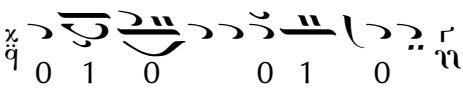
(Some formulae below ending in 100 may also be used here.)

11010001 


Accented on second to last syllable:


0010 

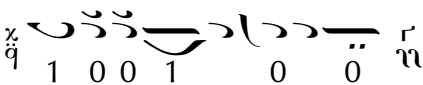
01010 

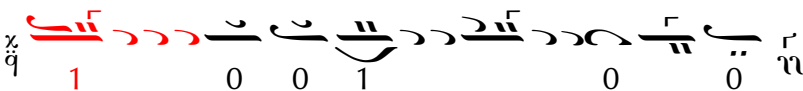
010010 

Accented on third to last syllable:

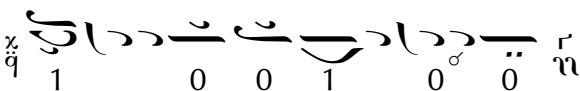
100100 











Third Mode - Sticheraric

$\begin{matrix} \times \\ \dot{q} \end{matrix}$

 1 0 0 1 0 0

0

01100100

$\begin{matrix} \times \\ \dot{q} \end{matrix}$

 0 1 1 0 0 1 0 0

10100100

$\begin{matrix} \times \\ \dot{q} \end{matrix}$

 1 0 1 0 0 1 0 0

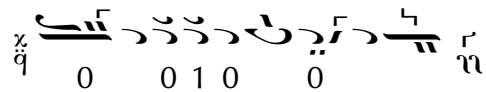
Accented on fourth to last syllable:

1001

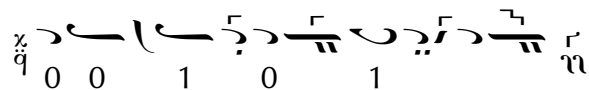
$\begin{matrix} \times \\ \dot{q} \end{matrix}$

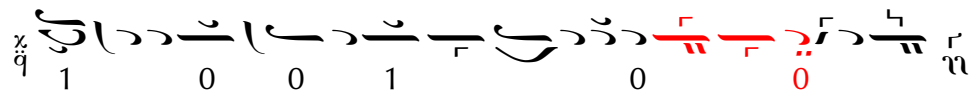
 1 0 0 1

K) Final Cadences for Theotokia

00100  $\frac{x}{q}$
 0 0 1 0 0


 0 0 1 0 0

00101  $\frac{x}{q}$
 0 0 1 0 1

100100  $\frac{x}{q}$
 1 0 0 1 0


 0