

BYZANTINE MUSIC FORMULAE

Plagal First Mode - Sticheraric

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* The Byzantine music formulae herein were extracted from sticheraric melodies found in the *Zoe Anastasi-matarion* (14th edition, 2002) Volume I of *Mousike Kypsele* (1883 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

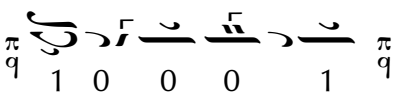
Variations of the same formula are indicated in color

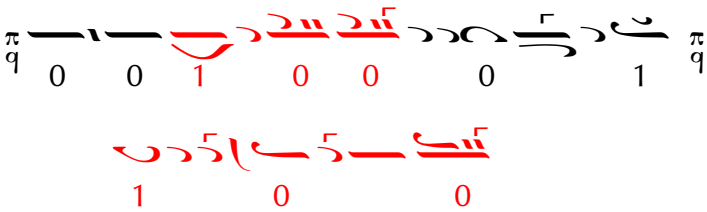
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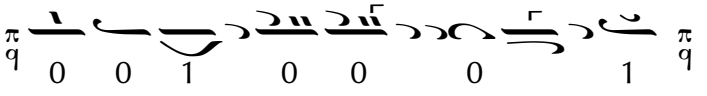
A) Medial Formulae Pa - Pa

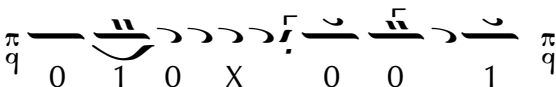
Some of these formulae may be used as initial formulae. There are not many formulae in this section, because melodic phrases in this mode infrequently begin and end on Pa.

Accented on last syllable:

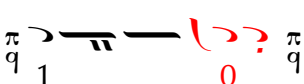



10001 


0010001 

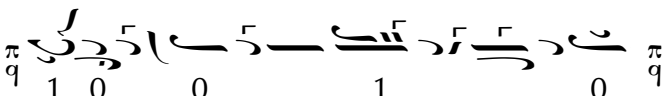
0010001 

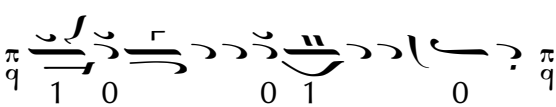
010X001 

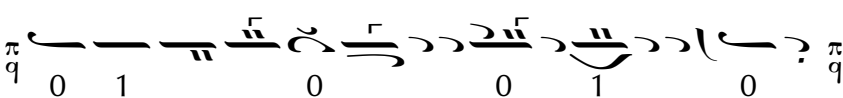
Accented on second to last syllable:

10    



10010 



010010 

Plagal First Mode - Sticheraric

00010010 π π π

Accented on third to last syllable:

100 π π

0100 π π π

00100 π π

010100 π π

1000100 π π

Accented on fourth to last syllable:

01001 π π

010X001 π π

B) Medial Formulae Pa - Di

This section is also almost empty, due to the infrequency of such melodic patterns in this mode.

Accented on last syllable:

0001 π
 $\begin{array}{cccc} \text{—} & \text{—} & \text{—} & \text{—} \\ \text{q} & \text{r} & \text{r} & \text{r} \\ 0 & 0 & 0 & 1 \end{array} \Delta$

Accented on second to last syllable:

00 π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 0 & 0 & \end{array}$

10 π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 1 & 0 & \end{array}$

10 π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 1 & 0 & \end{array}$

010 π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 0 & 1 & 0 \end{array}$

0010 π
 $\begin{array}{cccc} \text{—} & \text{—} & \text{—} & \Delta \\ \text{q} & & & \Delta \\ 0 & 0 & 1 & 0 \end{array}$

100010 π
 $\begin{array}{ccccccc} \text{—} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} & \Delta \\ \text{q} & & & & & & \Delta \\ 1 & 0 & 0 & 0 & 1 & 0 & \end{array}$

0100010 π
 $\begin{array}{ccccccc} \text{—} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} & \Delta \\ \text{q} & & & & & & \Delta \\ 0 & 1 & 0 & 0 & 0 & 1 & 0 \end{array}$

Accented on third to last syllable:

100 π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 1 & 0 & 0 \end{array}$

π
 $\begin{array}{ccc} \text{—} & \text{—} & \Delta \\ \text{q} & & \Delta \\ 1 & 0 & 0 \end{array}$

Plagal First Mode - Sticheric

000100 π
 $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{1}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\Delta}{\mathfrak{A}}$

0100100 π
 $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{1}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{1}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\Delta}{\mathfrak{A}}$

Accented on fourth to last syllable:

001001 π
 $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{1}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\Delta}{\mathfrak{A}}$

π
 $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{0}$ $\overset{\curvearrowright}{1}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\curvearrowright}{\text{—}}$ $\overset{\Delta}{\mathfrak{A}}$

C) Medial Formulae Pa - Ke

See also sections C1 and C2 for alternate ways the melody can move from Pa to Ke.
Formulae in section J may also be used by adding four to the interval of the first character.



























































Accented on last syllable:

0	$\pi_q \frac{\overset{\curvearrowright}{\text{—}}}{0} \frac{\times}{q}$	
01	$\pi_q \frac{\text{—}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\times}{q}$	
001	$\pi_q \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\text{〃}}{\text{—}}}{1} \frac{\times}{q}$	
10001	$\pi_q \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{0} \frac{\text{—}}{1} \frac{\times}{q}$	
10001	$\pi_q \frac{\text{—}}{1} \frac{\overset{\text{〃}}{\text{—}}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{0} \frac{\text{—}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\times}{q}$	$\frac{\overset{\curvearrowright}{\text{—}}}{0}$
10X01	$\pi_q \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\overset{\text{〃}}{\text{—}}}{0} \frac{\text{X}}{0} \frac{\text{—}}{0} \frac{\text{—}}{1} \frac{\times}{q}$	
010001	$\pi_q \frac{\text{—}}{0} \frac{\text{—}}{1} \frac{\overset{\text{〃}}{\text{—}}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{0} \frac{\text{—}}{0} \frac{\text{—}}{1} \frac{\times}{q}$	
0001001	$\pi_q \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\text{〃}}{\text{—}}}{1} \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\times}{q}$	
	$\pi_q \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\text{〃}}{\text{—}}}{1} \frac{\text{—}}{0} \frac{\text{—}}{0} \frac{\overset{\curvearrowright}{\text{—}}}{0} \frac{\text{—}}{1} \frac{\times}{q}$	

Accented on second to last syllable:

10	$\pi_q \frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\text{—}}{0} \frac{\times}{q}$	
	$\pi_q \frac{\text{—}}{1} \frac{\overset{\text{〃}}{\text{—}}}{0} \frac{\times}{q}$	$\frac{\overset{\curvearrowright}{\text{—}}}{1} \frac{\overset{\text{〃}}{\text{—}}}{0} \frac{\text{—}}{0}$

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	π q		x q				
		1	0				
010	π q				x q		
		0	1	0			
	π q				x q		
		0	1	0			
	π q				x q		
		0	1	0			
X10	π q				x q		
		X	1	0			
0010	π q					x q	
		0	0	1	0		
	π q					x q	
		0	0	1	0		
	π q					x q	
		0	0	1	0		
	π q					x q	
		0	0	1	0		
	π q					x q	
		0	0	1	0		
10010	π q						x q
		1	0	0	1	0	
	π q						x q
		1	0	0	1	0	
	π q						x q
		1	0	0	1	0	
010010	π q						x q
		0	1	0	0	0	
	π q						x q
		0	1	0	0	0	

Plagal First Mode - Sticheraric

100010 π
 $\begin{array}{cccccc} \text{q} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} \\ & 1 & 0 & 0 & 0 & 1 & 0 \end{array}$ $\frac{x}{q}$

0100010 π
 $\begin{array}{cccccc} \text{q} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} \\ & 0 & 1 & 0 & 0 & 0 & 1 & 0 \end{array}$ $\frac{x}{q}$

000100010 π
 $\begin{array}{cccccc} \text{q} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} \\ & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 1 & 0 \end{array}$ $\frac{x}{q}$

Accented on third to last syllable:

100 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & 1 & 0 & 0 \end{array}$ $\frac{x}{q}$ $\begin{array}{cc} \text{—} & \text{—} \\ 0 & 0 \end{array}$

X10 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & X & 1 & 0 \end{array}$ $\frac{x}{q}$

0100 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & 0 & 1 & 0 & 0 \end{array}$ $\frac{x}{q}$

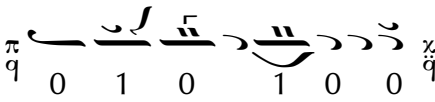
X100 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & X & 1 & 0 & 0 \end{array}$ $\frac{x}{q}$ $\begin{array}{c} \text{—} \\ 0 \end{array}$


00100 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & 0 & 0 & 1 & 0 & 0 \end{array}$ $\frac{x}{q}$

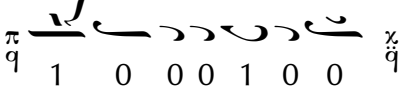
10100 π
 $\begin{array}{ccc} \text{q} & \text{—} & \text{—} \\ & 1 & 0 & 1 & 0 & 0 \end{array}$ $\frac{x}{q}$ $\begin{array}{c} \text{—} \\ 0 \end{array}$


π
 $\begin{array}{cccccc} \text{q} & \text{—} & \text{—} & \text{—} & \text{—} & \text{—} \\ & 0 & 0 & 1 & 0 & 0 & 0 \end{array}$ $\frac{x}{q}$

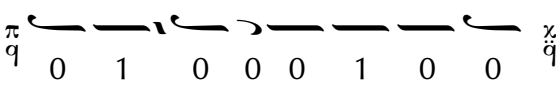
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010100 π_q  $\frac{x}{q}$

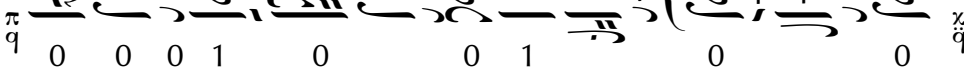
0100100 π_q  $\frac{x}{q}$

1000100 π_q  $\frac{x}{q}$

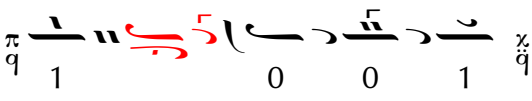

00100100 π_q  $\frac{x}{q}$

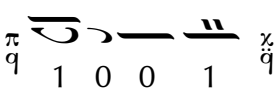
01000100 π_q  $\frac{x}{q}$

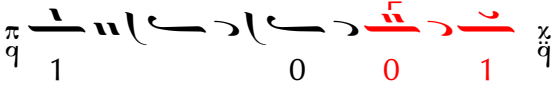
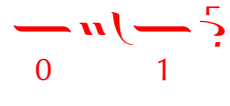
010100100 π_q  $\frac{x}{q}$

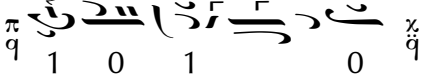
000100100 π_q  $\frac{x}{q}$

Accented on fourth to last syllable:

1001 π_q  $\frac{x}{q}$ 

π_q  $\frac{x}{q}$

1010 π_q  $\frac{x}{q}$ 

1010 π_q  $\frac{x}{q}$

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	π		$\frac{x}{q}$
	q	1 0 1 0	q
X100	π		$\frac{x}{q}$
	q	X 1 0 0	q
01001	π		$\frac{x}{q}$
	q	0 1 0 0 1	q
	π		$\frac{x}{q}$
	q	0 1 0 0 1	q
001001	π		$\frac{x}{q}$
	q	0 0 1 0 0 1	q
1001001	π		$\frac{x}{q}$
	q	1 0 0 1 0 0 1	q
010001001	π		$\frac{x}{q}$
	q	0 1 0 0 0 1 0 0 1	q

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C1) Medial Formulae Pa - Vou

These melodies must be followed by a formula in the following section (ending on Ke)

Two syllables:

00 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

10 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overset{6}{\lambda}$

Three syllables:

000 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

$\overbrace{\quad} \overset{6}{\lambda}$

010 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

100 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

$\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

Four syllables:

0000 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

0100 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

0010 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

Five syllables:

01000 $\begin{array}{c} \pi \\ \eta \end{array} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overbrace{\quad} \overset{6}{\lambda}$

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C2) Medial Formulae Vou - Ke

These melodies must be preceded by a formula in the previous section (ending on Vou)

Accented on last syllable:

01 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$ 

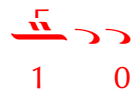
Accented on second to last syllable:

010 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$  

$\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

X010 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{---} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

Accented on third to last syllable:

0100 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$ 

$\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

$\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

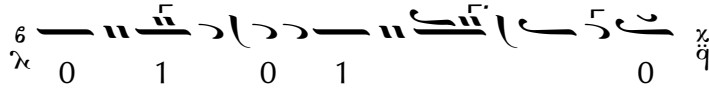
0101 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \text{---} \overset{\color{red}{\curvearrowright}}{\color{red}{1}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

Accented on fourth to last syllable:

X010 $\begin{array}{c} \overset{6}{\gamma} \\ \hline \end{array} \text{---} \text{---} \text{---} \text{"} \overset{\color{red}{\curvearrowright}}{\color{red}{0}} \overset{\color{red}{\curvearrowright}}{\color{red}{q}}$

Plagal First Mode - Sticheraric

01010



D) Medial Formulae Pa - High Nee

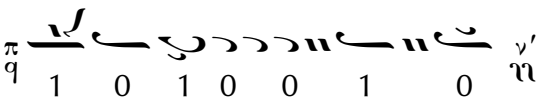
These must be followed by a formula in section L1 or L2.

Accented on last syllable:

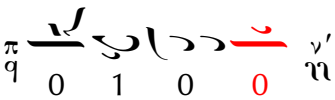

(Use a formula below ending in 100 or 1001)

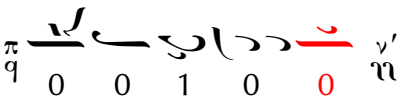

Accented on second to last syllable:

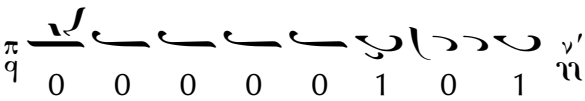
10010 π_q  

1010010 π_q 

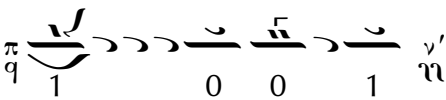
Accented on third to last syllable:


0100 π_q  

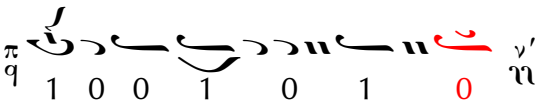

00100 π_q  

00000101 π_q 

Accented on fourth to last syllable:

1001 π_q 

0001010 π_q 

1001010 π_q  

E) Medial Formulae Di - Pa

Accented on last syllable:

00X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

0 0 X 0 X

00X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

0 0 X 0 X

10X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

1 0 X 0 X

010X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

0 1 0 X 0 X

0010X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

0 0 1 0 X 0 X

1010X0X $\overset{\Delta}{\delta} \overset{\pi}{\rho}$

1 0 1 0 X 0 X

Plagal First Mode - Sticheraric

Accented on second to last syllable:

0010	 Δ δ 0 0 1 0 π q
	 Δ δ 0 0 1 0 π q
	 Δ δ 0 0 1 0 π q
00010	 Δ δ 0 0 0 1 0 π q
100010	 Δ δ 1 0 0 0 1 0 π q
010010	 Δ δ 0 1 0 0 1 0 π q
	 δ 1 0 0
0X0X010	 Δ δ 0 X 0 X 0 1 0 π q
	 δ 0 X 0
	 δ 0 X 0
1X0X010	 Δ δ 1 X 0 X 0 1 0 π q
	 δ X 0 0
00010010	 Δ δ 0 0 0 1 0 0 1 0 π q

Plagal First Mode - Sticheric

00100010

0 0 1 0 0 0 1 0

00X0X010

0 0 X 0 X 0 1 0

0 X 0

0 X 0

01X0X010

0 1 X 0 X 0 1 0

X 0 0

010X0X010

0 1 0 X 0 X 0 1 0

0 X 0

0 X 0

Accented on third to last syllable:

0100

0 1 0 0

1

00100

0 0 1 0 0

00100


0 0 1 0 0

Plagal First Mode - Sticheraric

	Δ		π	
	δ	0 0 1	0	0
01100	Δ		π	
	δ	0 1	1	0
10100	Δ		π	
	δ	1 0 1	0	0
				0 1
00X0X	Δ		π	
	δ	0 0 X	0	X
00X0X	Δ		π	
	δ	0 0 X	0	X
		0 0		
		0 0		
000100	Δ		π	
	δ	0 0 0 1	0	0
X00100	Δ		π	
	δ	X	0 0 1	0 0
010010X	Δ		π	
	δ	0 1 0 0 1	0	X
		0		
0010100	Δ		π	
	δ	0 0 1 0	1	0

Plagal First Mode - Sticheraric

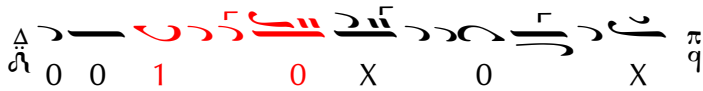
010010X

Δ  π ₉

0 1 0 0 1 0 X



0010X0X

Δ  π ₉

0 0 1 0 X 0 X



1 0

1010X0X


Δ  π ₉

1 0 1 0 X 0 X



1 0

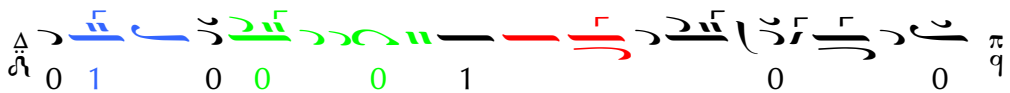
1010010X

Δ  π ₉

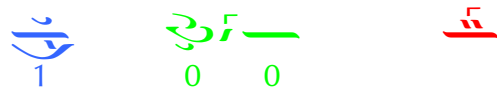
1 0 1 0 0 1 0 X



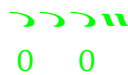
01000100

Δ  π ₉

0 1 0 0 0 1 0 0

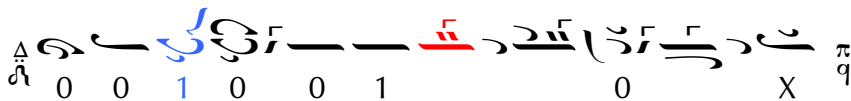


1 0 0



0 0

0010010X

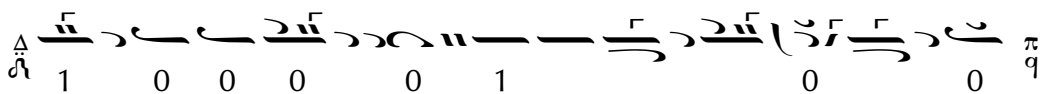
Δ  π ₉

0 0 1 0 0 1 0 X



1

10000100

Δ  π ₉

1 0 0 0 0 1 0 0

Plagal First Mode - Sticheraric

X0001100100 Δ π
 X 0 0 0 1 1 0 0 1 0 X

Accented on fourth to last syllable:

1001 Δ π
 1 0 0 1

10XX Δ π
 1 0 X X

Δ π
 1 0 0 0 1

01001 Δ π
 0 1 0 0 1

10001 Δ π
 1 0 0 0 1

01010 Δ π
 0 1 0 1 0 1 0

001001 Δ π
 0 0 1 0 0 0 1 1

Δ π
 0 0 1 0 0 0 1

0 0

0 0 0 0

001010 Δ π
 0 0 1 0 1 0

Plagal First Mode - Sticheraric

101010

1 0 1 0 1 0

0001001

0 0 0 1 0 0 1

1001001

1 0 0 1 0 0 1

X001001

X 0 0 1 0 0 1

0X01010

0 X 0 1 0 1 0

0X0X010

0 X 0 1 0

1X0X010

1 X 0 X 0 1 0

01X01010

0 1 X 0 1 0 1 0

Plagal First Mode - Sticheraric

01001001

0 1 0

0 1 0

Δ

0 1 0 0 1 0 0 1 π

1

0

01001001

Δ

0 1 0 0 1 0 0 1 π

10X01010

Δ

1 0 X 0 1 0 1 0 π

0 1 0

0 1 0

00X0X010

Δ

0 0 X 0 X 0 1 0 π

0 X 0

0 X 0

01X0X010

Δ

0 1 X 0 X 0 1 0 π

X

0 0

010001001

Δ

0 1 0 0 0 1 0 0 1 π

Plagal First Mode - Sticheraric

101001001

Δ
 δ 1 0 1 0 0 1 0 0 1 π_q

001001001

Δ
 δ 0 0 1 0 0 1 0 0 1 π_q

010X0X010

Δ
 δ 0 1 0 X 0 X 0 1 0 π_q

0 X 0

0 X 0

F) Medial Formulae Di - Di

Accented on last syllable:

00		
001		
0X01		
0001		
X0001		
10001		
10X0X		
010001		
0010001		
01000X01		
000100100		

Plagal First Mode - Sticheraric

010100		
100100		
0000100		
0100100		
1000100		
00010100		

Plagal First Mode - Sticheraric

010010100 $\overset{\Delta}{\text{A}}$ — $\overset{\Delta}{\text{A}}$ 0 1 0 0 1 0 1 $\overset{\Delta}{\text{A}}$ $\overset{\Delta}{\text{A}}$ 0 0 $\overset{\Delta}{\text{A}}$

Accented on fourth to last syllable:

1001 $\overset{\Delta}{\text{A}}$ $\overset{\Delta}{\text{A}}$ 1 0 0 1 $\overset{\Delta}{\text{A}}$ $\overset{\Delta}{\text{A}}$ 1

$\overset{\Delta}{\text{A}}$ — $\overset{\Delta}{\text{A}}$ 1 0 0 1 $\overset{\Delta}{\text{A}}$

1010 $\overset{\Delta}{\text{A}}$ 1 0 1 0 $\overset{\Delta}{\text{A}}$

$\overset{\Delta}{\text{A}}$ 1 0 1 0 $\overset{\Delta}{\text{A}}$

01001 $\overset{\Delta}{\text{A}}$ 0 1 0 0 1 $\overset{\Delta}{\text{A}}$

01010 $\overset{\Delta}{\text{A}}$ 0 1 0 1 0 $\overset{\Delta}{\text{A}}$

$\overset{\Delta}{\text{A}}$ 0 1 0 1 0 $\overset{\Delta}{\text{A}}$

001001 $\overset{\Delta}{\text{A}}$ 0 0 1 0 0 1 $\overset{\Delta}{\text{A}}$

001010 $\overset{\Delta}{\text{A}}$ 0 0 1 0 1 0 $\overset{\Delta}{\text{A}}$

$\overset{\Delta}{\text{A}}$ 0 0 1 0 1 0 $\overset{\Delta}{\text{A}}$

0001010 $\overset{\Delta}{\text{A}}$ 0 0 0 1 0 1 0 $\overset{\Delta}{\text{A}}$

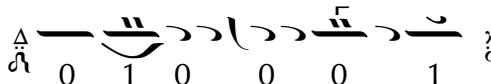
Plagal First Mode - Sticheraric

G) Medial Formulae Di - Ke

This section is small, because melodies in this mode rarely move from Di to Ke.

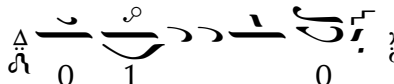
Accented on last syllable:

0 Δ  0

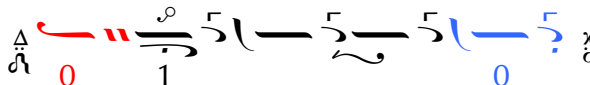
010001 Δ  0 1 0 0 0 1

Accented on second to last syllable:

010 Δ  0 1 0

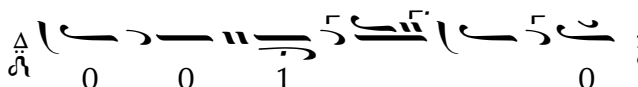
Δ  0 1 0

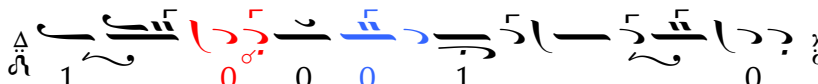
Δ  0 1 0

Δ  0 1 0

 0 0

Δ  0 1 0

0010 Δ  0 0 1 0

100010 Δ  1 0 0 0 1 0

 0 0

Plagal First Mode - Sticheraric

100010

100010

Accented on third to last syllable:

0100

01000100

Accented on fourth to last syllable:

0001010

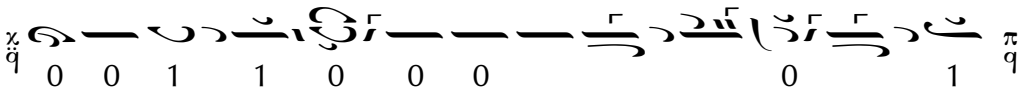
0001010

Plagal First Mode - Sticheraric

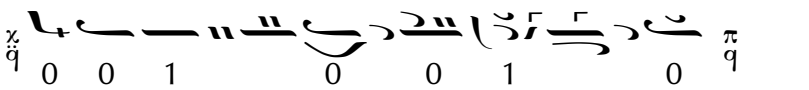
H) Medial Formulae Ke - Pa

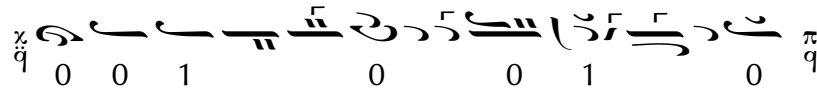
This section is almost empty, because melodies in this mode usually pause at Di before descending to Pa.

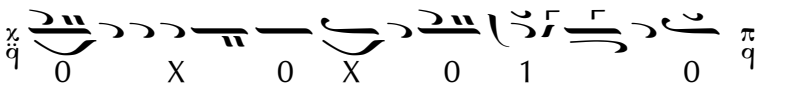
Accented on last syllable:

001100001 

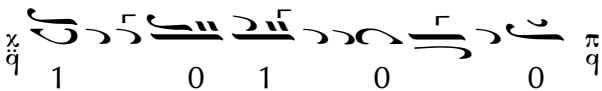
Accented on second to last syllable:

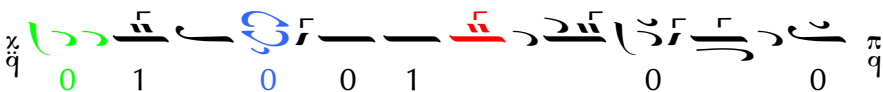
0010010 

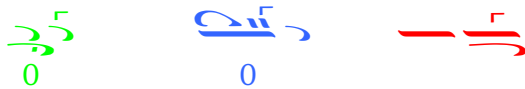


0X0X010 

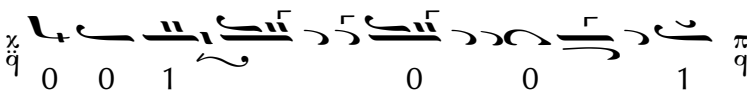
Accented on third to last syllable:


10100 

0100100 



Accented on fourth to last syllable:

001001 

011001 

Plagal First Mode - Sticheraric

0X0X010

01001001

The image displays musical notation for the Plagal First Mode in Sticheraric style. It consists of two rows of notes, each with a rhythmic value below it. The first row is labeled '0X0X010' and the second row is labeled '01001001'. The notes are color-coded: green for '0', blue for '0', and red for '1'. The notation includes various rhythmic values (0, 1, X) and a final note with a 'π' symbol.

0 1 0 0 1 0 0 1

0 0

I) Medial Formulae Ke - Di

Accented on last syllable:

0 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 \mathfrak{A}

01 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 1 \mathfrak{A}

000 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 0 \mathfrak{A}

001 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 1 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 1 \mathfrak{A}

0001 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 0 1 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 0 1 \mathfrak{A}

00101 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 1 0 1 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 0 0 1 0 1 \mathfrak{A}

10001 $\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 1 0 0 0 1 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 1 0 0 0 1 \mathfrak{A}

$\overset{\times}{\underset{\cdot}{q}} \curvearrowright \overset{\Delta}{\mathfrak{A}}$
 1 0 0 0

Plagal First Mode - Sticheraric

100001 $\begin{matrix} \text{x} \\ \text{q} \end{matrix} \overset{\circ}{\text{—}} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0} \text{0} \text{0} \text{0} \text{1}$

0010001 $\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{0} \text{0} \text{1} \text{0} \text{0} \text{0} \text{1}$ $\begin{matrix} \text{—} \text{—} \text{—} \\ \text{1} \text{0} \end{matrix}$

100100100X01 $\begin{matrix} \text{x} \\ \text{q} \end{matrix} \overset{\circ}{\text{—}} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0} \text{0} \text{1} \text{0} \text{0} \text{1} \text{0} \text{0} \text{X} \text{0} \text{1}$

Accented on second to last syllable:

10 $\begin{matrix} \text{x} \\ \text{q} \end{matrix} \overset{\circ}{\text{—}} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0}$

$\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0}$

$\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0}$

$\begin{matrix} \text{x} \\ \text{q} \end{matrix} \overset{\circ}{\text{—}} \text{—} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{1} \text{0}$

$\begin{matrix} \text{—} \text{—} \text{—} \\ \text{0} \end{matrix}$

$\begin{matrix} \text{—} \text{—} \text{—} \\ \text{0} \end{matrix}$

$\begin{matrix} \text{—} \\ \text{0} \end{matrix}$

010 $\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{0} \text{1} \text{0}$

$\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{0} \text{1} \text{0}$

$\begin{matrix} \text{x} \\ \text{q} \end{matrix} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \text{—} \overset{\Delta}{\text{—}} \\ \text{0} \text{1} \text{0}$

Plagal First Mode - Sticheraric

	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
00010010	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
10010010	$\begin{array}{c} \circ \\ \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
000010010	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
100010010	$\begin{array}{c} \circ \\ \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
000100010	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
0000100010	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
100100100010	$\begin{array}{c} \circ \\ \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$

Accented on third to last syllable:

100	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$
0100	$\begin{array}{c} \times \\ \text{q} \end{array}$		$\begin{array}{c} \Delta \\ \text{A} \end{array}$

Plagal First Mode - Sticheraric

0 1 0 0

0 1 0 0

0 1 0 0

0101

0 1 0 1

00100

0 0 1 0 0

0

0 0 1 0 0

1 0

00101

0 0 1 0 1

0 0 1 0 1

10100

1 0 1 0 0

000100

0 0 0 1 0 0

0

0 0 0 1 0 0

0X0100

0 X 0 1 0 0

100100

1 0 0 1 0 0

1 0 0 1 0 0

1 0 0 1 0 0

Plagal First Mode - Sticheraric

100110

0000100

0010100

00010100

100100100100100

Accented on fourth to last syllable:

1010

001001

0001010

00001010

1000001010

100100101010

J) Medial Formulae Ke - Ke

Many of these formulae may be used as Pa-Ke formula simply by prefixing them with a jump of five or by adding five to the first character.

Accented on last syllable:

01		
11		
001		
0001		
0001		
X001		

Plagal First Mode - Sticheraric

1001

1 0 0 1

0 0 1

0 0 1

0 1

X0001

X 0 0 0 1

X 0 0 0 1

0 1

0 1

10001

1 0 0 0 1

1 0 0 0 1

1 0 0 0 1

1 0 0 0 1

1

10X0X

1 0 X 0 X

1 0 X 0 X

0 X

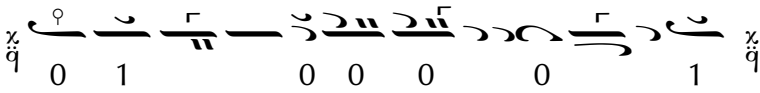
0010001

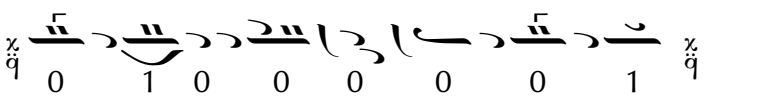
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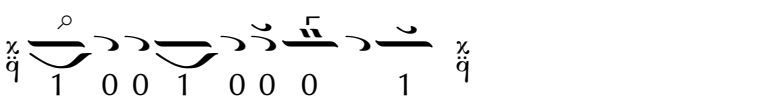
0 0 1 0 0 0 1

1

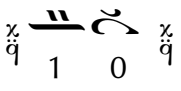
Plagal First Mode - Sticheraric

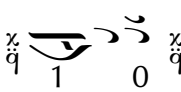
0100001 

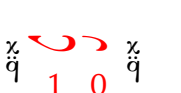
01000001 

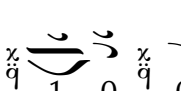
10010001 

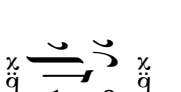
Accented on second to last syllable:

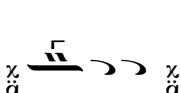
10 

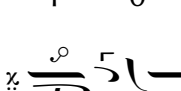


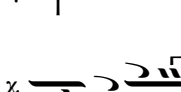


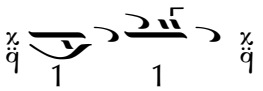


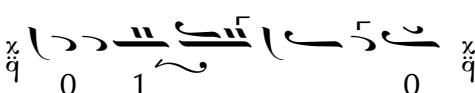











11 

010 







Plagal First Mode - Sticheraric

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

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

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

0

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

110

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

0010

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

0

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

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

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

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

0

X010

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

10010

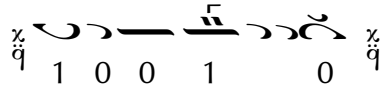
$\frac{x}{q}$ $\frac{x}{q}$
1 0 0 1 0

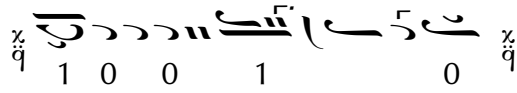
$\frac{x}{q}$ $\frac{x}{q}$
1 0 0 1 0

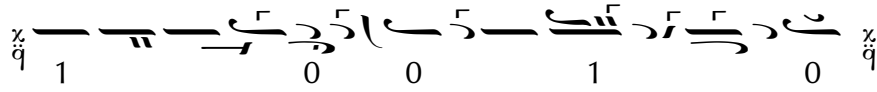
1 0

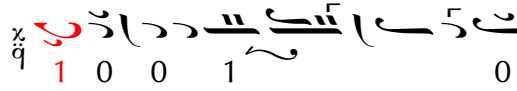


$\frac{x}{q}$ $\frac{x}{q}$
1 0 0 1 0

Plagal First Mode - Sticheraric

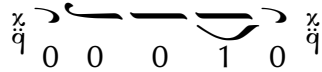
$\frac{x}{q}$  $\frac{x}{q}$
1 0 0 1 0

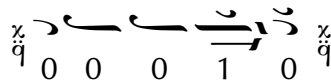
$\frac{x}{q}$  $\frac{x}{q}$
1 0 0 1 0

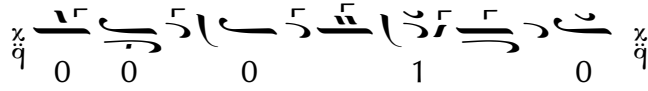
$\frac{x}{q}$  $\frac{x}{q}$
1 0 0 1 0

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

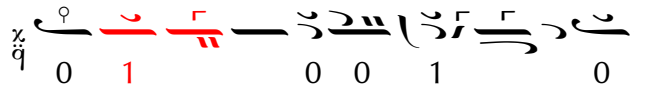

00010



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

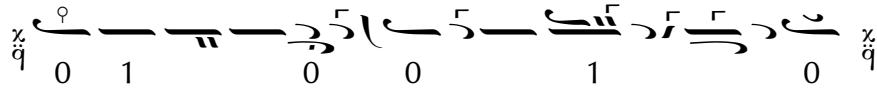
$\frac{x}{q}$  $\frac{x}{q}$
0 0 0 1 0

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

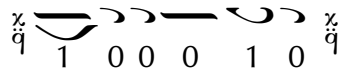
010010

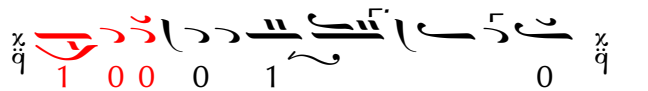

$\frac{x}{q}$  $\frac{x}{q}$ 
0 1 0 0 1 0 1

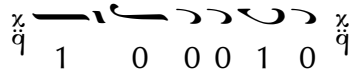
$\frac{x}{q}$  $\frac{x}{q}$ 
0 1 0 0 1 0 0 0

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

100010

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

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

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

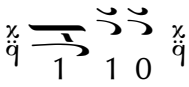
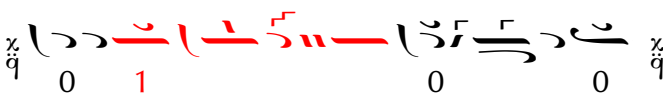



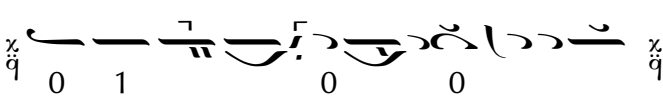
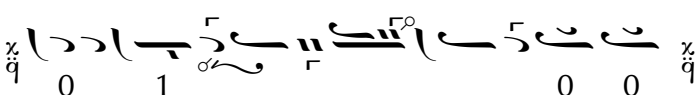
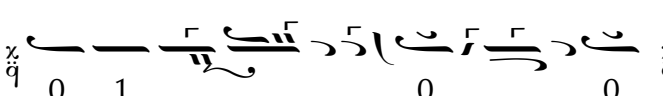



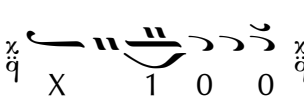
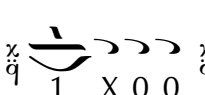



Plagal First Mode - Sticheraric

10X010	
0100010	
01000010	
00010010	
000100010	

Accented on third to last syllable:

100		
101		

Plagal First Mode - Sticheraric

110	$\frac{x}{q}$  $\frac{x}{q}$	
0100	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
	$\frac{x}{q}$  $\frac{x}{q}$	
		
X100	$\frac{x}{q}$  $\frac{x}{q}$	
1X00	$\frac{x}{q}$  $\frac{x}{q}$	
00100	$\frac{x}{q}$  $\frac{x}{q}$	
X0100	$\frac{x}{q}$  $\frac{x}{q}$	

Plagal First Mode - Sticheraric

10100	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
10X0X	$\frac{x}{q}$ $\frac{x}{q}$	
000100	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
010100	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
100100	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
	$\frac{x}{q}$ $\frac{x}{q}$	
0100100	$\frac{x}{q}$ $\frac{x}{q}$	

Plagal First Mode - Sticheric

1000100 $\frac{x}{q}$ — 1 0 0 0 1 — 0 0 $\frac{x}{q}$

X100100 $\frac{x}{q}$ X 1 0 0 1 — 0 0 $\frac{x}{q}$

0 0 0 0 0 0

1 0 0

00100100 $\frac{x}{q}$ 0 0 1 0 0 1 — 0 0 $\frac{x}{q}$

0 0 0 0 0 0

01000100 $\frac{x}{q}$ 0 1 0 0 0 1 0 0 $\frac{x}{q}$

001000100 $\frac{x}{q}$ 0 0 1 0 0 0 1 — 0 0 $\frac{x}{q}$

0 0 0 0 0

0 0

Accented on fourth to last syllable:

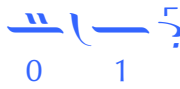
X001 $\frac{x}{q}$ X 0 0 1 $\frac{x}{q}$

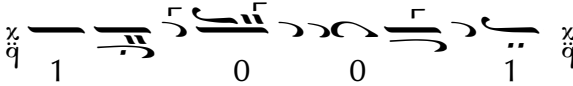
0 0 1

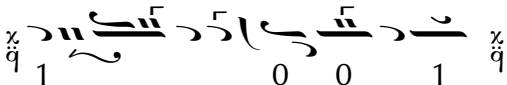
0 0 1

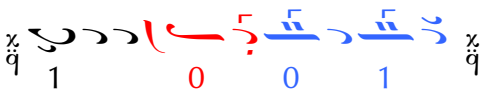
Plagal First Mode - Sticheraric

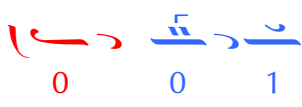
1001









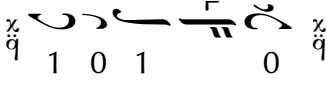


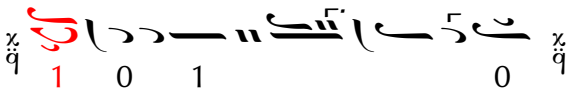





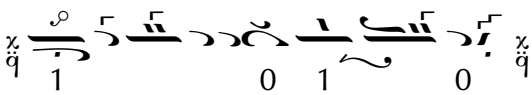


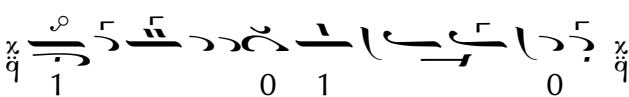
1010



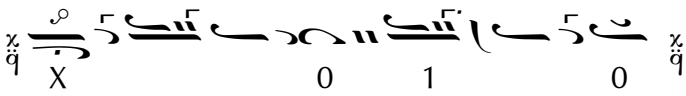









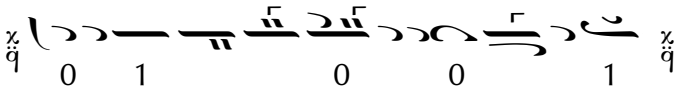
X010





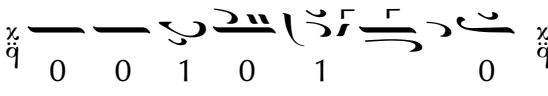
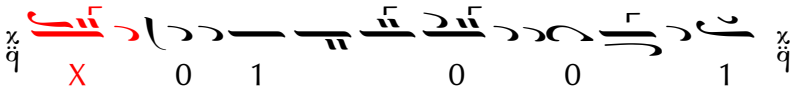

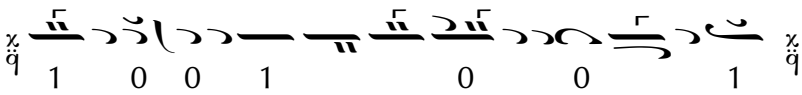
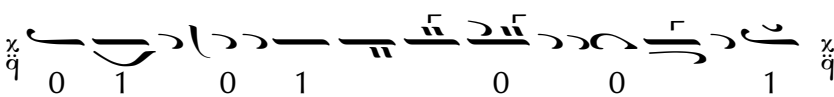
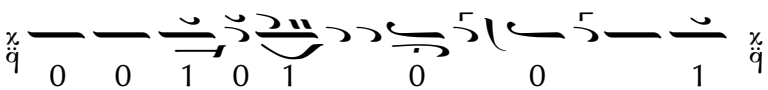
1X00



01001



Plagal First Mode - Sticheraric

	$\frac{x}{q}$  $\frac{x}{q}$	
001010	$\frac{x}{q}$  $\frac{x}{q}$	
X01001	$\frac{x}{q}$  $\frac{x}{q}$	
1001001	$\frac{x}{q}$  $\frac{x}{q}$	
0101001	$\frac{x}{q}$  $\frac{x}{q}$	
00101001	$\frac{x}{q}$  $\frac{x}{q}$	

K) Medial Formulae Ke - High Nee

These must be followed by a formula in section L1 or L2.

Accented on last syllable:

0001			
10001			
010001			
010001			
0100X0X			
00010001			
0001000100			

Accented on second to last syllable:

00	
----	--

Plagal First Mode - Sticheraric

Accented on fourth to last syllable:

1001 $\overset{x}{\underset{q}{\bar{\cup}}} \overset{\Gamma}{\bar{\cup}} \rightarrow \rightarrow \overset{\Gamma}{\bar{\cup}} \rightarrow \bar{\cup} \overset{v'}{u}$

01001 $\overset{x}{\underset{q}{\bar{\cup}}} \overset{\omega}{\bar{\cup}} \rightarrow \rightarrow \overset{\Gamma}{\bar{\cup}} \rightarrow \bar{\cup} \overset{v'}{u}$

L1) Medial Formulae High Nee - High Nee

0001 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \overset{\gamma'}{\alpha}$

0010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma'}{\alpha}$

0100 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma'}{\alpha}$

$\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma'}{\alpha}$

L2) Medial Formulae High Nee - Ke

Accented on last syllable:

(Use a formula below ending in X0X)

Accented on second to last syllable:

0010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma}{\alpha}$

0010010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma}{\alpha}$

$\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \overset{\Delta}{\alpha}$


0100010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \overset{\gamma}{\alpha}$

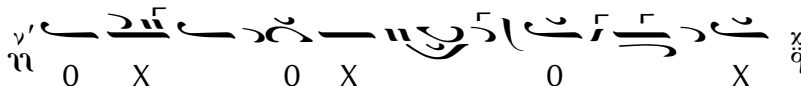
00010010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma}{\alpha}$


01000010 $\overset{\gamma'}{\alpha} \underset{0}{\curvearrowright} \underset{1}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{0}{\curvearrowright} \underset{0}{\curvearrowleft} \underset{1}{\curvearrowright} \underset{0}{\curvearrowleft} \overset{\gamma}{\alpha}$

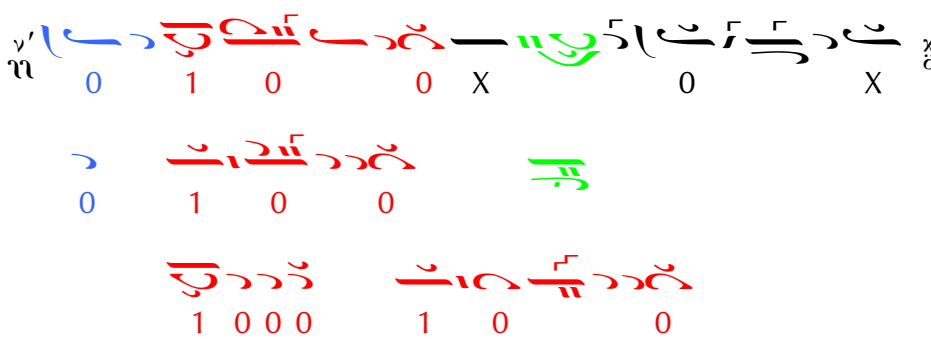
Plagal First Mode - Sticheraric

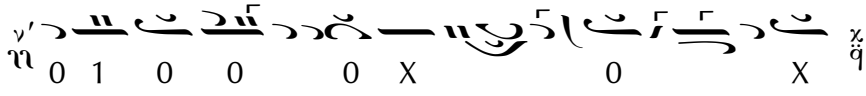
Accented on third to last syllable:

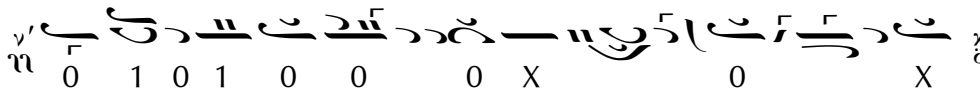
10X0X 

0X0X0X 

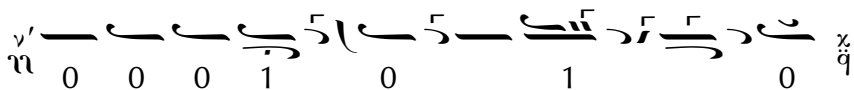
0010X0X 

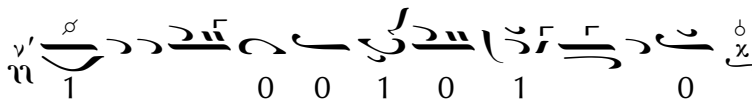
0100X0X 

01000X0X 

0101000X0X 

Accented on fourth to last syllable:

0001010 

1001010 

M) Fthoras

Accented on last syllable:

001	
0001	
0X001	
010001	

Accented on second to last syllable:

10		
010		
0010		

Plagal First Mode - Sticheraric

10010	
010010	
000010	
010X010	
0010010	
100010	
1010X010	
00100X010	
100X01000010	

1

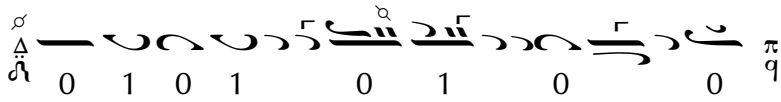
Accented on third to last syllable:

100	
0100	

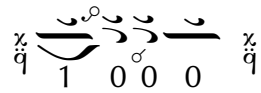
Plagal First Mode - Sticheraric

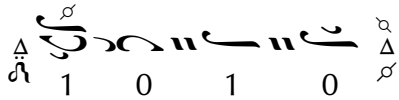
0100	
0100	
0100	
0100	
0X0X	
00100	
00100	
00100	
00110	
10100	
10100	
010100	
00010100	
01000100	

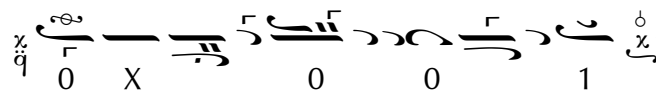
Plagal First Mode - Sticheraric

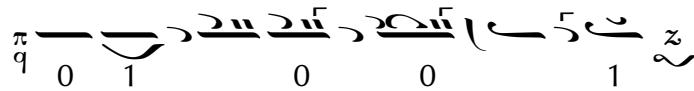
01010100 


Accented on fourth to last syllable:


1000 

1010 

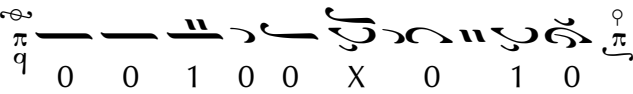
0X001 

01001 

010X010 

1010X010 



00100X010 

Plagal First Mode - Sticheraric

010001 π $\frac{\Delta}{\Delta}$
 $\frac{\Delta}{\Delta}$ 0 1 0 0 0 1 $\frac{\Delta}{\Delta}$

010001 $\frac{\Delta}{\Delta}$
 $\frac{\Delta}{\Delta}$ 0 1 0 0 0 1 $\frac{\Delta}{\Delta}$

010001 $\frac{\circ}{\times q}$
 $\frac{\circ}{\times q}$ 0 1 ? 1 $\frac{\circ}{\times q}$

$\frac{\circ}{\times q}$
 0 0 0 ? 1 $\frac{\circ}{\times q}$

010X01 $\frac{\times}{q}$
 $\frac{\times}{q}$ 0 1 0 X $\frac{\times}{q}$

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

0100001 $\frac{\times}{q}$
 $\frac{\times}{q}$ 0 1 0 0 0 0 1 $\frac{\times}{q}$

$\frac{\times}{q}$
 ? 0 0 1 $\frac{\times}{q}$

Accented on second to last syllable:

10 $\frac{\Delta}{\Delta}$ $\frac{\times}{q}$
 $\frac{\Delta}{\Delta}$ 1 0 $\frac{\times}{q}$

$\frac{\times}{q}$ $\frac{\times}{q}$
 $\frac{\times}{q}$ 0 $\frac{\times}{q}$

10 $\frac{\pi}{q}$ $\frac{\times}{q}$
 $\frac{\pi}{q}$ 1 0 $\frac{\times}{q}$

10 $\frac{\times}{q}$ $\frac{\times}{q}$
 $\frac{\times}{q}$ 1 0 $\frac{\times}{q}$

10 $\frac{\circ}{\times q}$ $\frac{\circ}{\times q}$
 $\frac{\circ}{\times q}$ 1 0 $\frac{\circ}{\times q}$

Plagal First Mode - Sticheraric

10	$\frac{\times}{q} \frac{\Delta}{\delta} \frac{1}{1} \frac{0}{0} \frac{\Delta}{\delta}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\Delta}{\delta} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\Delta}{\delta}$
010	$\frac{\Delta}{\delta} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\pi}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\Delta}{\delta} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\pi}{q} \frac{\times}{q} \frac{0}{0} \frac{1}{1}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{\chi^0}{\chi^0} \frac{0}{0} \frac{1}{1} \frac{\times}{q}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\pi}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
010	$\frac{\Delta}{\delta} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\chi^{\alpha}}{\chi^{\alpha}} \frac{\Delta}{\delta}$
010	$\frac{\times}{q} \frac{0}{0} \frac{1}{1} \frac{0}{0} \frac{\times}{q}$
	$\frac{\times}{q}$

Plagal First Mode - Sticheraric

0010 Δ π
 $\frac{\Delta}{\delta}$ 0 0 1 0 π
 $\frac{\times}{q}$ 0 0 1 0 $\frac{\times}{q}$

0010 Δ
 $\frac{\Delta}{\delta}$ 0 0 1 1

$\frac{\times}{q}$ 0 π
 $\frac{\times}{q}$ 0 π

0010 $\frac{\circ}{\times}$ $\frac{\circ}{\times}$
 $\frac{\circ}{\times}$ 0 0 1 2 0 $\frac{\circ}{\times}$

00010 $\frac{\pi}{\times}$
 $\frac{\pi}{\times}$ 0 0 0 1 2 0 0 0 1

$\frac{\pi}{\rho}$
 $\frac{\pi}{\rho}$ 0

00010 $\frac{\times}{q}$ $\frac{\times}{q}$
 $\frac{\times}{q}$ 0 0 0 1 0 $\frac{\times}{q}$

10010 $\frac{\circ}{\times}$ $\frac{\circ}{\times}$
 $\frac{\circ}{\times}$ 1 0 0 1 0 $\frac{\circ}{\times}$

10010 $\frac{\times}{q}$ $\frac{\times}{q}$
 $\frac{\times}{q}$ 1 0 0 1 0 $\frac{\times}{q}$

010010 $\frac{\circ}{\times}$ $\frac{\circ}{\times}$
 $\frac{\circ}{\times}$ 0 1 0 0 1 $\frac{\circ}{\times}$

$\frac{\circ}{\times}$ $\frac{\circ}{\times}$ 1
 $\frac{\circ}{\times}$ 2 0 $\frac{\circ}{\times}$ 1

100010 $\frac{\times}{q}$ $\frac{\times}{q}$
 $\frac{\times}{q}$ 1 0 0 0 1 0 $\frac{\times}{q}$

100010 $\frac{\circ}{\times}$ $\frac{\circ}{\times}$
 $\frac{\circ}{\times}$ 1 0 0 0 1 2 0 0 $\frac{\circ}{\times}$

Plagal First Mode - Sticheraric

Accented on third to last syllable:

Plagal First Mode - Sticheraric

100 $\frac{x}{q}$ 1 0 2

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

100 $\frac{x}{q}$ 1 0 1 0 0

$\frac{x}{q}$ 2

0100 $\frac{x}{q}$ 0 1 2 0 0

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

0100 $\frac{x}{q}$ 0 1 0 2 0

0 1

0100 $\frac{\pi}{q}$ 0 1 0 2 0

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

0100 $\frac{\pi}{q}$ 0 1 0 2 0

0100 $\frac{\pi}{q}$ 0 1 0 2 0

0100 $\frac{\Delta}{q}$ 0 1 0 2 0

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

Plagal First Mode - Sticheraric

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

$\frac{x}{q}$

$\frac{x}{q}$

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

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

$\frac{q}{x}$

0100 $\frac{\Delta}{A}$ $\frac{\pi}{q}$

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

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

$\frac{x}{q}$

00100 $\frac{\Delta}{A}$ $\frac{x}{q}$

$\frac{x}{q}$

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

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

Plagal First Mode - Sticheraric

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

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

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

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

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

0100100 $\frac{\Delta}{q}$ 0 1 0 0 1 0

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

0100100 $\frac{\pi}{q}$ 0 1 0 0

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

0100100 $\frac{\pi}{q}$ 0 1 0 0 1 0

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

00100100 $\frac{\pi}{q}$ 0 0 1 0

0 1 0 0 $\frac{\pi'}{\rho}$

00100100 $\frac{\pi}{q}$ 0 0 1 0 0

Plagal First Mode - Sticheraric

01010
 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 1 0 1 0

01010
 Δ Δ
 0 1 0 1 0

01010
 Δ $\frac{x}{q}$
 0 1 0 1 0

001001
 Δ $\frac{\pi}{q}$
 0 0 1 0 0 1

0
 ے ا د ج ا د

001001
 $\frac{x}{q}$
 0 0 1 0 0

001001
 $\frac{x}{q}$
 0 0 1 2 0 0

1001001
 $\frac{x}{q}$ $\frac{\pi'}{q}$
 1 0 0 1 0 0 1

1001010
 $\frac{x}{q}$ $\frac{\pi}{q}$
 1 0 0 1 0

1001010
 $\frac{x}{q}$ $\frac{\phi}{q}$
 1 0 0 1 0

O) Final Cadences

This section was organized by number of syllables rather than by accentuation, since this is the aspect that determines the formulae. Since only three instances of final cadences accentuated on the second to last syllable were found in the books consulted, these have been highlighted.

Three syllables:

100

100

X0X

Five syllables:

00010

01001

10001

X0100

Plagal First Mode - Sticheraric

X0101

10X0X

X0X0X

Six syllables:

000010

000100

000100

100001

Seven syllables:

1000010

Plagal First Mode - Sticheraric

00X0X0X

10X0X0X

1010X0X

Eight syllables:

00010100

00100100

00101100

10010100

10100100

Plagal First Mode - Sticheraric

10101100

1 0 1 0 1 1 0 0

0

Nine syllables:

101000X0X

1 0 1 0 0 0 X 0 X

0

0 X

000100X0X

0 0 0 1 0 0 X 0 X

0

0 X

010100100

0 1 0 1 0 0 1 0 0

0

010101100

0 1 0 1 0 1 1 0 0

0

001000X0X

0 0 1 0 0 0 X 0 X

0

0 X

100100X0X

1 0 0 1 0 0 X 0 X

0

0 X

Plagal First Mode - Sticheraric

Ten syllables:

0001000X0X		
0001000X0X		

