Byzantine Music Formulae

Second Mode - Sticheraric

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Key:

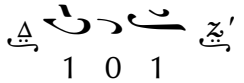
1 = accented syllable
0 = unaccented syllable
X = syllable that may be either accented or unaccented

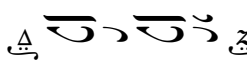
Variations of the same formula are indicated in color

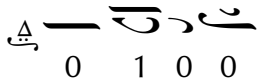
* The Byzantine music formulae herein were extracted from sticheraric melodies found in the Zoe *Anastasimatarion* (14th edition, 2002) Volume I of *Mousike Kypsele* (1883 edition), and the two-volume *Athonias* (1906 edition) by Petros Philanthidis.

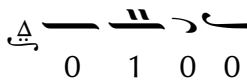
A) Initial Formulae: Di - Zo

(These formulae may also be used as medial formulae)
The following formulae are followed by the formulae on next page

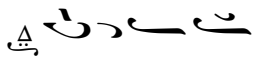
101 

X010 

0100 



(medial formula)

1000 

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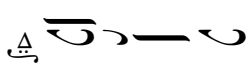
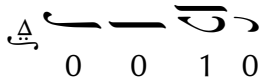
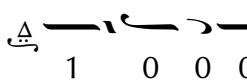
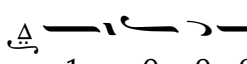
100101 

001001 

1000101 

10001001 

B) Semi-initial Formulae: Zo - Di
(to be preceded by any of the formulae in section A or E)

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010X

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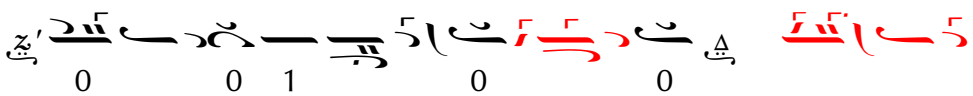

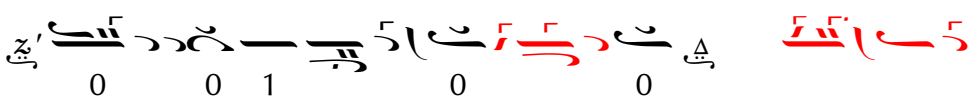

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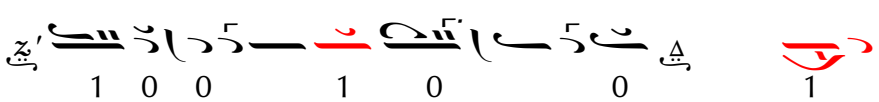

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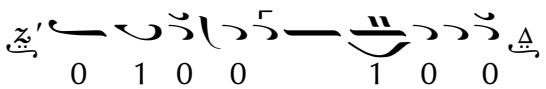
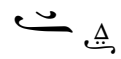


C) Medial Formulae ending on Di

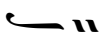
(Most of these may also be used as initial formulae)

Note that most of these formulae from Di can also be used as formulae from Vou simply by changing the first character. For example, the first note in the third entry can be changed from an elaphron to an ison if the initial martyria is changed from Di to Vou.

Also note that when a cadence ends on Di with a klasma, the klasma may be replaced by kentemata or by an antikenoma with an aple. So the cadence:



may be written as:

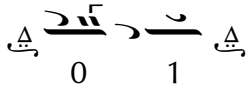


or as:

in order to flow more smoothly into the next formula.

<u>Accented on last syllable:</u>

01



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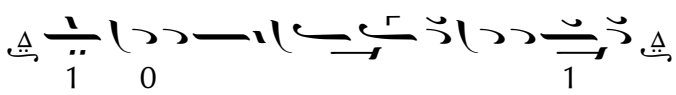

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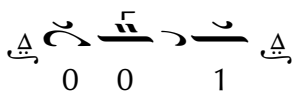

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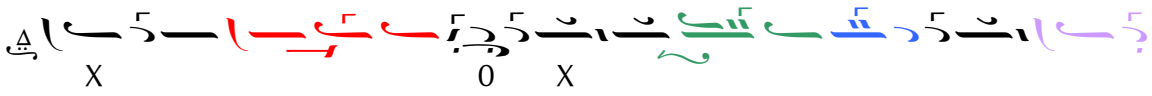

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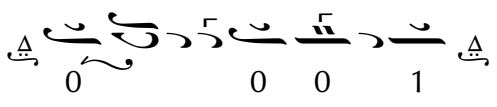

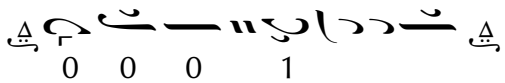

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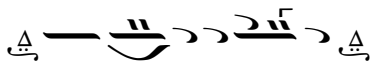

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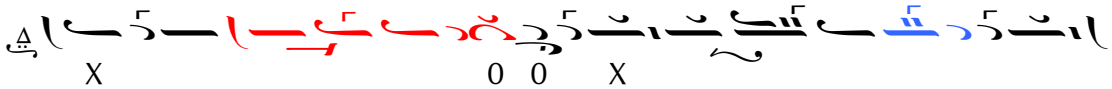

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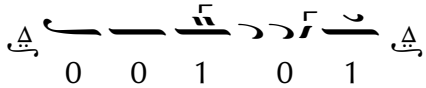

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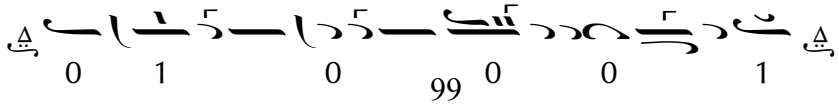

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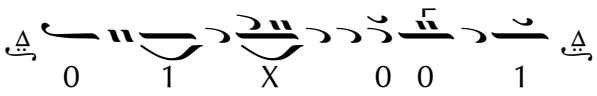

Accented on second to last syllable:

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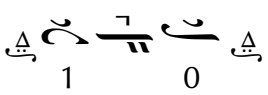

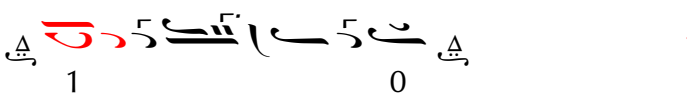

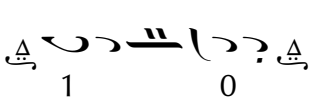

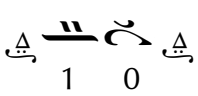

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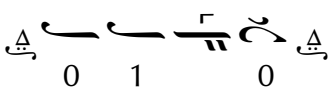

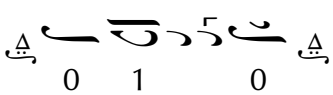

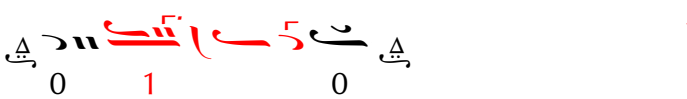

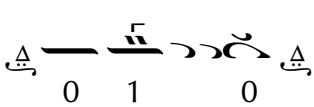

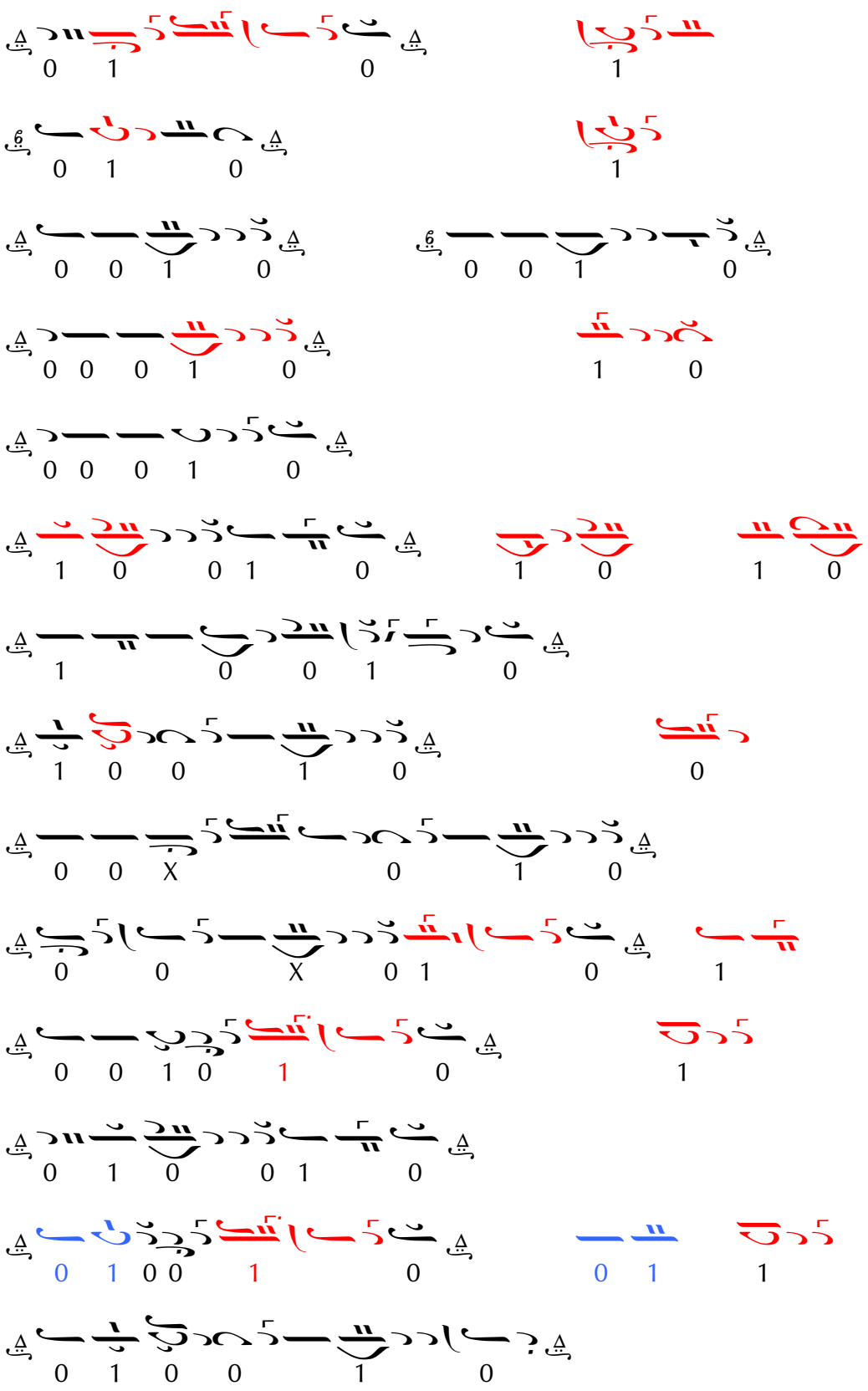

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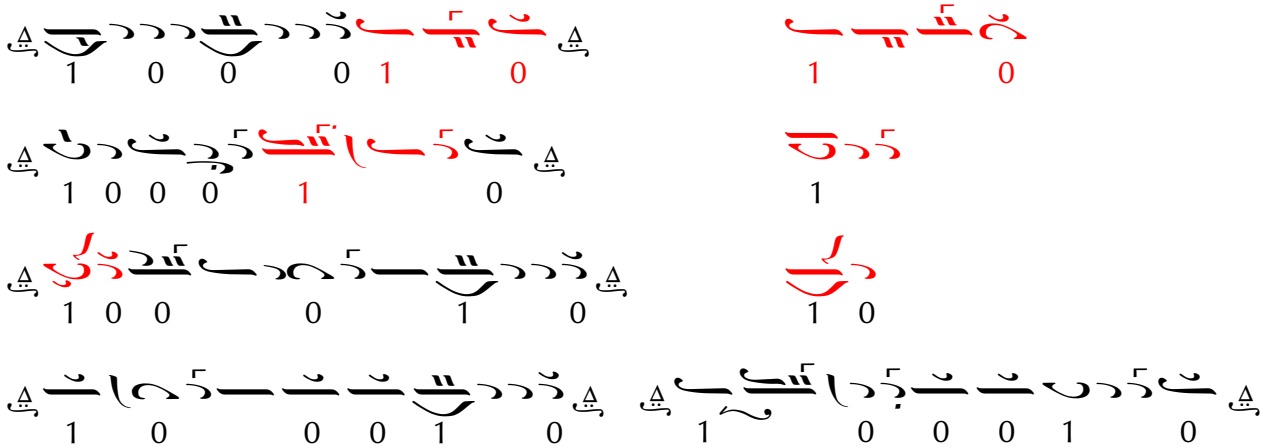

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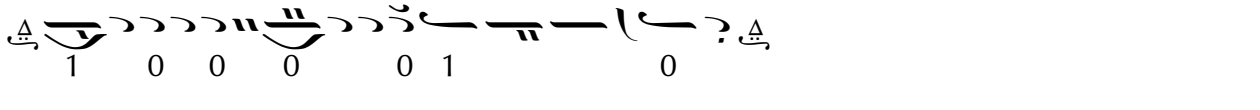

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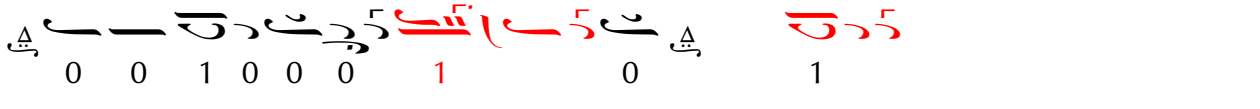

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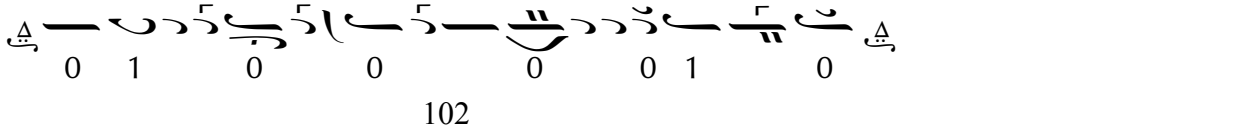

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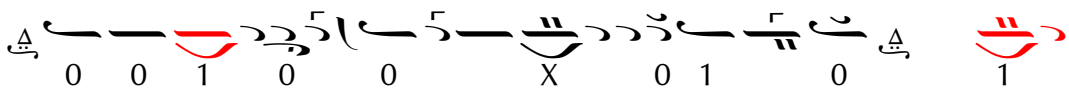

Accented on third to last syllable:

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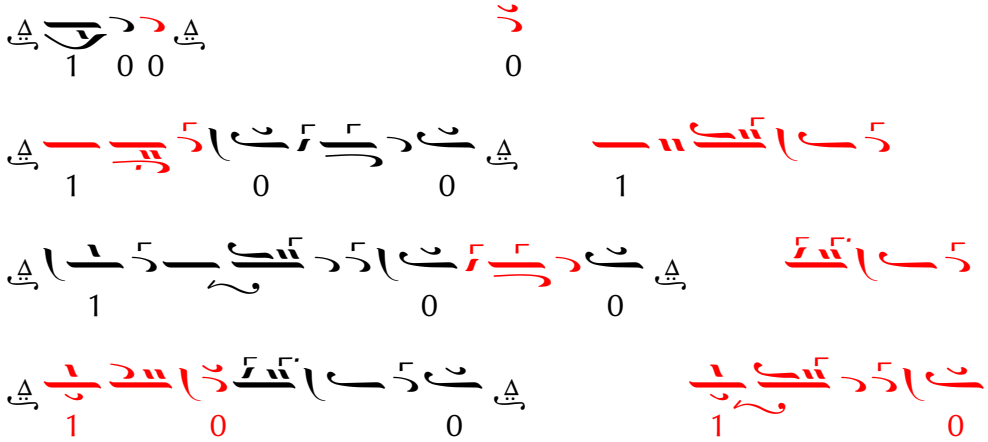

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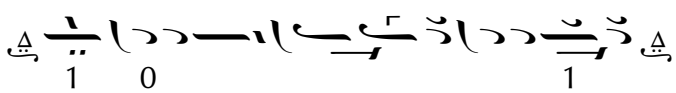

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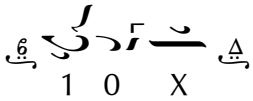

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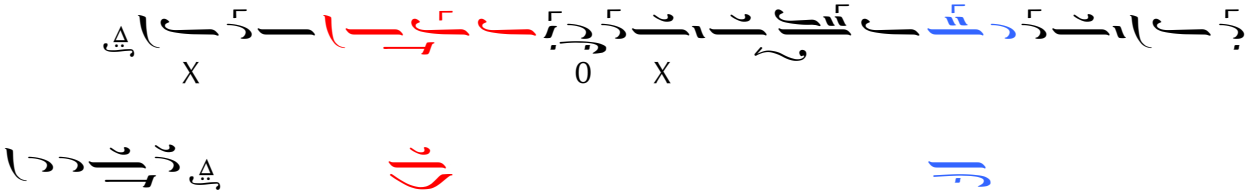

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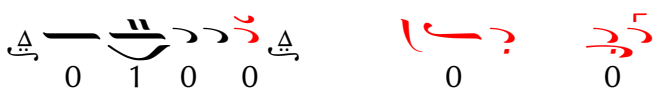

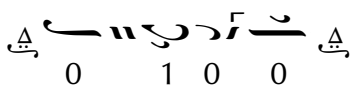

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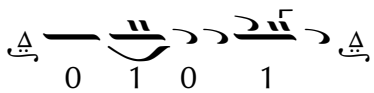

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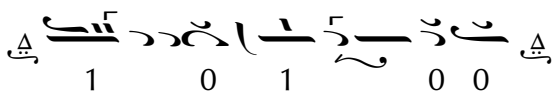

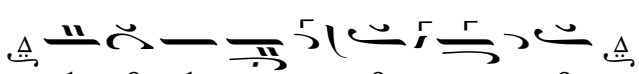

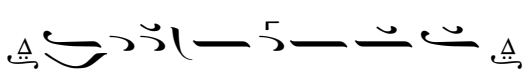

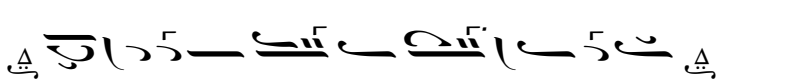

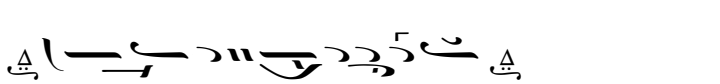

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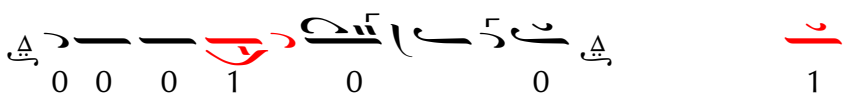

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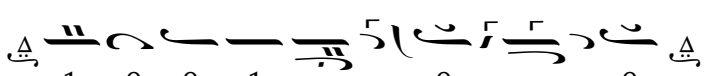

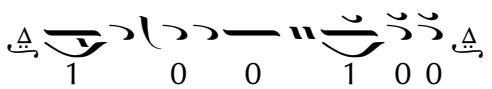

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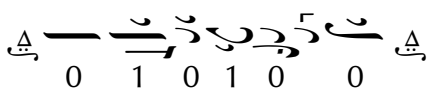

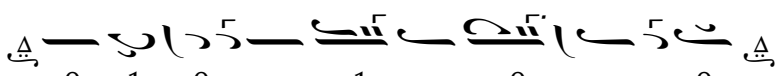

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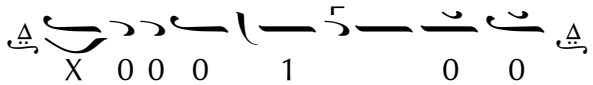

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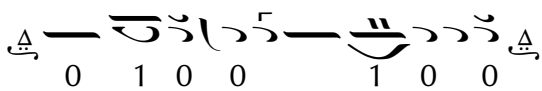

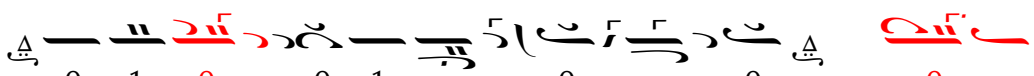

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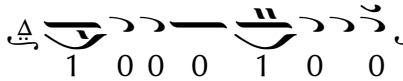

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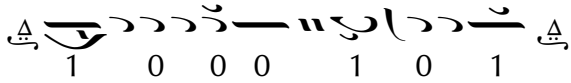

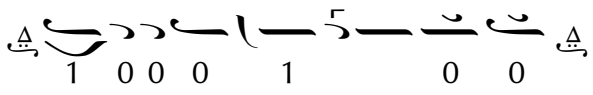

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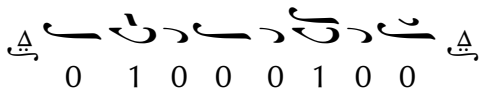

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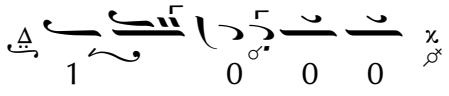

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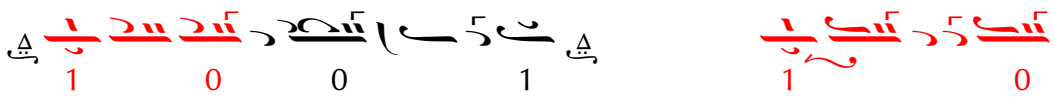

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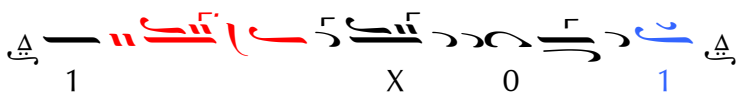

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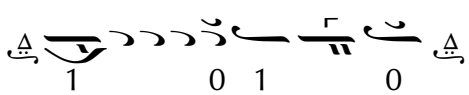

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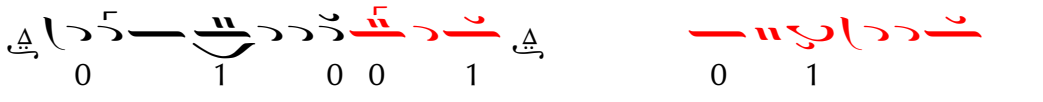

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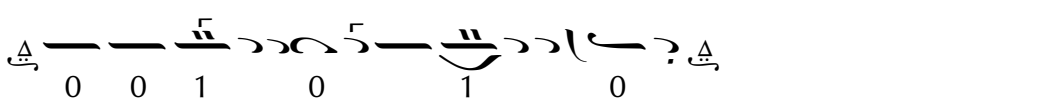

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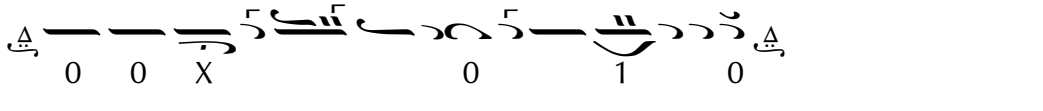

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D) Medial Cadences on Vou

Accented on last syllable:

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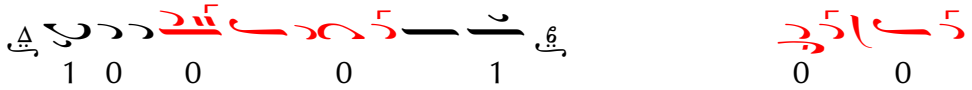

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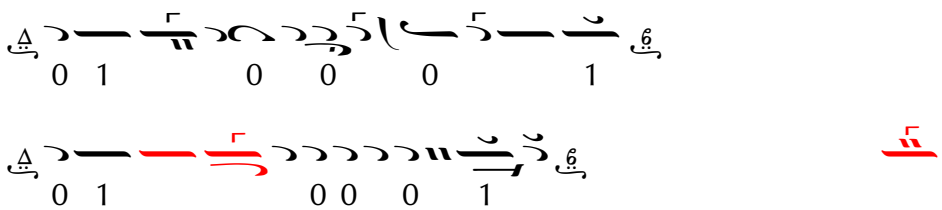

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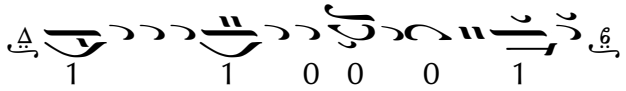

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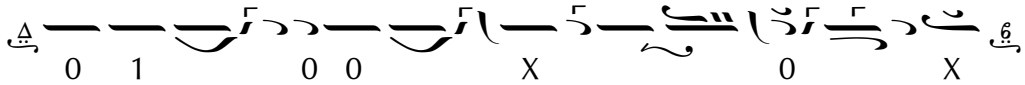

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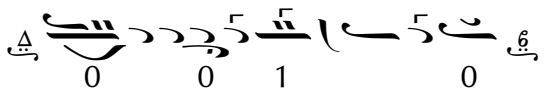

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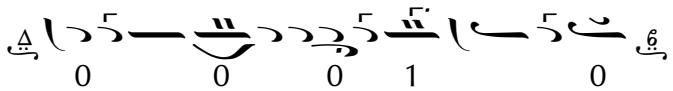

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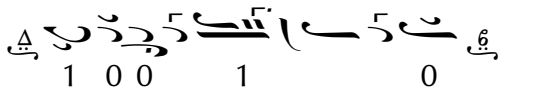

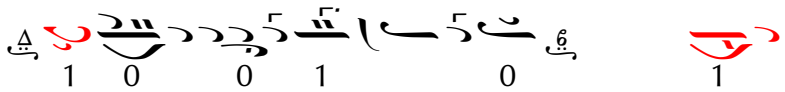

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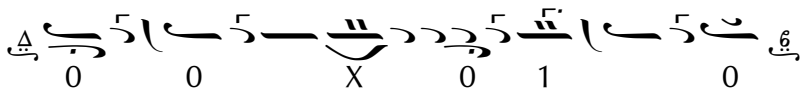

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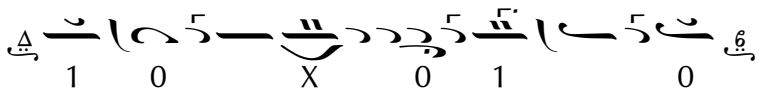

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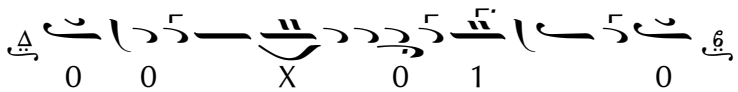

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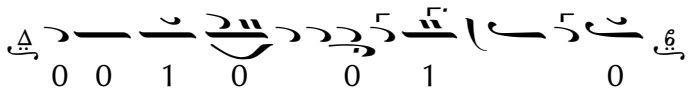

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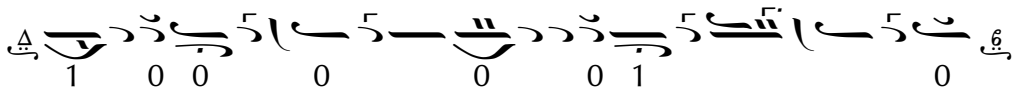

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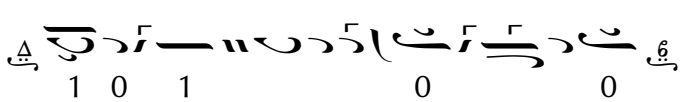

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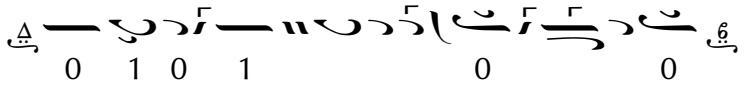

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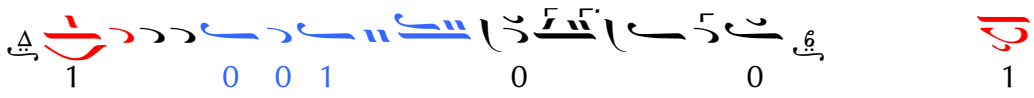

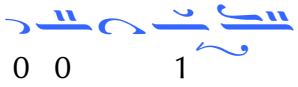

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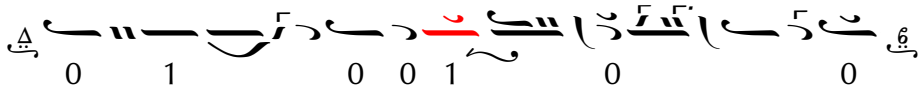

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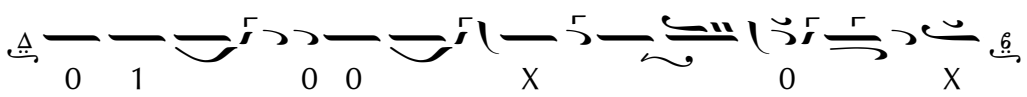

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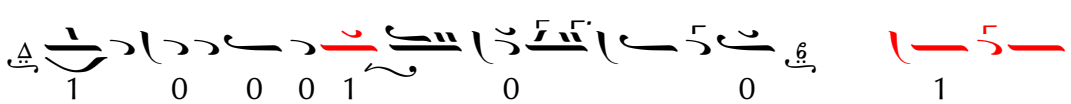

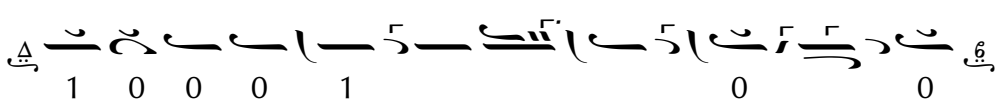

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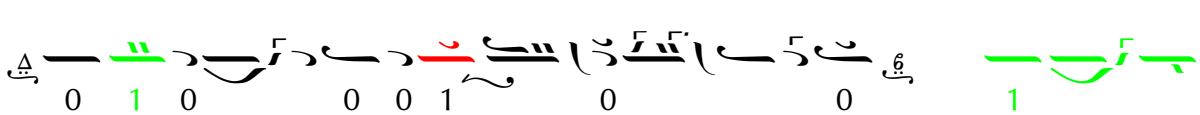

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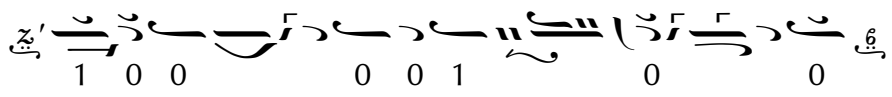

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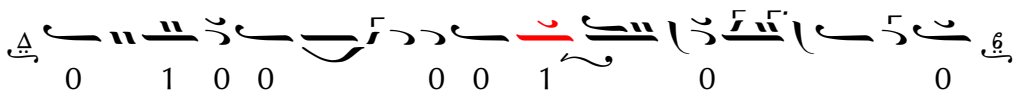

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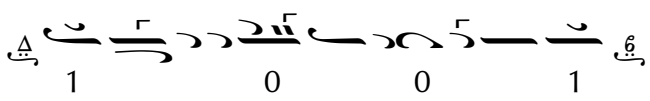

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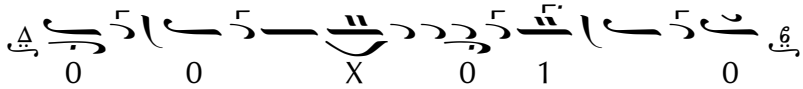

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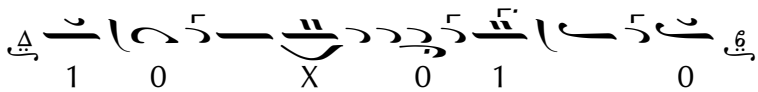

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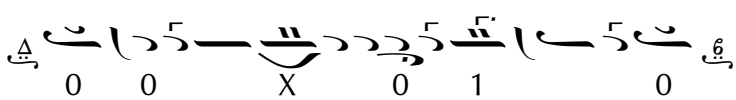

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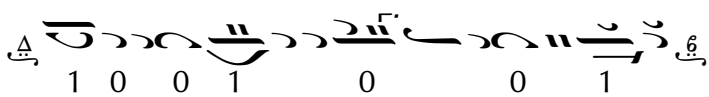

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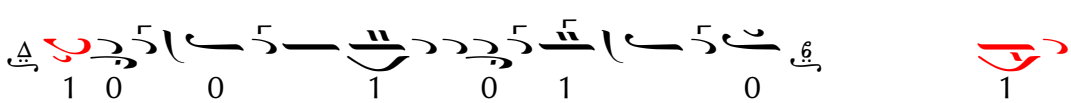

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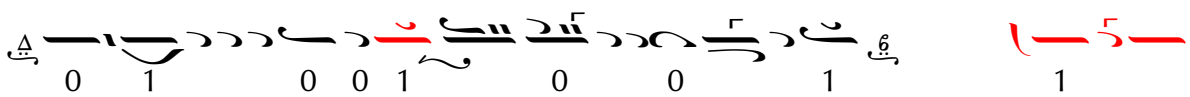

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E) Medial Cadences on High Zo

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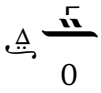

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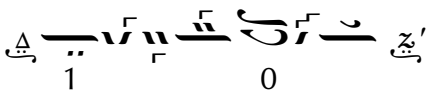

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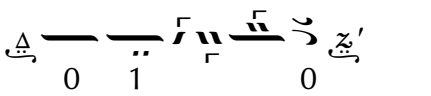

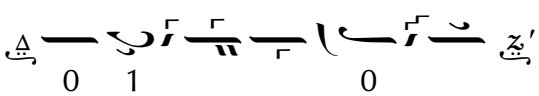

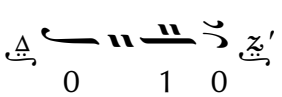

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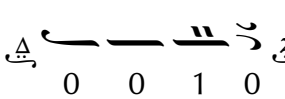

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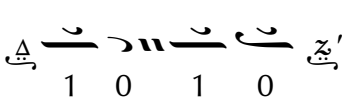

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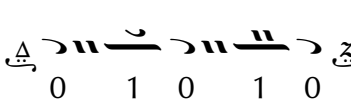

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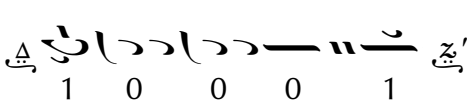

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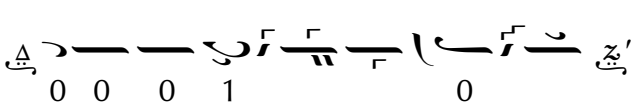

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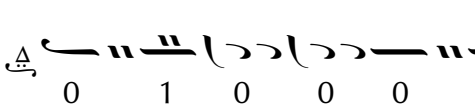
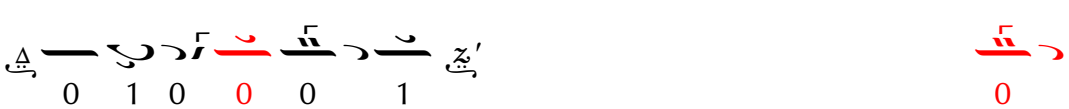




(See section B for formulae from Zo to Di)

F) Low Nee

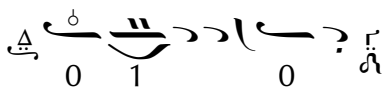
1) Cadences on Ga:
(usually followed by an ending on Nee or low Zo)

Accented on last syllable:

(use a formula ending in 100)

Accented on second to last syllable:

010



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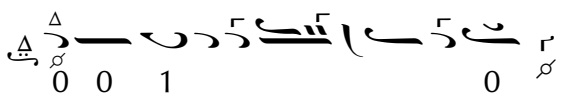

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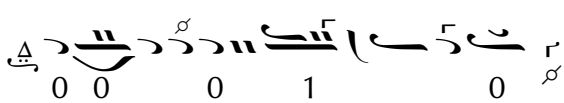

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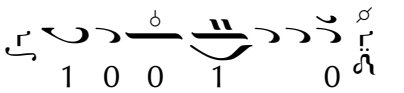
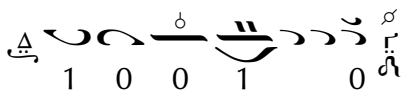
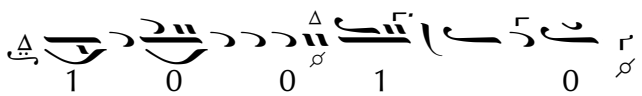
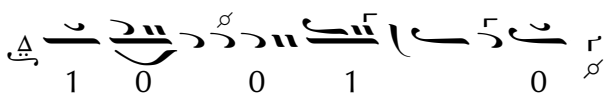


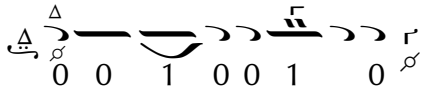






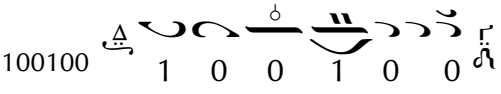
100010

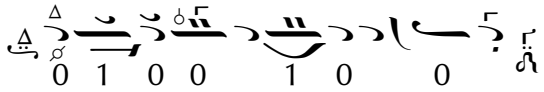
0010010



Accented on third to last syllable:

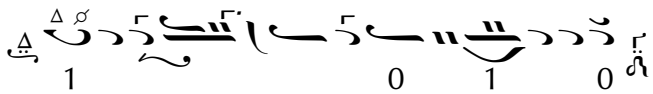
100

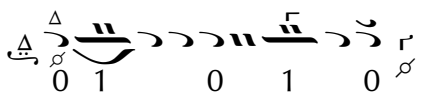
100100 

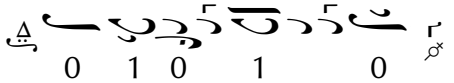
0100100 

00100100

Accented on fourth to last syllable:

1010 

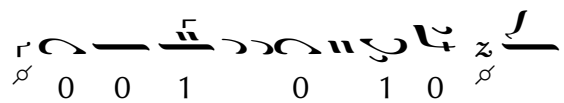
01010 

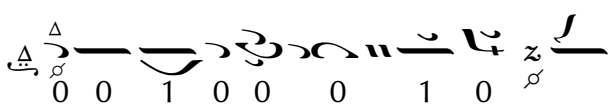


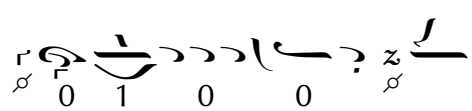
2) Cadences on low Zo:

(to be followed by an ending on Nee on next page)

00010

001010 

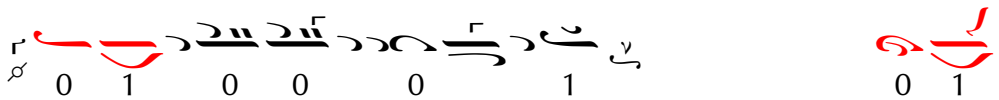
00100010 

0100 

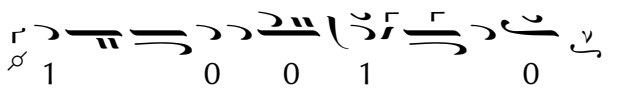
(this formula is not followed by a cadence on Nee)

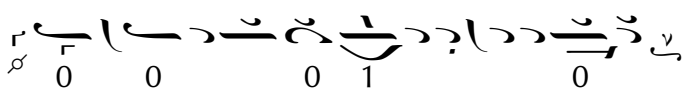
3) Cadences on Nee:

Accented on last syllable:

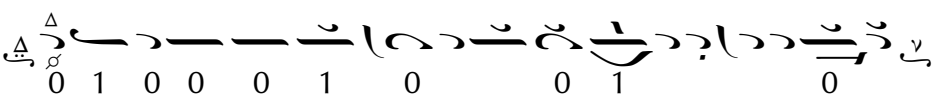
010001 

Accented on second to last syllable:

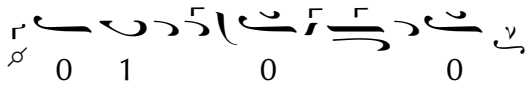
10010 

00010 

10000010

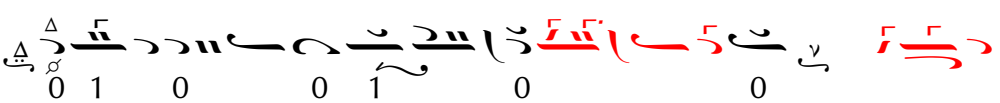
0100010010 

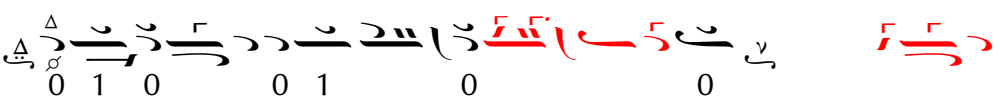
Accented on third to last syllable:

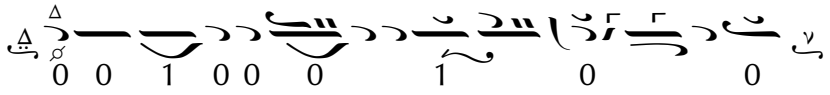
0100 

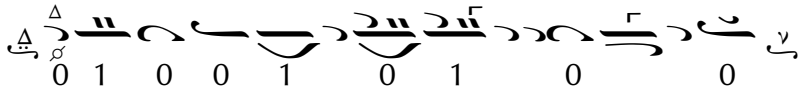
00100

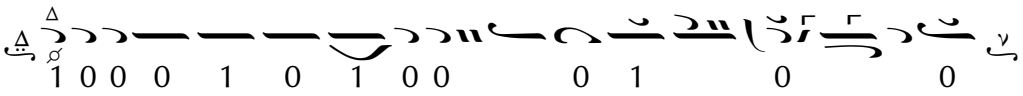
10100

0100100 



001000100 

010010100 

1000101000100 

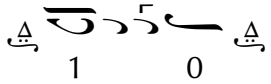
Accented on fourth to last syllable:

(For lack of a better option, use a formula in sticheraric plagal second mode on page 538 or 539)

G) Bridges

The following heirmological bridges represent only a fraction of the dozens of bridges permitted. These were selected simply as a reminder of some typical musical gestures of this mode.

10



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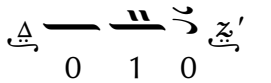

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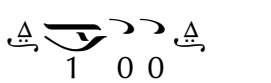
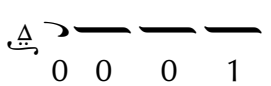
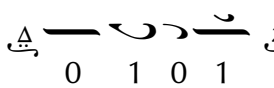


0100

0001

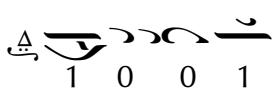


0101



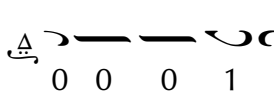
0100

1001



01001

00010



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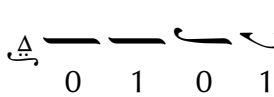

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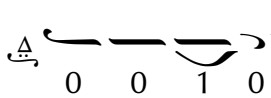

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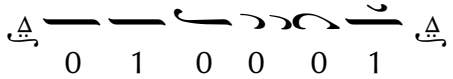
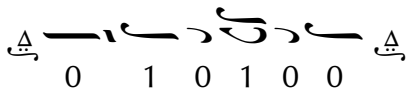


0 1 0 0 0 1

010100



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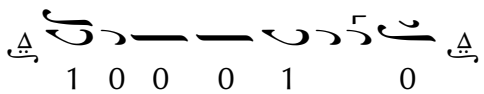
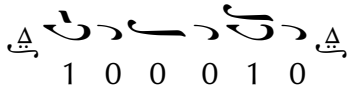
100010

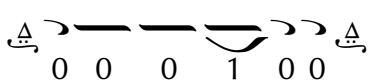


1 0 0 0 1 0



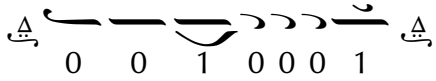
1 0 0 0 1 0

000100



0 0 0 1 0 0

0010001



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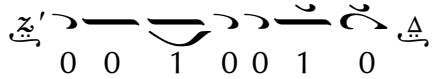
0010010



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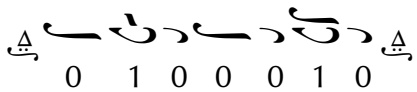
0100010



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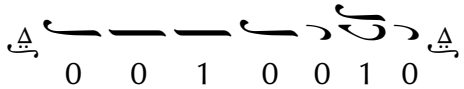

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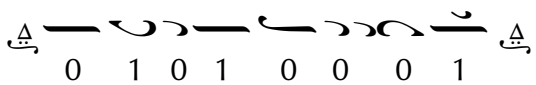
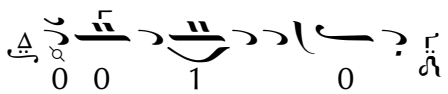
01010001

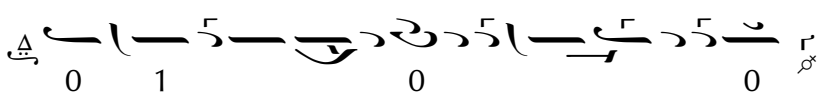


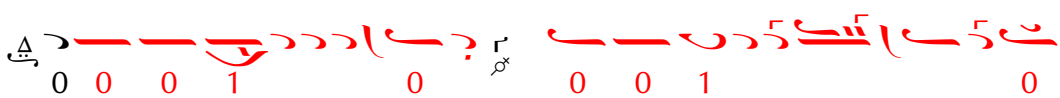
0 1 0 1 0 0 0 1

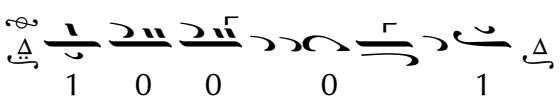
H) Formulae with Fthoras

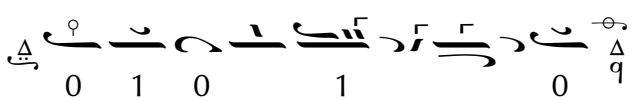
100

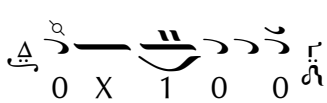
0010 

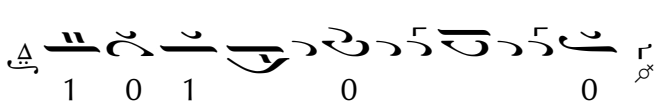
0100 

00010 

10001 

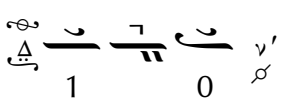
01010 

0X100 

10100 

Formulae with fthores ending on high Nee:

(to be followed by an ending on Di in next subsection)

10 

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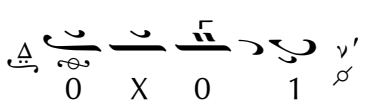
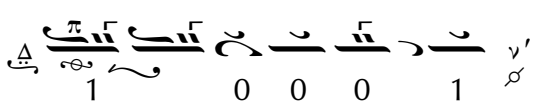
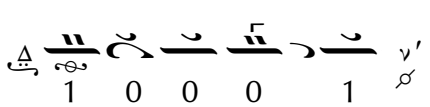
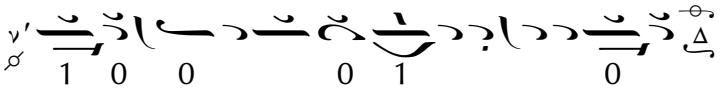
0X01 

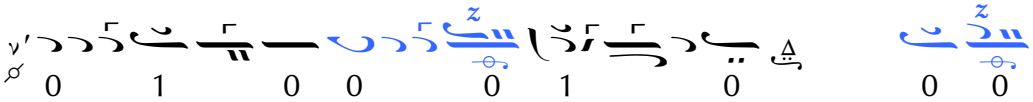
10001 

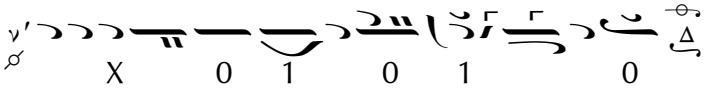
10001 

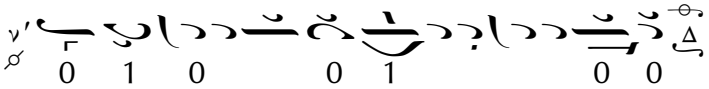
Formulae with fthores Nee-Di:

(to be preceded by an ending on high Nee in previous subsection)

100010 

0100010 

(1)X01010 

0100100 

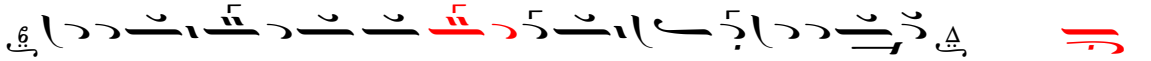
I) Old (slow) Sticheraric Formulae

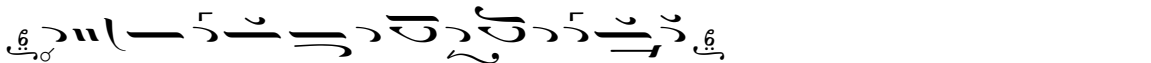
(Syllables after a cross are repeated syllables)

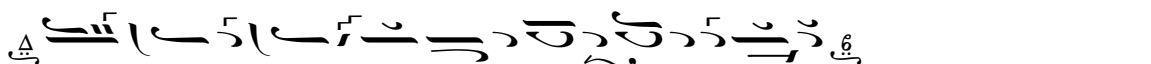
Accented on last syllable:

01

01

01 

01 

01 

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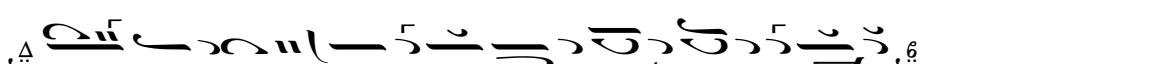
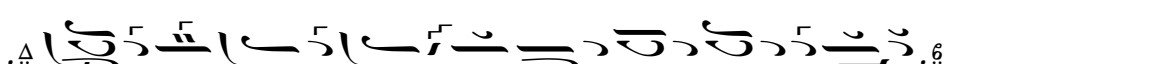
001 

001 

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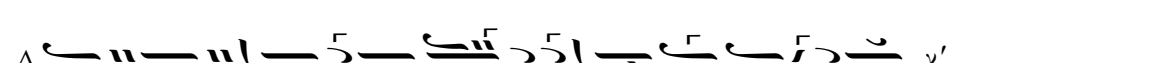
001 

001

X0X

X00X

0001

0001

0001

1001

00001

10001

10001

010001

010001

010001

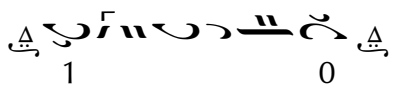
010001

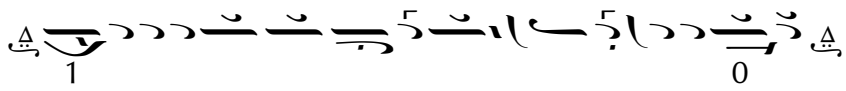
010001

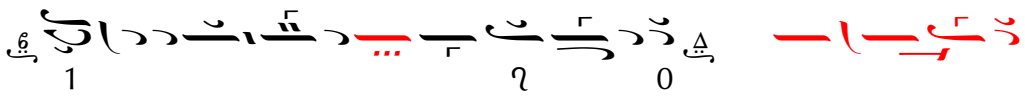
X010001

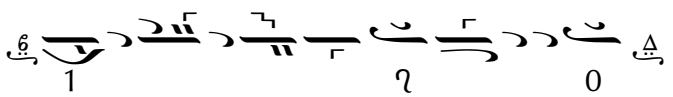
01010001

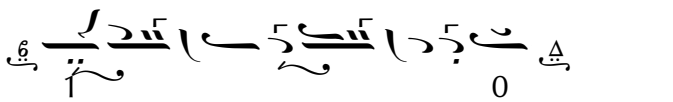
Accented on second to last syllable:

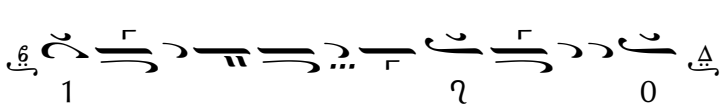
10 

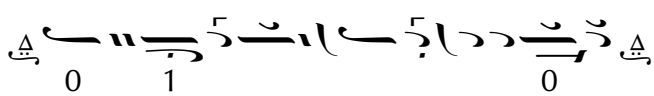
10 

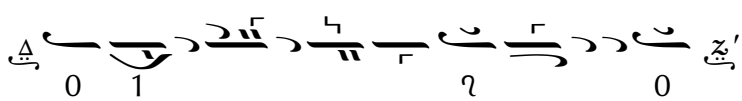
10 

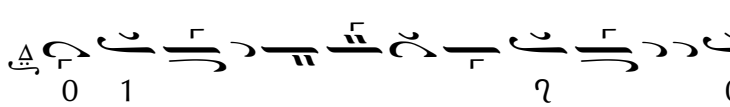
10 

10 

10 

010 

010 

010 

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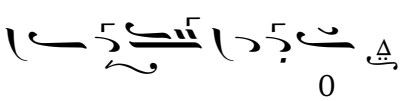
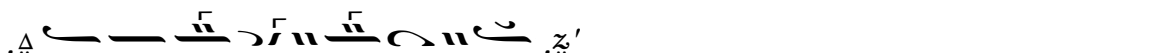


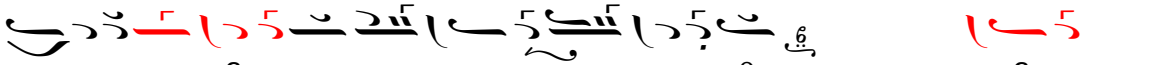
0010

0010



0010

X010



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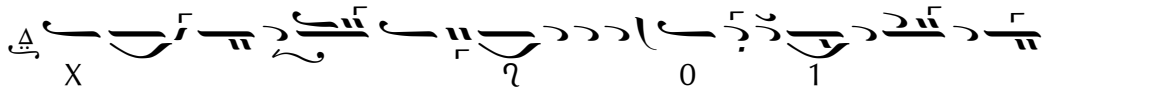
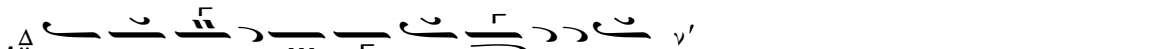


X0110

00010



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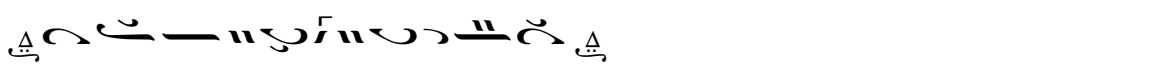


Accented on third to last syllable:

100

100

10X

X0X

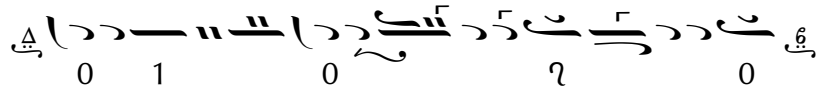
0100

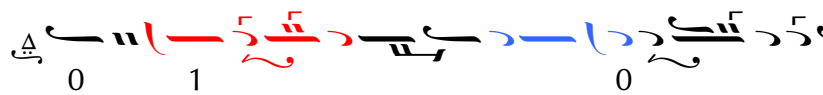
0100

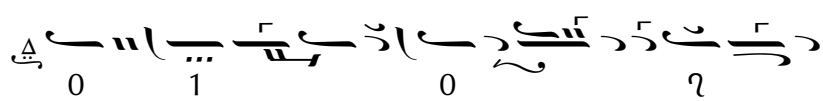
0100

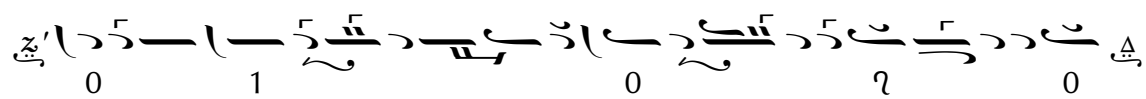
0100

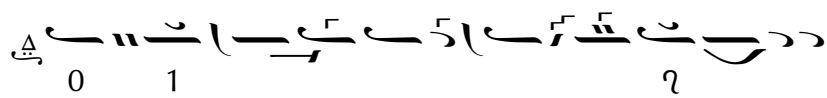
0100

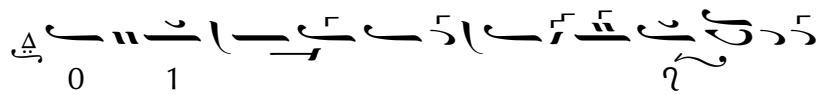
0100 

0100 

0100 

0100 

0100 

0100 

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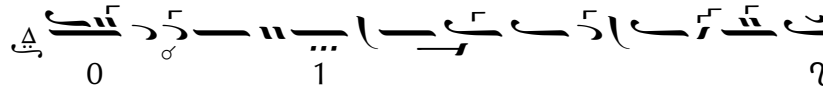
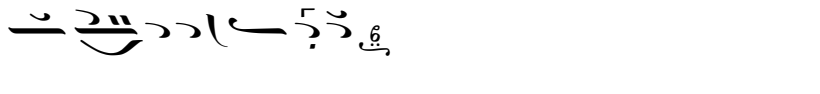
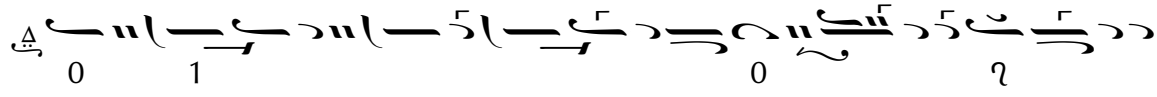
0101 

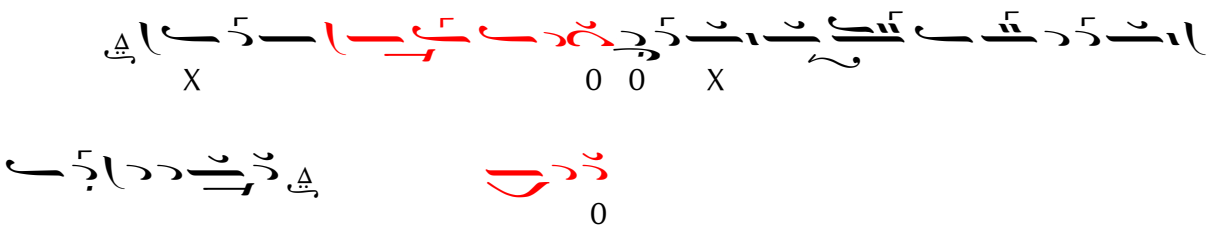


0101 

00100
X0100
01100
X0110
010100
100100
100100

Accented on fourth to last syllable:

X00X



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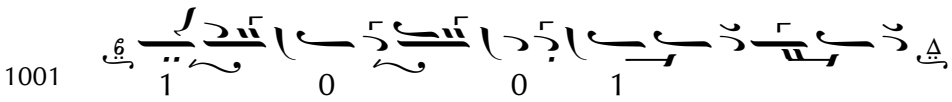
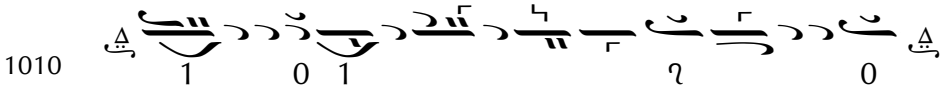


1010

1010



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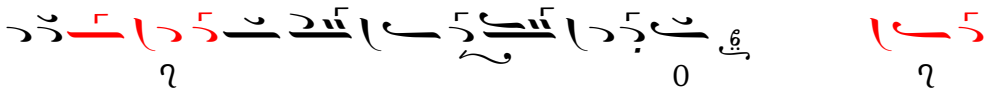

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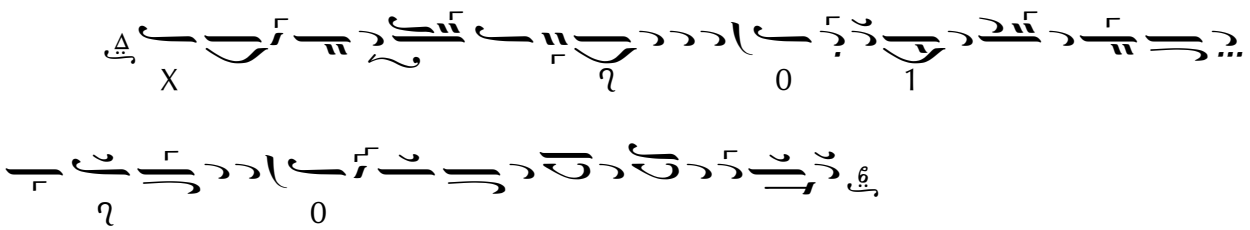

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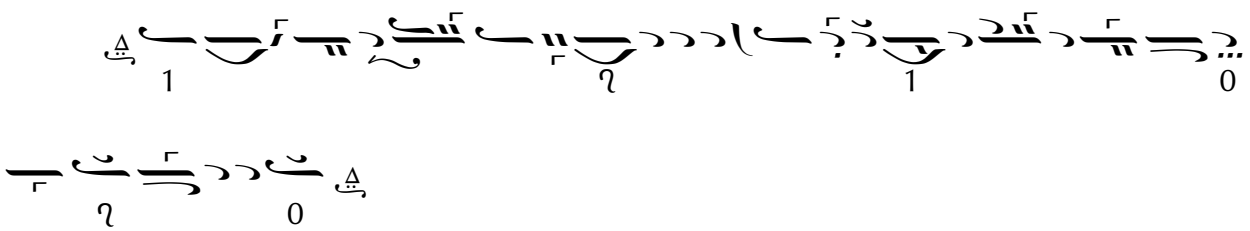

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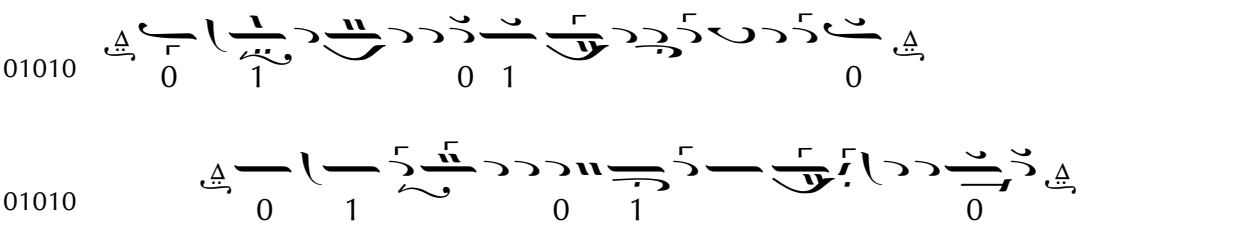

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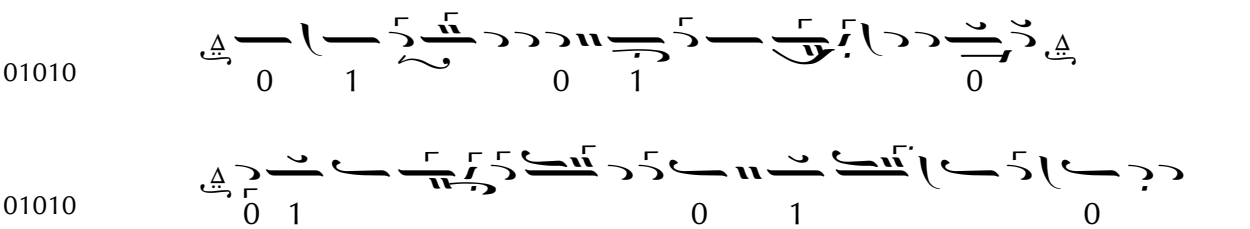

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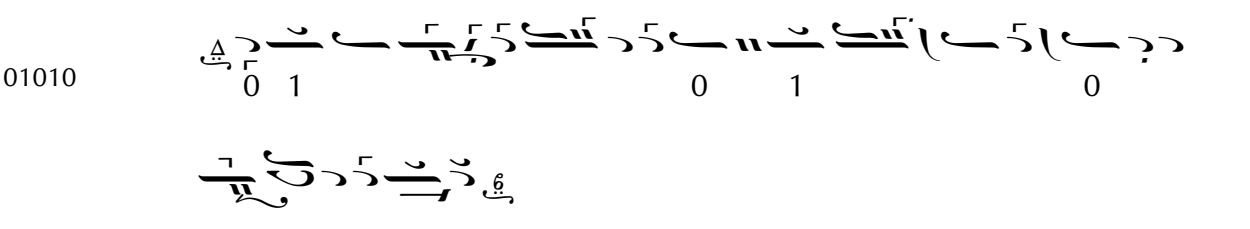
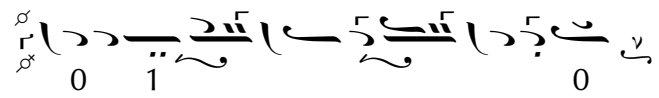
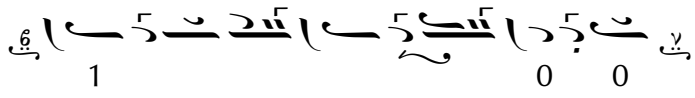
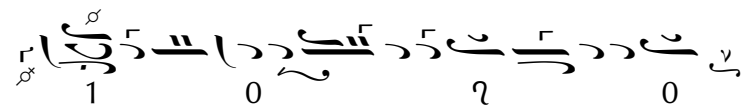
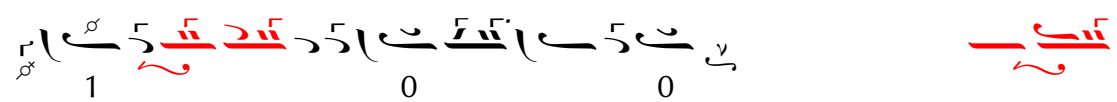


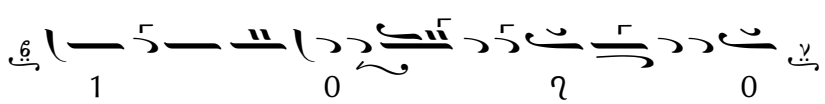
Cadences on Low Nee:

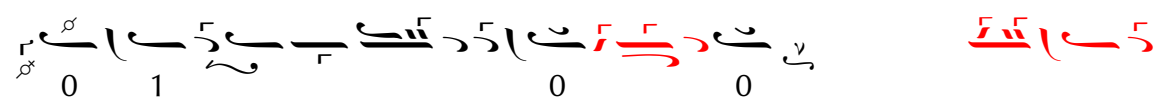
010 

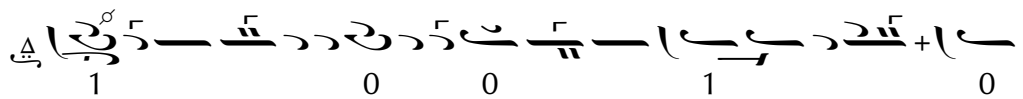
100 

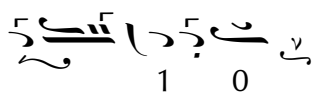
100 

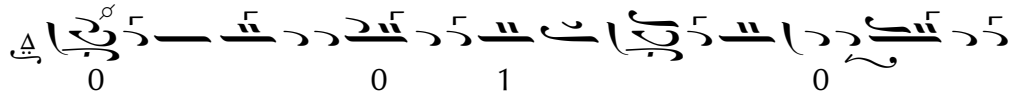
100 

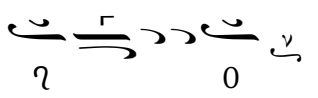
100 

0100 

10010 



00100 



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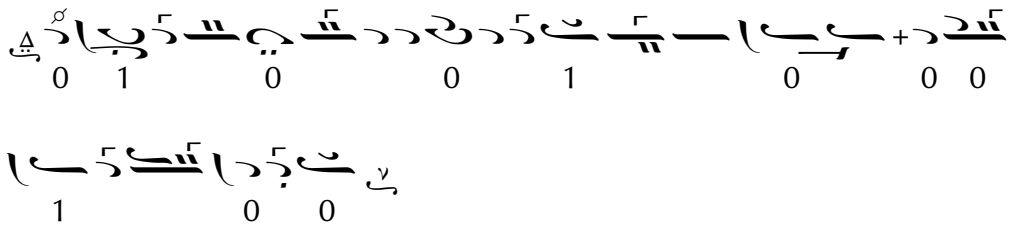
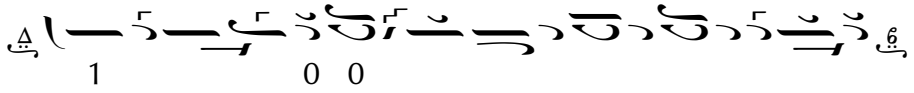
0100100 

J) Ending Formulae

1) Formulae found only near the end:

100



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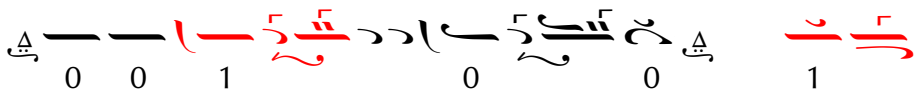

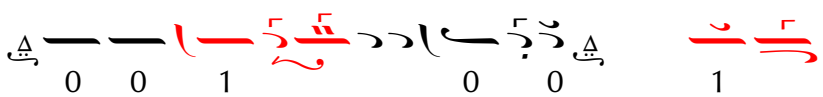

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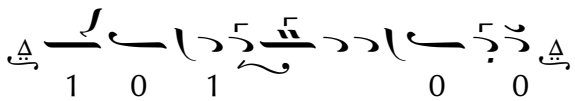

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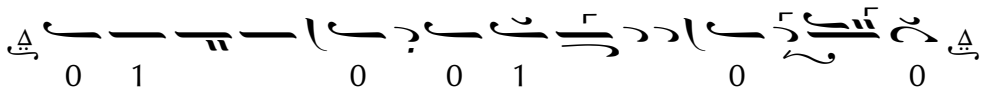
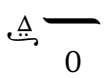


2) Semi-final Cadences

(to be followed by formulae in next section):

01



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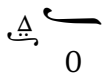

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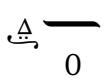
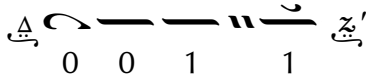
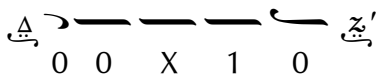


0001

1001

0011 

00X10 

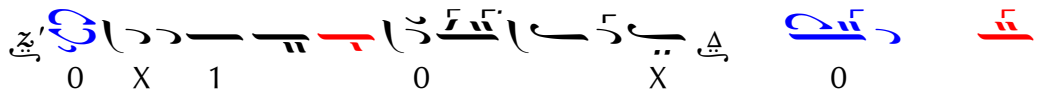
001001

3) Final Cadences

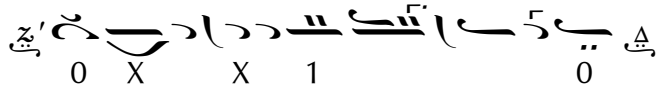
(usually preceded by previous "semi-final" cadences):

Accented on last syllable:

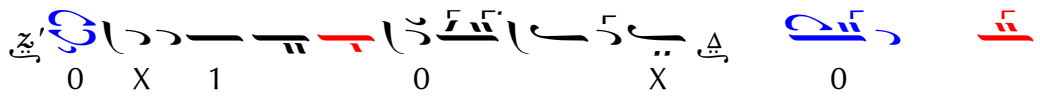
1X00X

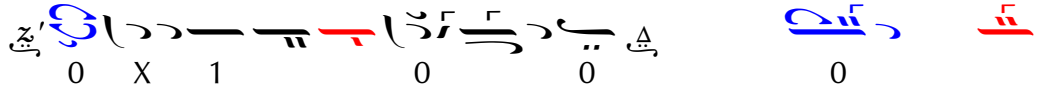
0X10X 

Accented on second to last syllable:

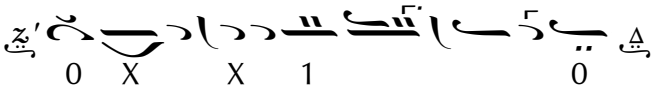
0XX10 

Accented on third to last syllable:

0X10X 

0X100 

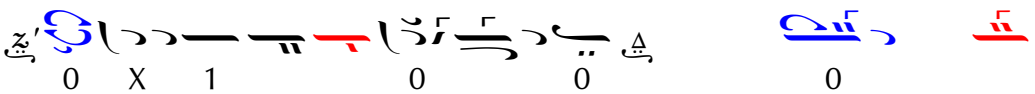
0XX10



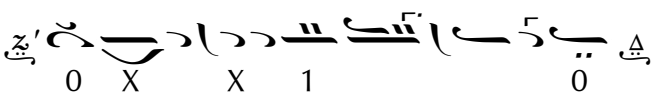
Accented on fourth to last syllable:

0X10X

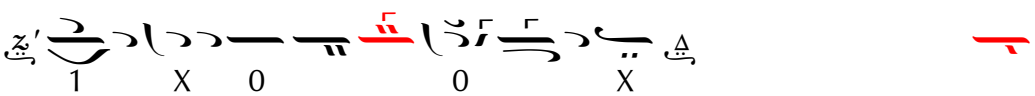
0X100



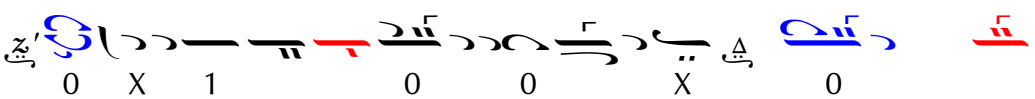
0XX10



1X00X



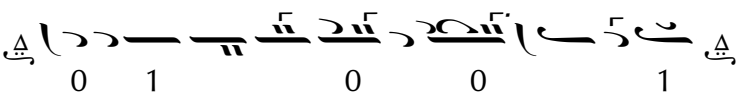
0X100X



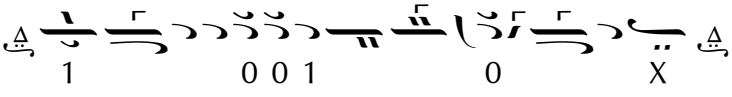
4) Other Final Cadences:
(not preceded by a High Zo "semi-final" cadence):

Accented on last syllable:

01001



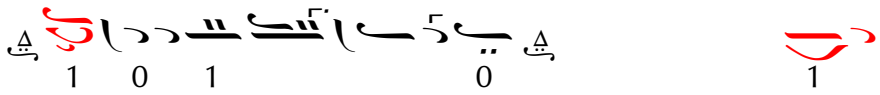
10010X



1000101

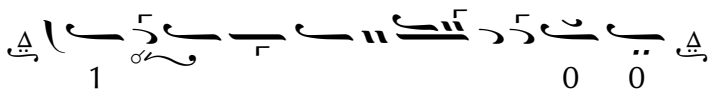
Accented on second to last syllable:

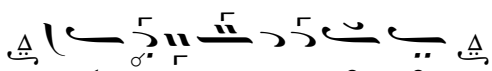
1010



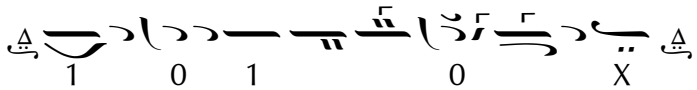
Accented on third to last syllable:

100

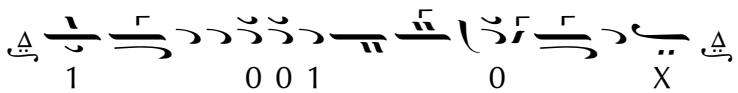




10100



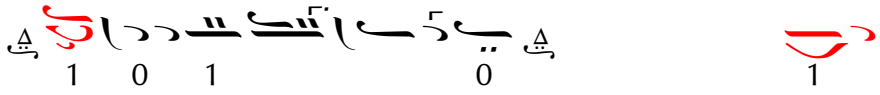
10010X



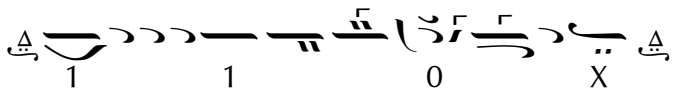
1000101

Accented on fourth to last syllable:

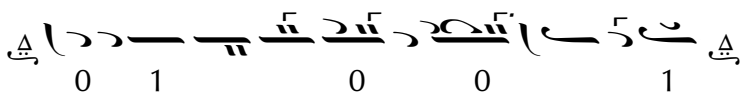
1010



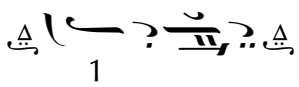
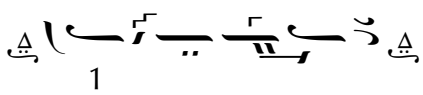
1100



01001



K) Final Cadences for Theotokia

1 

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