

# BYZANTINE MUSIC FORMULÆ

## *Second Mode - Heirmologic (Soft Chromatic)*

### Contents\*

A) Initial Formulae.....	168
B) Cadences on Vou.....	170
C) Cadences on Di.....	171
D) Cadences on Zo.....	180
E) Formulae with Fthoras.....	181
F) Final Cadences.....	182
G) Endings for Theotokia.....	183

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

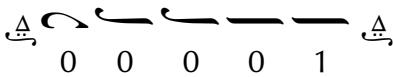
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\* The Byzantine music formulae herein were extracted from all the heirmologic melodies found in the *Zoe Anastasimatarion* (14th edition, 2002), all the heirmologic melodies in the *Neon Anastasimatarion* by Petros Ephesios, some melodies of Vol. I of the *Doxastarion* by Petros Peloponnesios (and Keltzanides), and all the heirmologic melodies in Vol. I of *Mousike Kypsele*. These formulae are applicable to Apolytikia, Kontakia, and Kathismata in (soft chromatic) second mode. Bear in mind that all Apolytikia and Kontakia in plagal second mode (except for the Apolytikion of the Resurrection) do not use formulae of plagal second mode but these formulae in second mode. The formulae applicable to the verses of Psalms 140, 141, and 129 chanted in the beginning of Vespers are at: <http://www.stanthonysmonastery.org/music/Formula2v.pdf>

*Second Mode - Heirmologic (Soft Chromatic)*

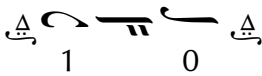
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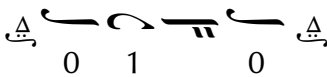
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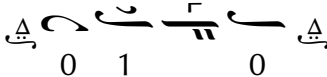
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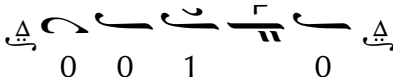
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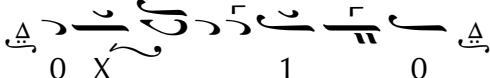
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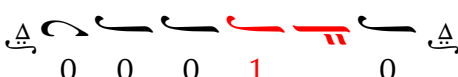
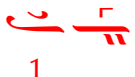
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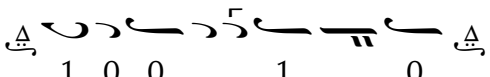
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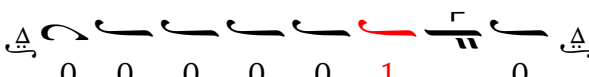

0010      

0010      

0X10      

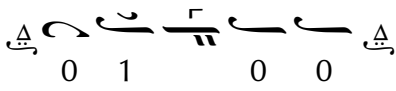
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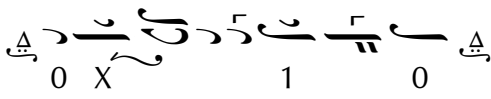
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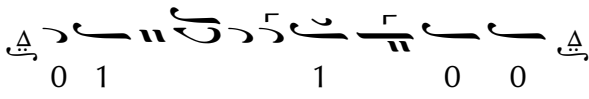
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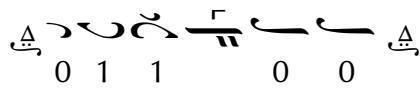
Accented on third to last syllable:

*Second Mode - Heirmologic (Soft Chromatic)*

0100 

0X10 

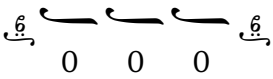
01100 



**B) Cadences on Vou**

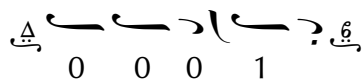
Accented on last syllable:

From Vou

000 


From Di

0001 



Accented on second to last syllable:

From Di

10 




Accented on third to last syllable:

From Di

0100 



000100100 



Accented on fourth to last syllable:

From Di

01001 



C) Cadences on Di

Accented on last syllable:

From Vou

0		
0001		
010001		
00100001		

From Di

00	
10001	
010001	
00010001	
10010001	

*Second Mode - Heirmologic (Soft Chromatic)*

000010001

010100001

010001000X

From Zo

0000

Accented on second to last syllable:

From Vou

10

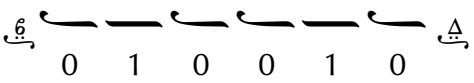
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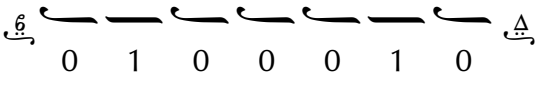
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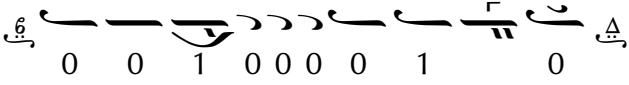
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10010

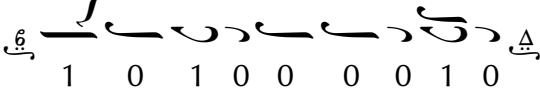
*Second Mode - Heirmologic (Soft Chromatic)*


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0100010 

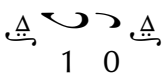
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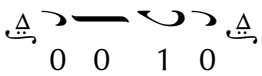
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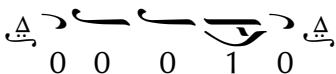
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010001000010 

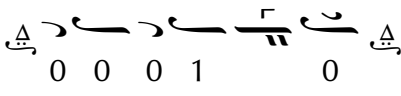
From Di

10 

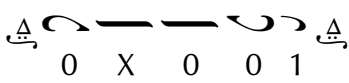
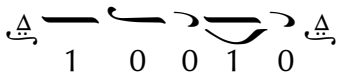
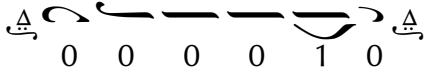
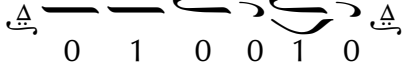
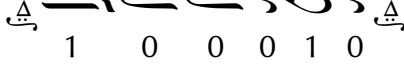
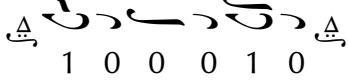
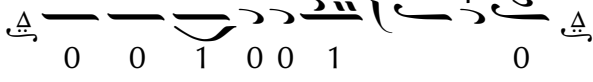
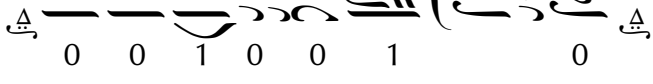
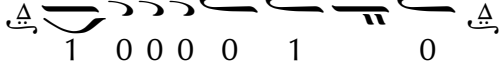
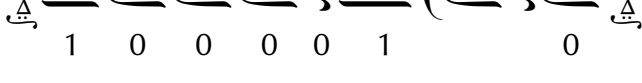
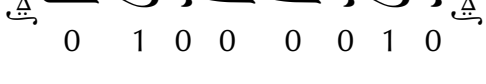
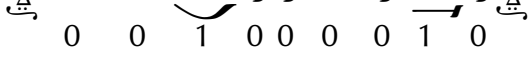
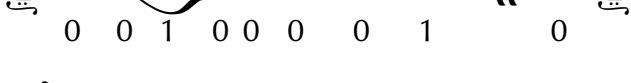
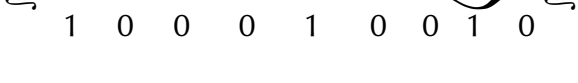
0010 

00010 

000010 


00001 

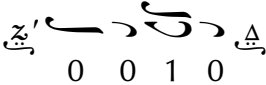
*Second Mode - Heirmologic (Soft Chromatic)*

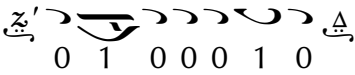
0X010	
10010	
000010	
010010	
100010	
	
0010010	
	
1000010	
	
01000010	
001000010	
	
100010010	

*Second Mode - Heirmologic (Soft Chromatic)*

From Zo

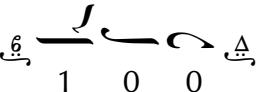
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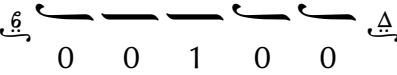
0010 


0100010 

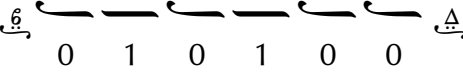

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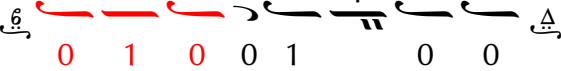
From Vou

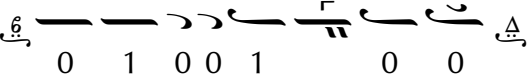
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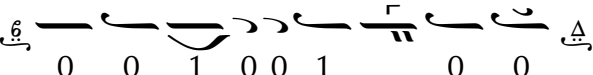
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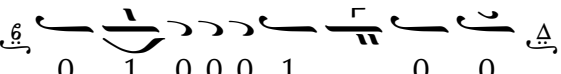
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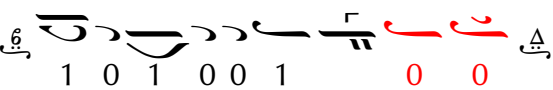

 

0100100 



00100100 

01000100 

10100100  

*Second Mode - Heirmologic (Soft Chromatic)*

010000100

0100100100

01000100100

01001000100

01010000100

01000100100100

From Di

100

0100

*Second Mode - Heirmologic (Soft Chromatic)*

0 1 0 0

0 1 0 0

00100

0 0 1 0 0

0 0 1 0 0

10100

1 0 1 0 0

000100

0 0 0 1 0 0

010100

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0 1 0 1 0 0

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1 0 0 1 0 0

1 0 0 1 0 0

1 0 0 1 0 0

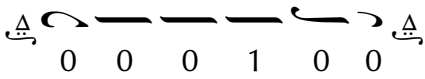
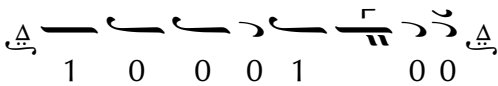
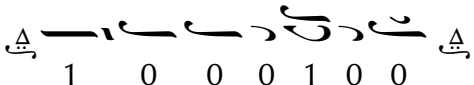
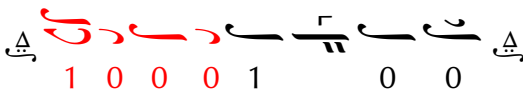

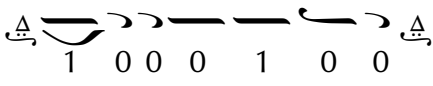
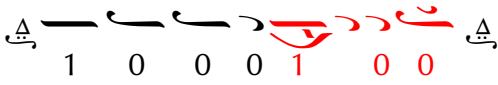

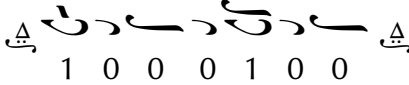
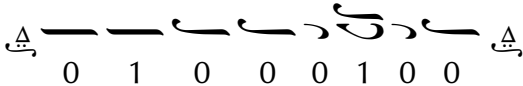
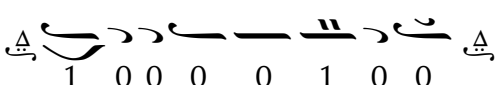
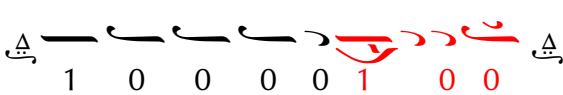



1 0 0 1 0 0

0100100

0 1 0 0 1 0 0

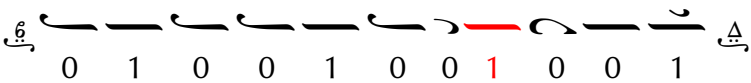

0 1 0 0 1 0 0

*Second Mode - Heirmologic (Soft Chromatic)*

0000100		
1000100		
		
		
		
		
		
01000100		
10000100		
		
01010010X		

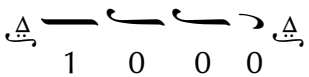
Accented on fourth to last syllable:

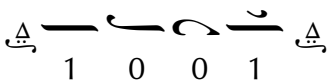
From Vou

01001001001		
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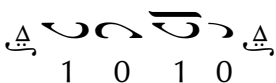
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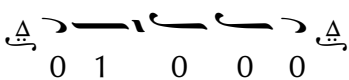
From Di

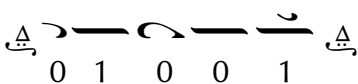
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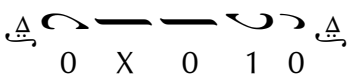
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1010 

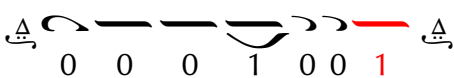


01000 


01001 

0X010 

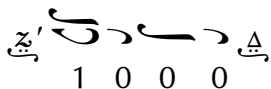
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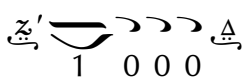
0001001 



10001001 

From Zo

1000 



*Second Mode - Heirmologic (Soft Chromatic)*

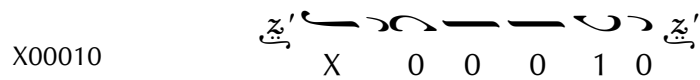
**D) Cadences on Zo**

Accented on second to last syllable:

From Di

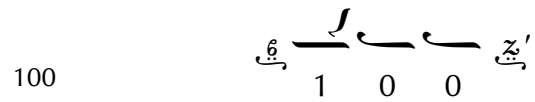


From Zo

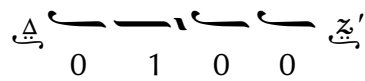
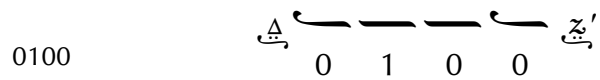


Accented on third to last syllable:

From Vou



From Di



*Second Mode - Heirmologic (Soft Chromatic)*

**E) Formulae with Fthoras**

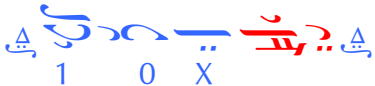

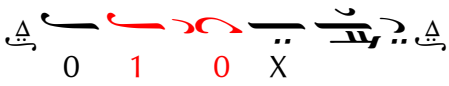
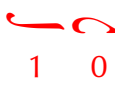
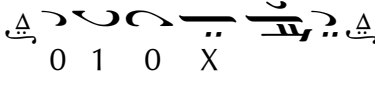

00100  $\begin{array}{c} \Delta \rightarrow \text{---} \curvearrowright \rightarrow \rightarrow \rightarrow \rightarrow \Gamma \\ 0 \quad 0 \quad 1 \quad 0 \quad 0 \quad \rho^x \end{array}$

$\begin{array}{c} \Delta \rightarrow \text{---} \curvearrowright \rightarrow \rightarrow \rightarrow \rightarrow \Gamma \\ 0 \quad 0 \quad 1 \quad 0 \quad 0 \quad \rho^x \end{array}$



*Second Mode - Heirmologic (Soft Chromatic)*

**G) Endings for Theotokia\***

10X		
010X		
		
0010X		

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\* The two formulae in blue in this section are from the Athonite oral tradition, as represented in the book *Παρακλητικῆς, Μουσικὸν Ἐγκόλπιον, Πλάγιοι Ἦχοι*, Ἱεροθέου Ἱερομονάχου, ἐκδόσεις Ἱ.Μ. Φιλοθέου, Ἅγιον Ὄρος, 2004.