

BYZANTINE MUSIC FORMULÆ

Plagal First Mode - Papadic

Contents

Prelude Melodies

A) Initial Syllable	1735
---------------------------	------

Medial Cadences on Pa

B) Accented on Last Syllable.....	1738
C) Accented on Second to Last Syllable.....	1750
D) Accented on Third to Last Syllable.....	1767
E) Accented on Fourth to Last Syllable.....	1798

Medial Cadences on Di

F) Accented on Last Syllable.....	1802
G) Accented on Second to Last Syllable.....	1809
H) Accented on Third to Last Syllable.....	1814
I) Accented on Fourth to Last Syllable.....	1817

Medial Cadences on Ke

J) Accented on Last Syllable.....	1818
K) Accented on Second to Last Syllable.....	1824
L) Accented on Third to Last Syllable.....	1836
M) Accented on Fourth to Last Syllable.....	1843

Medial Cadences on Low Ke

N) Accented on Last Syllable.....	1845
O) Accented on Second to Last Syllable.....	1848
P) Accented on Third to Last Syllable.....	1851
Q) Accented on Fourth to Last Syllable.....	1852

Medial Cadences on High Pa

R) Accented on Last Syllable.....	1853
S) Accented on Second to Last Syllable.....	1853
T) Accented on Third to Last Syllable.....	1854

Plagal First Mode - Papadic

Medial Cadences on Enharmonic High Zo

U) Accented on Last Syllable	1855
V) Accented on Second to Last Syllable	1856
W) Accented on Fourth to Last Syllable	1857

Medial Cadences on Diatonic High Zo

X) Accented on Last Syllable.....	1858
Y) Accented on Second to Last Syllable	1858

Medial Cadences on High Nee

Z) Accented on Last Syllable.....	1860
AA) Accented on Second to Last Syllable.....	1861
AB) Accented on Third to Last Syllable	1861

Medial Cadences on Ga

AC) Accented on Last Syllable	1862
AD) Accented on Second to Last Syllable	1863
AE) Accented on Third to Last Syllable	1864

Medial Cadences on Low Zo

AF) Accented on Last Syllable.....	1865
AG) Accented on Third to Last Syllable	1865

Other Medial Cadences

AH) Medial Cadences on Vou	1868
AI) Medial Cadences on Low Di	1868

Old Sticheraric Formulae

AJ) Accented on Last Syllable	1870
AK) Accented on Second to Last Syllable	1872
AL) Accented on Third to Last Syllable	1876
AM) Accented on Fourth to Last Syllable	1881

Final Cadences

AN) Accented on Third to Last Syllable	1883
--	------

Sources

All formulae found in the following list of sources have been included in this compilation (non-Greek sources are in gray):

- Χερουβικὸν Πέτρου Μπερεκέτου (*Ἄπαντα*, σελ. 590)
Χερουβικὸν Ἀντωνίου Οἰκονόμου (ἐξήγησις Κωνσταντίνου Φωτοπούλου)
Χερουβικὸν Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 68)
Χερουβικὸν Πέτρου Πελοποννησίου (Ἀνέκδοτον Χειρόγραφον ἐκ τῆς Βιβλιοθήκης Δημητσάνας)
Χερουβικὸν Θεοδώρου Φωκαέως (*Μουσικὴ Συλλογὴ*, τ. Γ', σελ. 76)
Χερουβικὸν Ἰωάσαφ Διονυσιάτου (*Μελωδήματα Ἀσκήσεων Λειτουργικῆς*, σελ. 102)
Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου (*Ταμειὸν Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 55)
Χερουβικὰ Ἀγαθαγγέλου Κυριαζίδου (*Αἱ Δύο Μέλισσαι*, σελ. 413 καὶ 430)
- Ἀντὶ Χερουβικοῦ «Σιγησάτω», Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 679)
Ἀντὶ Χερουβικοῦ «Σιγησάτω», Ἰακώβου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 683)
Ἀντὶ Χερουβικοῦ «Σιγησάτω», Θεοδώρου Φωκαέως (*Ταμειὸν Ἀνθολογίας - Λειτουργία Α', Φωκαέως*, σελ. 328)
Ἀντὶ Χερουβικοῦ «Σιγησάτω» «Σωτηρίαν εἰργάσω» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 613)
Ἀντὶ Χερουβικοῦ «Σιγησάτω» «Μακάριοι οὐς ἐξελέξω» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 615)
- Χερουβικὸν Πέτρου Πελοποννησίου, *Цветособрание*, 1847, σελ. 39 (Slavonic adaptation by Никола Трандафилов).
Χερουβικὸν Πέτρου Πελοποννησίου, *Ръководство*, 1912, σελ. 647 (Slavonic adaptation by Петър Сарафов).
Χερουβικὸν Πέτρου Ἐφεσίου, *Цветособрание*, 1847, σελ. 59 (Slavonic adaptation by Никола Трандафилов).
Χερουβικὸν Θεοδώρου Φωκαέως, *Литургия*, 1872, σελ. 161 (Slavonic adaptation by Тодор Икономов).
Χερουβικὸν Ἄντον Πάνν, (Romanian Χερουβικο-Κινονικα, *Τομουλ 1*, σελ. 28)
Χερουβικὸν Διονυσίου Φωτεινοῦ (Romanian manuscript: *Biblioteca Mănăstirii Neamț nr001*, φ. 355)

Plagal First Mode - Paradic

From the following list of sources, however, only all their brief and medium-sized formulae have been included in this compilation. Formulae in them that are very long (i.e., more than four lines long) have been omitted from this compilation.

- Χερουβικὸν Θεοφάνους Πατριάρχου τοῦ Καρύκη (ΕΒΕ-ΜΠΤ 705, φφ. 18^v-19^r)
Χερουβικὸν Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 93)
Χερουβικὸν Πέτρου Πελοποννησίου «Ἀνέκδοτον» (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 133)
Χερουβικὰ Κωνσταντίνου Πρωτοψάλτου (*Ταμειὸν Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 46, 51)
Χερουβικὸν Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 184)
Χερουβικὸν Πέτρου τοῦ Βυζαντίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 206)
Χερουβικὸν Γρηγορίου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 239)
Χερουβικὸν Γρηγορίου Πρωτοψάλτου «Μέγιστον» (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 286)
Χερουβικὸν Χουρμουζίου Χαρτοφύλακος (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 346)
Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 386)
Χερουβικὸν Πέτρου Ἐφεσίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 416)
Χερουβικὸν Πέτρου Ἐφεσίου (ἀνέκδοτον)
Χερουβικὸν Θεοδώρου Φωκαέως (ἀργόν) (*Ταμειὸν Ἀνθολογίας - Λειτουργία Α', Φωκαέως*, σελ. 271)
Χερουβικὸν Πέτρου Μπερεκέτου (*Ἄπαντα*, Τόμος Γ', σελ. 523)
Χερουβικὸν Γεωργίου Ραιδεστηνοῦ (*Χερουβικάριον*, σελ. 275)
Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου, *Литургия*, 1872, σελ. 183 (Slavonic adaptation by Тодор Икономов).
Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου, *Ръководство*, 1912, σελ. 670 (Slavonic adaptation by Петър Сарафов).
Χερουβικὸν Γρηγορίου Πρωτοψάλτου, *Cântările Sfintei Liturghii*, 2000, σελ. 173 (Romanian adaptation by Arhiereu Nectarie Tripoleos).
Χερουβικὸν Πέτρου Πελοποννησίου, *Cântările Sfintei Liturghii*, 2000, σελ. 121 (Romanian adaptation by Arhiereu Nectarie Tripoleos).
Χερουβικὸν Θεοδώρου Φωκαέως, *Cântările Sfintei Liturghii*, 2000, σελ. 144 (Romanian adaptation by Schim. Nectarie).
- Ἀντὶ Χερουβικοῦ «Νῦν αἱ Δυνάμεις», Γεωργίου Ῥυσίου (*Χερουβικάριον Θεοδωρακοπούλου*, σελ. 426)
Ἀντὶ Χερουβικοῦ «Σιγησάτω», Νικηφόρου τοῦ Ἡθικοῦ (ἐξήγησις Χουρμουζίου Χαρτοφύλακος)

- Κοινωνικὸν «Ἀγαλλιᾶσθε δίκαιοι» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 739)
- Κοινωνικὸν «Ἀγαλλιᾶσθε δίκαιοι» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 58)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Ξένου Κορώνη (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 106)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Φωκᾶ (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 118)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Μανουήλ τοῦ Κορώνη (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 106)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Γεωργίου τοῦ Παναρέτου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 119)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον», Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 484)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» σύντομον, Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 499)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 208)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 48)
- Κοινωνικὸν «Γεύσασθε» Ἄγ. Ἰωάννου Κουκουζέλου (*Ἐκλογὴ Ἔργων*, σελ. 47)
- Κοινωνικὸν «Εἰς μνημόσυνον» Μανουήλ Χρυσάφου τοῦ παλαιοῦ (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 158v)
- Κοινωνικὸν «Εἰς μνημόσυνον» Νικηφόρου Ἡθικοῦ (ΕΒΕ-ΜΠΤ 727)
- Κοινωνικὸν «Εἰς μνημόσυνον», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 218)
- Κοινωνικὸν «Εἰς μνημόσυνον» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 51)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Γεωργίου τοῦ Ἀργυροπούλου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 163)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 54)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 833)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Πέτρου Μπερεκέτου (*Ἄπαντα*, Τόμος Γ', σελ. 757)
- Κοινωνικὸν «Ἐκ στόματος νηπίων» Πέτρου Μπερεκέτου (*Ἄπαντα*, Τόμος Γ', σελ. 770)
- Κοινωνικὸν «Ἐν τῷ φωτί σου», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 216)

- Κοινωνικὸν «Ἐξηγέρθη ὡς ὁ ὑπνῶν» Γεωργίου τοῦ Κρητός (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 686)
- Κοινωνικὸν «Ἐξηγέρθη ὡς ὁ ὑπνῶν», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 211)
- Κοινωνικὸν «Ἐπαίνει Ἱερουσαλήμ» Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 714)
- Κοινωνικὸν «Ἐπαίνει Ἱερουσαλήμ» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 717)
- Κοινωνικὸν «Ἐπαίνει Ἱερουσαλήμ», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 215)
- Κοινωνικὸν «Ἐσημειώθη ἐφ' ἡμᾶς» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 630)
- Κοινωνικὸν «Ἐσημειώθη ἐφ' ἡμᾶς» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 56)
- Κοινωνικὸν «Εὐλόγησον τὸν στέφανον» Πέτρου Μπερεκέτου (*Ἄπαντα*, Τόμος Γ', σελ. 766)
- Κοινωνικὸν «Λύτρωσιν ἀπέστειλε» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 650)
- Κοινωνικὸν «Λύτρωσιν ἀπέστειλε» Μπαλασίου Ἱερέως (ἐξήγησις Χουρμουζίου Χαρτοφύλακος)
- Κοινωνικὸν «Μακάριοι οὓς ἐξελέξω» Γεωργίου τοῦ Παναρέτου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 171)
- Κοινωνικὸν «Μακάριοι οὓς ἐξελέξω» Ἀντωνίου τοῦ Νομοφύλακος (*Ἀθωνικὴ Ἀνθοδέσμη*, 1ος Τόμος, σελ. 314)
- Κοινωνικὸν «Ὁ ποιῶν τοὺς ἀγγέλους» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 50)
- Κοινωνικὸν «Ποτήριον Σωτηρίου» Μπαλασίου Ἱερέως (ἐξήγησις Κωνσταντίνου Θεοχάρη)
- Κοινωνικὸν «Ποτήριον Σωτηρίου» Γεωργίου τοῦ Κρητός (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 809)
- Κοινωνικὸν «Ποτήριον Σωτηρίου» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 53)
- Κοινωνικὸν «Σῶμα Χριστοῦ» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 702)
- Κοινωνικὸν «Σῶμα Χριστοῦ», Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 213)
- Κοινωνικὸν «Σωτηρίαν εἰργάσω» Ἀντωνίου τοῦ Νομοφύλακος (*Ἀθωνικὴ Ἀνθοδέσμη*, 1ος Τόμος, σελ. 312)
- Τριαδικὸν «Ἡ Ὑπεράρχιος» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Β',

Plagal First Mode - Paradic

σελ. 113)

Θεοτοκίον «Παντάνασσα» Πέτρου Πελοποννησίου (*Μουσική Πανδέκτη*, τ. Β',
σελ. 122)

Πασαπνοάρια τῶν Αἰνῶν, Ἰακώβου Πρωτοψάλτου (*Ταμειῶν Ἀνθολογίας*
Γρηγορίου, τ. Α', σελ. 377)

Plagal First Mode - Papadic

Key:

1 = accented syllable

0 = unaccented syllable

X = syllable that may be either accented or unaccented

O = (bold & italics) initial formula

$\chi\alpha$ = The original source inserted a "chi" (χ) while continuing the same vowel (which was not necessarily an alpha), even though the word the original text did not contain a "chi."

$\zeta\epsilon$ = The original source inserted an "n" followed by an epsilon (which sounds like "neh"), even though the word in the original text did not contain an "n" or an epsilon.

ζ = The original source inserted an "n" while continuing the same vowel, even though the original word did not contain an "n."

Syllables after a cross are repeated syllables. This does not mean, however, that there was a cross in that place in the original music. Since the cross is used in this particular manner for this compilation, any crosses in the original music were not included.

Variations of the same formula are indicated in color

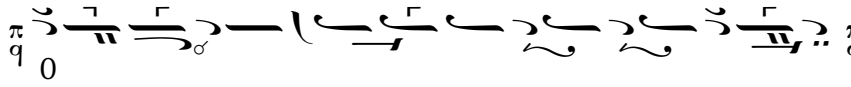
Formulae taken from Slavonic or Romanian adaptations of Greek cherubic hymns are written with gray notes.

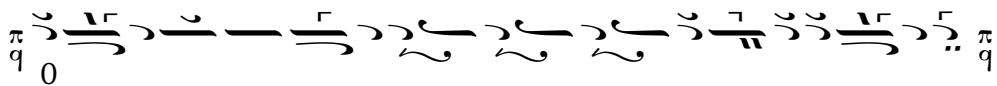
The parts of formulae from non-Greek adaptations that (in our opinion) seem substandard are highlighted: Yellow highlighting is used for unaccented syllables overemphasized by the melody and for accented syllables underemphasized by the melody. Green highlighting is used for an extra syllable inserted into a formula that according to the Greek paradigm should have fewer syllables. Green highlighting is also used when a syllable is missing from the place in a formula where the Greek paradigm requires a new syllable.

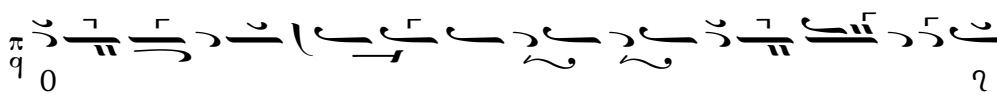
These and other formulae are available online at: <http://www.stanthonysonastery.org/music/FormulaP.html>

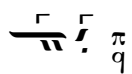
Prelude Melodies for Initial Syllable *

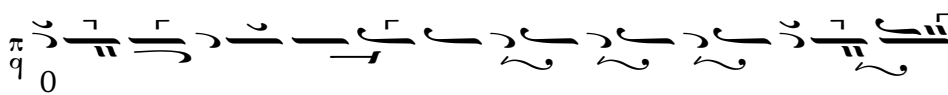
A) Initial Syllable

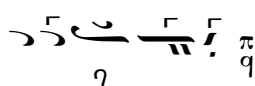
0 π_9 

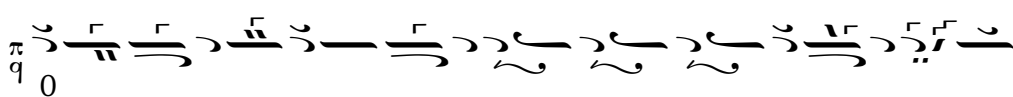
0 π_9 

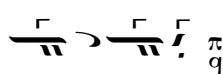
0 π_9 

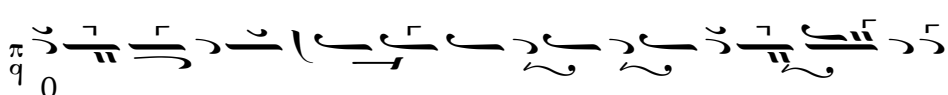
π_9 


0 π_9 

π_9 

0 π_9 

π_9 

0 π_9 

π_9 

* Some composers wrote brief preludes for the first syllable of papadic hymns. Immediately following this prelude, the hymn proper would start, beginning with the first syllable.

Medial Cadences on Pa

B) Accented on Last Syllable

Pa - Pa

00 π
q 0 0 q

00 π
q 0 χ^{α} q

000 π
q 0 0 0 q

000 π
q 0 0 0 q

000 π
q 0 q

01 π
q 0 1 q

01 π
q 0 1 q

Plagal First Mode - Papadic

001 π_q π_q

001 π_q π_q

001 π_q π_q

001 π_q π_q

001 π_q π_q

001 π_q π_q

001 π_q π_q

Plagal First Mode - Papadic

001

X01

X01

101

Plagal First Mode - Papadic

— π
 η

00001

π
 η 0 2 0

0 2 π
 η 0

0 0 0 0 1 η

00001

π
 η 0 0 2

η π
 η 0 2 χ^{α}

χ^{α} 2 η

0 0 0 0 1

π
 η 0 1 η'

0X001

π
 η 0 X 2 π
 η 0

2 0

π
 η 0

Plagal First Mode - Papadic

0 0 1 π_q

10001 π_q 1 0 0 0 0

0 0 1 π_q

010001 π_q 0 1 π_q 0 0 0

0 0 1 π_q

010001 π_q 0 1 0 0

0 1 0 0

0 1 π_q

010001 π_q 0 1 2 π_q 0 0

2 χ^{α} 2 2

0 0 0 0 1 π_q

0 1 Δ

Plagal First Mode - Papadic

100001

π_q 1 0 0 0 0
 π_q 2 0 0 0 1
 π_q

100001

π_q 1 0 0 0
 π_q 6 0
 π_q 0 0 0 1
 π_q

100001

π_q 1 0 0 0
 π_q
 π_q 0 0 0 1
 π_q

0010001

q_x 0 0 1 0
 q_x

Plagal First Mode - Papadic



Di - Pa

001

Δ
 δ
 π
 q

0 0 χ
 q 2

χ
 q χ
 α

0 0

π
 q

0 1 π
 q

010001

Δ
 δ
 π
 q

0 1 0 0 0 1 π
 q

0 0 0 1 π
 q

010001

Δ
 δ
 π
 q

0 1 0 0 0 1 0 0

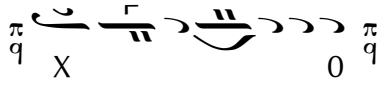
0 1 0 0

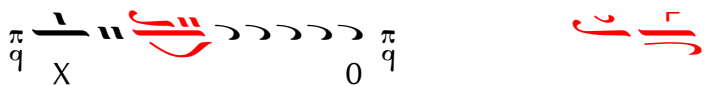
0 1 π
 q

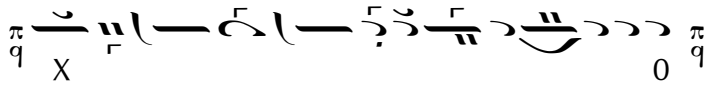
Plagal First Mode - Papadic

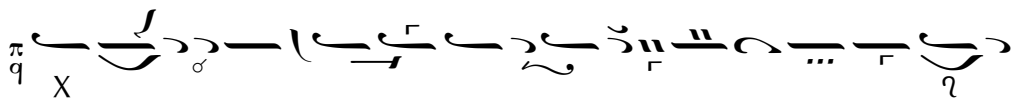
C) Accented on Second to Last Syllable

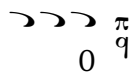
Pa - Pa

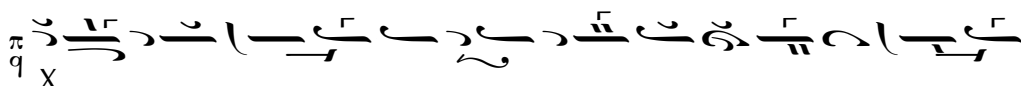
X0 π_9  π_9

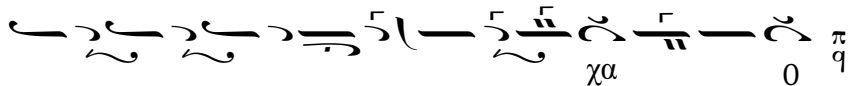
X0 π_9  π_9

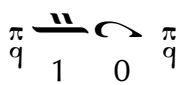
X0 π_9  π_9

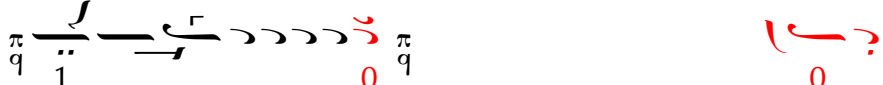
X0 π_9  π_9

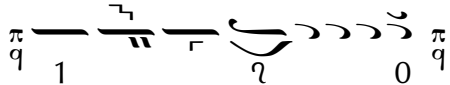
π_9  π_9

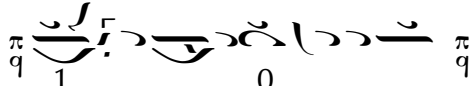
X0 π_9  π_9

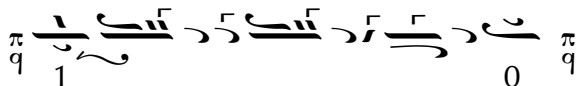
π_9  π_9

10 π_9  π_9

10 π_9  π_9

10 π_9  π_9

10 π_9  π_9

10 π_9  π_9

Plagal First Mode - Papadic

0 0 1

0 0

0010

0 0 1

0 0 1 0

0010

0 0 1

0 1 χ^{α} 0 0 1

0

0010

0 0 1

π_q

χ^{α} 0 0 1

π_q

0010

0 0 1

Plagal First Mode - Papadic

00010

π
 $\frac{\pi}{9}$ 0 0 0 1 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 1 $\frac{\pi}{9}$

χ^{α}

$\frac{\pi}{9}$ 0 $\frac{\pi}{9}$

00010

π
 $\frac{\pi}{9}$ 0 0 1 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 1 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 1 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 1 $\frac{\pi}{9}$

10010

π
 $\frac{\pi}{9}$ 1 0 $\frac{\pi}{9}$ 0 $\frac{\pi}{9}$ 1

$\frac{\pi}{9}$ 0 0 0 0 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 0 0 $\frac{\pi}{9}$

$\frac{\pi}{9}$ 0 0 0 0 $\frac{\pi}{9}$

Plagal First Mode - Papadic

10010 π_q $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$

π_q $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$

10010 π_q $\frac{1}{1}$ $\frac{1}{2}$

$\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{\lambda}$

$\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$

π_q $\frac{1}{0}$

010010 π_q $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$

π_q $\frac{1}{0}$

000010 π_q $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$

$\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{\alpha}$

$\frac{1}{\alpha}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$

π_q $\frac{1}{0}$

Plagal First Mode - Papadic

100010

100010

0010010

Plagal First Mode - Papadic

010 Δ
 δ
 $\frac{0}{1}$ χ^{α}
 π

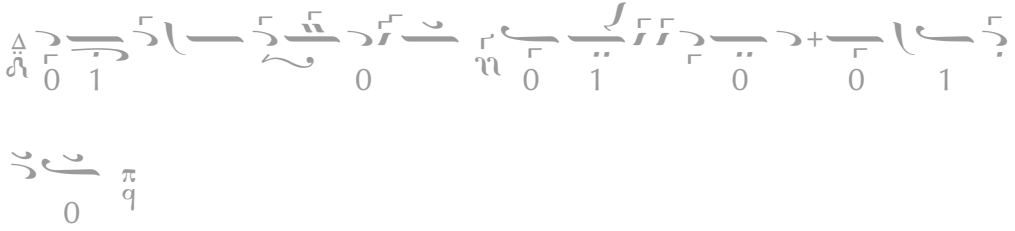
010 Δ
 δ
 $\frac{0}{1}$ $\frac{2}{\chi^{\alpha}}$
 $\frac{0}{1}$ $\frac{\pi}{9}$

0010 π
 $\frac{0}{0}$ $\frac{1}{\chi^{\alpha}}$ $\frac{0}{9}$
 0010 Δ
 δ
 $\frac{0}{0}$ $\frac{1}{1}$
 $\frac{\chi^{\alpha}}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{\pi}{9}$

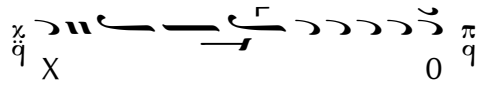
00010 Δ
 δ
 $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{\pi}{9}$


10010 Δ
 δ
 $\frac{1}{1}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{\pi}{9}$


Plagal First Mode - Papadic

010010 

Ke - Pa

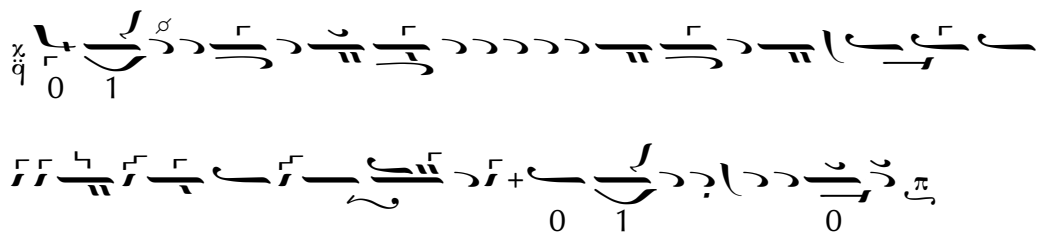
X0 

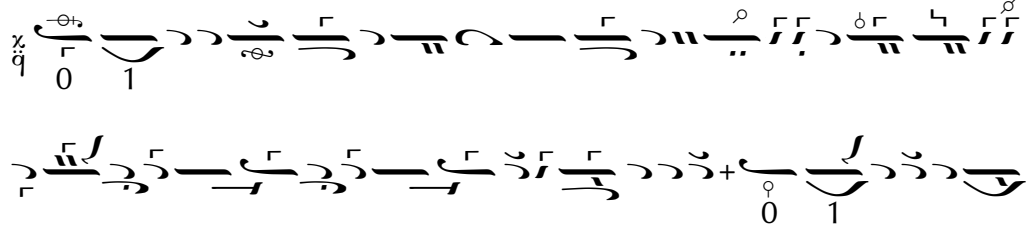
10 

010 

X10 

010 

010 

010 

Plagal First Mode - Papadic

0 π
q

0010

$\frac{x}{q}$ 0 0 1 0 π
q

0010

$\frac{x}{q}$ 0 0 1 χ^{α} 2

0 0 1 0

π
q

0010

$\frac{x}{q}$ 0 0 1 π

χ^{α} π
q

0 0 1 0

π
q

00010

$\frac{x}{q}$ 0 0 0 1 0 π
q

0 0

(010)010

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

Plagal First Mode - Papadic

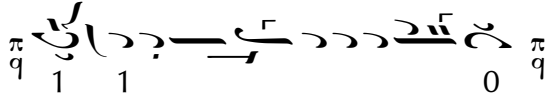



High Zo - Pa

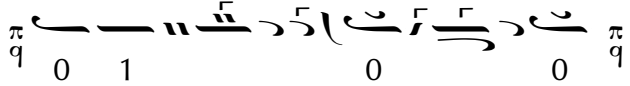
(010)010

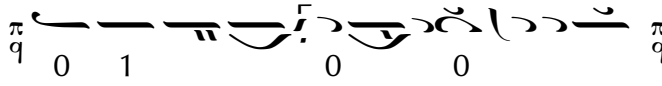


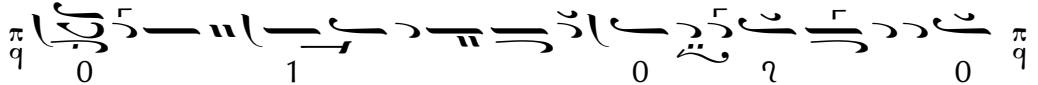
Plagal First Mode - Papadic


110 π_q  π_q

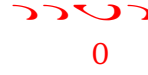
0100 π_q  π_q

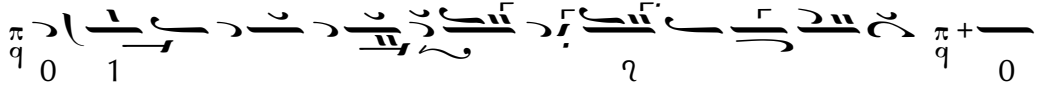
0100 π_q  π_q

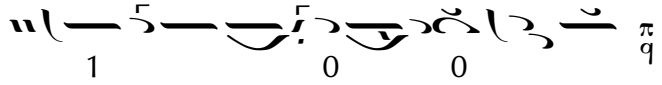
0100 π_q  π_q

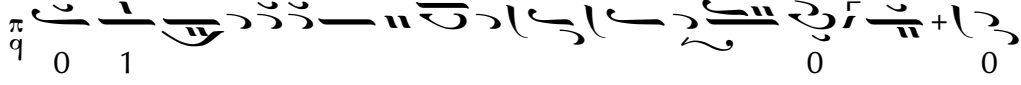
0100 π_q  π_q

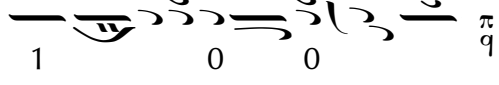
0100 π_q  π_q

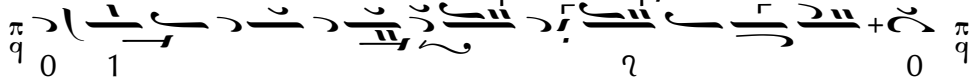


0100 π_q  π_q

π_q  π_q

0100 π_q  π_q

π_q  π_q

0100 π_q  π_q

Plagal First Mode - Papadic

00100 π_q π_q

π_q

00100 π_q π_q

π_q

00100 π_q π_q

π_q

π_q

00100 π_q π_q

π_q

π_q

00100 π_q π_q

π_q

π_q

Plagal First Mode - Papadic

00100 π
 $\frac{1}{9}$ 0 " 0 1 $\frac{2}{9}$ 2
 0 0 1 0

00100 π
 0 0 1 0 0 1
 0 0 0 1
 0 0 $\frac{\pi}{9}$ 0 1

00100 π
 $\frac{1}{9}$ 0 0 1
 0 0 0 1 0 0 $\frac{\pi}{9}$

00100 π
 0 0 1
 $\frac{\pi}{9}$ 0 0 1 0 0 $\frac{\pi}{9}$

Plagal First Mode - Papadic

00100

π
 $\frac{\pi}{q}$ 0 0 1

00100

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

00100

π
 $\frac{\pi}{q}$ 0 2 0

Plagal First Mode - Papadic

000100

π_9 0 0
 0 0 0 1
 π_9 0 0 0 0 1 0
 π_9

000100

π_9 0 0 0 1 0
 0 0 0 1 0
 π_9 0 0 0 0 1
 π_9

010100

π_9 0 1 0 1 0
 π_9 0 1 0 1 1
 π_9

X00100

π_9 X 0 0 1

Plagal First Mode - Papadic

0 2 0 π_9

100100

π_9 1 0 0 1 0 2

0 π_9

100100

π_9 1 0 0 1 0 0 1

0 0 π_9

100100

π_9 1 0 0 1

0 0 π_9

100100

π_9 1 0 0 1

0 1 0

0 π_9

100100

π_9 1 0 0 1 2

0 1 0 0 1 0

Plagal First Mode - Papadic

0 π ₉

100100

π ₉ 1 2

0 0 1 2

1 0 0 1

0 1 0 0 1 0 0

π ₉

100100

π ₉ 1 0

2 0 1 0 0

1 2 χ^a 2

1 0 0 1

0 1 0 0 1 0

0 π ₉

(10)0100

π ₉ 0 1 0

Plagal First Mode - Papadic

0100

00100

00100

00100

00100

Plagal First Mode - Papadic

0100100

1000101

00100100

00100100

Plagal First Mode - Papadic

1 0 0 π _q

000100100 Δ _d 0 0 0 1 0 0 1 0

0 π _q

Ke - Pa

100 \times _q 1 1 0 0 π _q

100 \times _q 1 0 1 0

0 π _q

100 \times _q 1 1 1 0

0 π _q

100 \times _q 1

π + 1 0

0 π _q

Plagal First Mode - Papadic

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

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

0100 $\frac{\pi}{q}$ 0 1 $\frac{\pi}{q}$ 2 0 χ^α

0 2 0 1

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

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

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

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

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

0100 $\frac{\pi}{q}$ 0 1 χ^α $\frac{\Delta}{\delta}$

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

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

Plagal First Mode - Papadic


00100 $\frac{\chi}{q}$  π_q

00100 $\frac{\chi}{q}$  π_q


 π_q

00100 $\frac{\chi}{q}$  π_q

 π_q

00100 $\frac{\chi}{q}$  π_q

χ^α  π_q

 π_q

00100 $\frac{\chi}{q}$  π_q

$\frac{\pi}{\epsilon}$  π_q

 π_q

00100 $\frac{\chi}{q}$  π_q

Plagal First Mode - Papadic

0010X

X0100

000100

000100

000100

Plagal First Mode - Papadic

π_q

100100

π_q

100100

π_q

100100

π_q


(10)0100

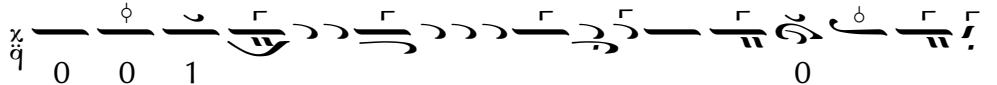
π_q

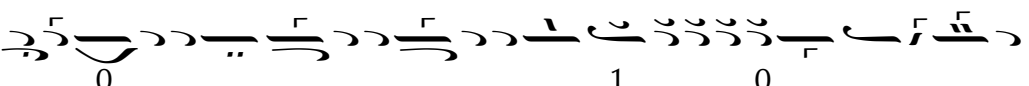
(10)0100

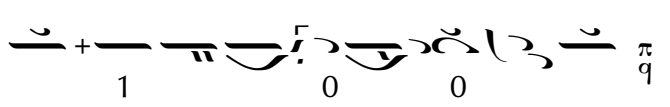
$\chi\alpha$

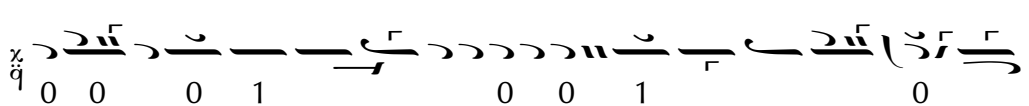
Plagal First Mode - Papadic

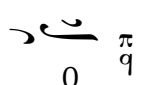
0100X0X $\frac{x}{q}$  $\frac{\pi}{q}$

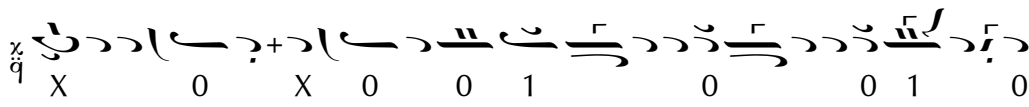
00100100 $\frac{x}{q}$  $\frac{\pi}{q}$

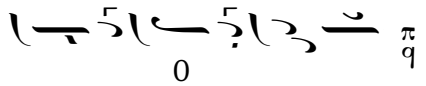
 $\frac{\pi}{q}$

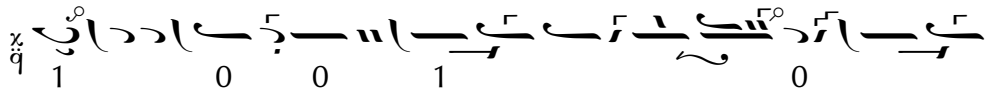
 $\frac{\pi}{q}$

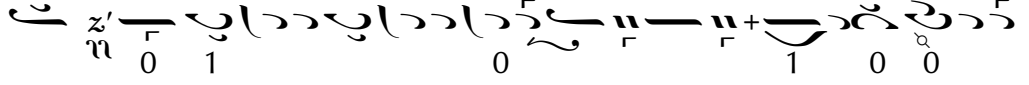
000100100 $\frac{x}{q}$  $\frac{\pi}{q}$


 $\frac{\pi}{q}$

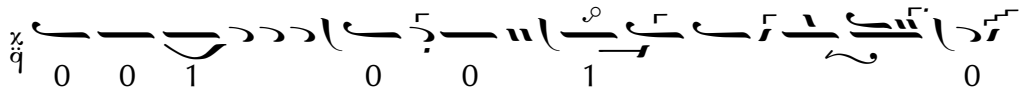
X00100100 $\frac{x}{q}$  $\frac{\pi}{q}$

 $\frac{\pi}{q}$

100100100 $\frac{x}{q}$  $\frac{\pi}{q}$

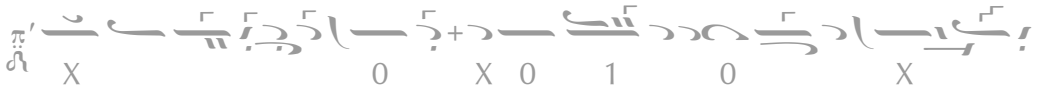
 $\frac{\pi}{q}$

 $\frac{\pi}{q}$

00100100100 $\frac{x}{q}$  $\frac{\pi}{q}$

Plagal First Mode - Papadic

High Pa - Pa

X010X 



0100100 



Plagal First Mode - Papadic

001001001

Di - Pa

01001

Ke - Pa

X010

Plagal First Mode - Papadic

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

001001 $\frac{\pi}{q}$ $\frac{\pi}{q}$

10001001 $\frac{\pi}{q}$ $\frac{\pi}{q}$

High Pa - Pa

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

Plagal First Mode - Papadic

0001 π^q 0 0 0 0 0

0 1 Δ 0 1

0001 π^q 0 0 Δ 1 0 0 0 1

Δ

10001 π^q 1 0 0 0 0

0 0 0 1

Δ

00001 π^q 0 $\chi\alpha$ 0

0 0 0 0

Δ

0 0 0 1

Δ

Plagal First Mode - Papadic

000001

π
 $\frac{7}{9}$

 $\frac{7}{9}$

000001

π
 $\frac{7}{9}$

 $\frac{7}{9}$

X00001

π
 $\frac{7}{9}$

 $\frac{7}{9}$

Plagal First Mode - Papadic





100010





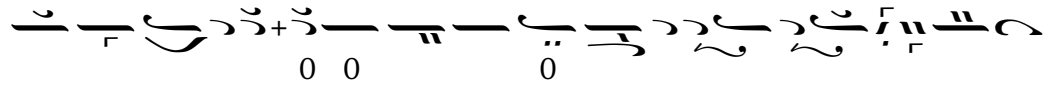
100010

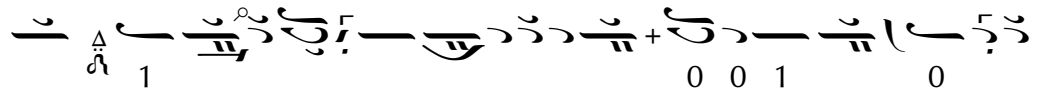


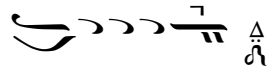


100010

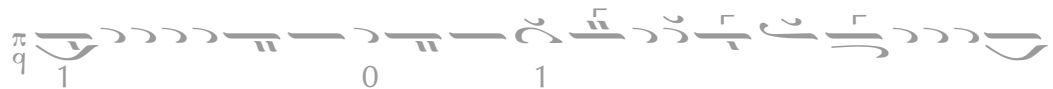








10100010





Plagal First Mode - Papadic

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

Di - Di

10 $\overset{\Delta}{\text{A}}$ 1 $\overset{\Delta}{\text{A}}$ 0 $\overset{\Delta}{\text{A}}$

10 $\overset{\Delta}{\text{A}}$ 1 $\overset{\Delta}{\text{A}}$ 0 $\overset{\Delta}{\text{A}}$

010 $\overset{\Delta}{\text{A}}$ 0 1 $\overset{\Delta}{\text{A}}$ 0 $\overset{\Delta}{\text{A}}$

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

010

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

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

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

10010

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

Plagal First Mode - Papadic

100100100

100100100

Ga - Di

100

Plagal First Mode - Papadic

I) Accented on Fourth to Last Syllable

Pa - Di

1000

$\overset{\pi}{\underset{q}{\text{r}}}$ 1 0 + 1 0 0 0

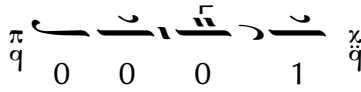
$\overset{\pi}{\underset{q}{\text{r}}}$ $\overset{\Delta}{\text{d}}$ 1 0

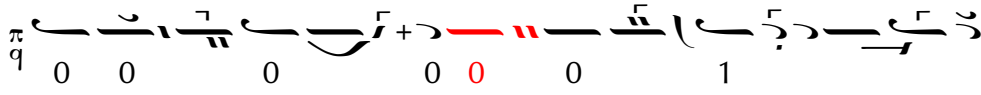
Ga - Di


1001

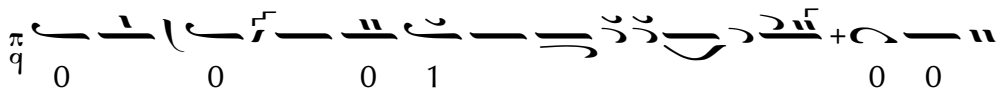
$\overset{\pi}{\underset{q}{\text{r}}}$ 1 0 0 1 $\overset{\Delta}{\text{d}}$

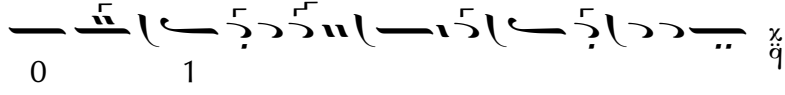
Plagal First Mode - Papadic

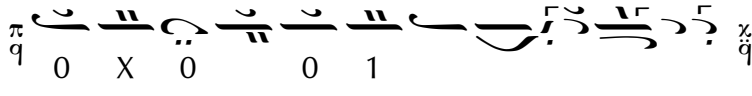
0001 π_q  $\frac{x}{q}$


0001 π_q  $\frac{x}{q}$


 $\frac{x}{q}$

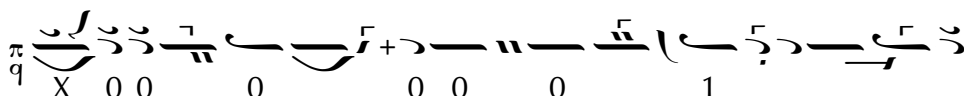
0001 π_q  $\frac{x}{q}$

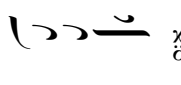
 $\frac{x}{q}$

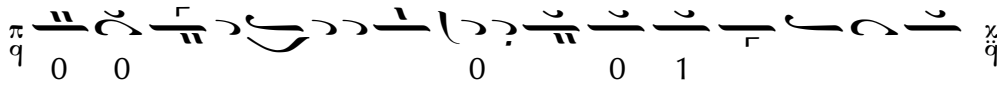
0X001 π_q  $\frac{x}{q}$

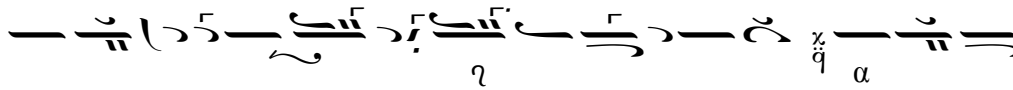
X0001 π_q  $\frac{x}{q}$

X0001 π_q  $\frac{x}{q}$

X0001 π_q  $\frac{x}{q}$

 $\frac{x}{q}$

00001 π_q  $\frac{x}{q}$

 $\frac{x}{q}$

Plagal First Mode - Papadic

$\mu\varepsilon$ $\varepsilon\varsigma$ $\frac{z}{q}$

00001

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

Δ 0 0 1 $\frac{z}{q}$

$\frac{z}{q}$

00001

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

$\frac{z}{q}$

$\chi\alpha$ $\frac{z}{q}$ $\chi\alpha$

$\chi\alpha$ 0 0 $\frac{z}{q}$

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

X00001

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

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

X00001

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

Plagal First Mode - Papadic

X00001

X00X01

X00X01

Plagal First Mode - Papadic

0001 $\frac{x}{q}$ $\frac{x}{q}$

00001 $\frac{x}{q}$ $\frac{x}{q}$

00001 $\frac{x}{q}$ $\frac{x}{q}$

$\frac{x}{q}$

00001 $\frac{x}{q}$ $\frac{x}{q}$

$\frac{x}{q}$

High Pa - Ke

001 $\frac{x}{q}$ $\frac{x}{q}$

$\frac{x}{q}$

Plagal First Mode - Papadic

K) Accented on Second to Last Syllable

Pa - Ke

10 π _q Pa - Ke

10 π _q

10 π _q

10 π _q

10 π _q

10 π _q

10 π _q

10 π _q

Plagal First Mode - Papadic

0 $\frac{x}{q}$

10

1 $\frac{x}{q}$

0 $\frac{x}{q}$

10

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

1 0

0 $\frac{x}{q}$

10

1 $\chi\alpha$

$\chi\alpha$ $\frac{x}{q}$

0 $\frac{x}{q}$

010

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

010

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

010

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

Plagal First Mode - Papadic

— 0 $\frac{x}{q}$

010 $\frac{\pi}{q}$ 0 1 0 1

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

010 $\frac{\pi}{q}$ 0 1 2 $\frac{x}{q}$

0 1 0

$\frac{x}{q}$

01X $\frac{\pi}{q}$ 0 1 X $\frac{\circ}{x}$

0010 $\frac{\pi}{q}$ 0 0 1

$\frac{\pi}{q}$ $\chi\alpha$

0

$\frac{x}{q}$

0010 $\frac{\pi}{q}$ 0 0 1 2

Plagal First Mode - Papadic

10010 π_q

10 π_q

000010 π_q

000010 π_q

0010010 π_q

Plagal First Mode - Papadic

0010010

π_q 0 0 1 $\frac{x}{q}$

2 0 0 1

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

1000010

π_q 1 0 0 0

0 1 2 2

0 0 0 1

0 $\frac{x}{q}$

00100010

π_q 0 0 1 0 0 0

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

000100010

π_q 0 0 0 1 2

0 π_q 0 0 1 2

0 0 1 0

Plagal First Mode - Papadic

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Plagal First Mode - Papadic

0010

0010

0010

0010

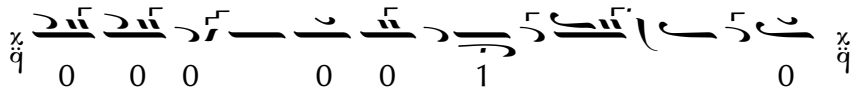
10010

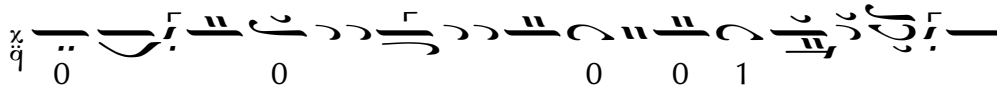
00010

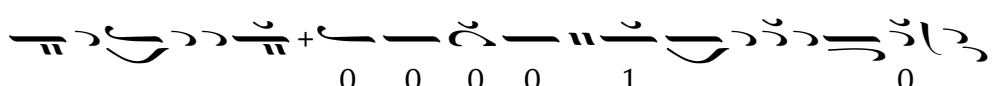
000010


000010

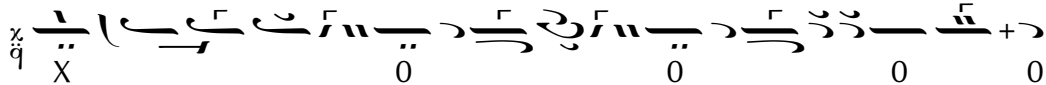
Plagal First Mode - Papadic


000010 $\frac{x}{q}$  $\frac{x}{q}$


000010 $\frac{x}{q}$  $\frac{x}{q}$

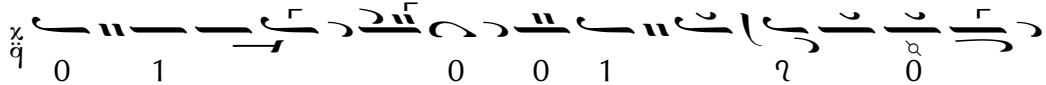
 $\frac{x}{q}$


 $\frac{x}{q}$

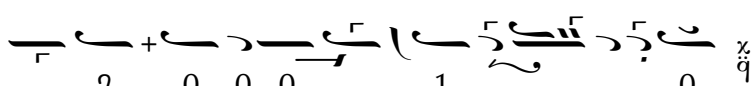
X00010 $\frac{x}{q}$  $\frac{x}{q}$

 $\frac{x}{q}$

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

0100100010 $\frac{x}{q}$  $\frac{x}{q}$




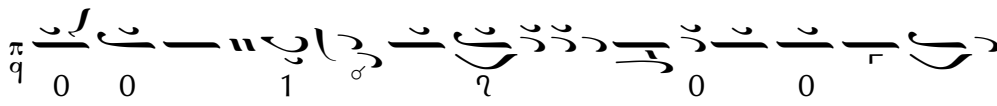
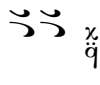
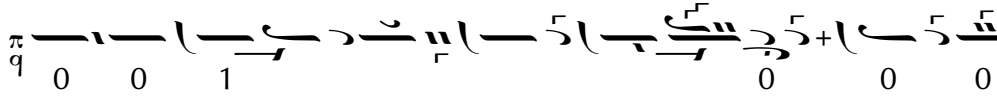
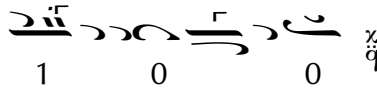
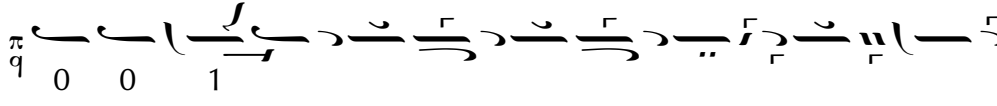
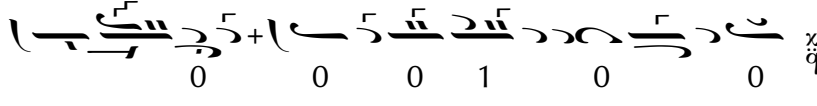
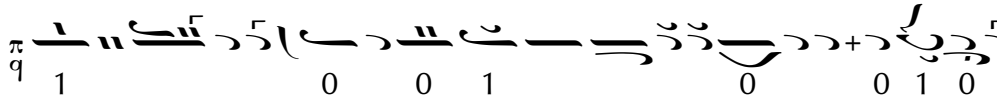
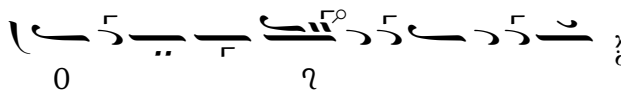
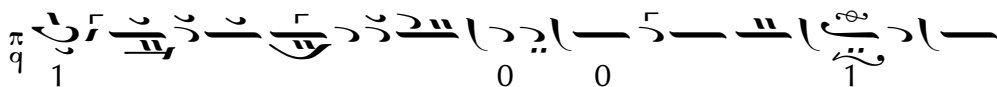
 $\frac{x}{q}$

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

Plagal First Mode - Papadic

L) Accented on Third to Last Syllable

Pa - Ke

100	
100	
00100	
00100	
	
00100	
	
00100	
	
100100	
	
100100	

Plagal First Mode - Papadic

100101

(10)0100

000010X

Di - Ke

100

100100

Plagal First Mode - Papadic

— $\frac{x}{q}$

0100100

Δ $\frac{x}{q}$

$\frac{x}{q}$

0100100

Δ $\frac{x}{q}$

$\frac{x}{q}$

$\frac{x}{q}$

$\frac{x}{q}$

00100100

Δ $\frac{x}{q}$

$\frac{x}{q}$

$\frac{x}{q}$

$\frac{x}{q}$


Ke - Ke

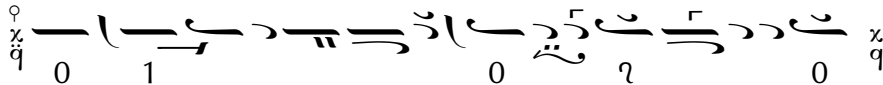
0100


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

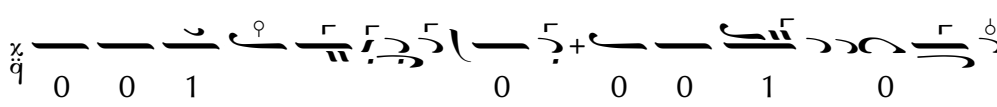
$\frac{x}{q}$

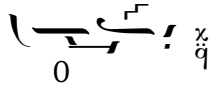
Plagal First Mode - Papadic


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


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

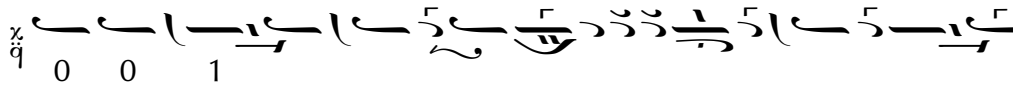
00100 $\frac{x}{q}$  $\frac{x}{q}$

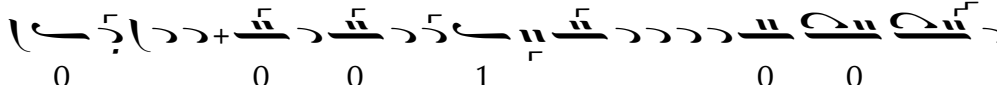
00100 $\frac{x}{q}$  $\frac{o}{x}$


 $\frac{x}{q}$

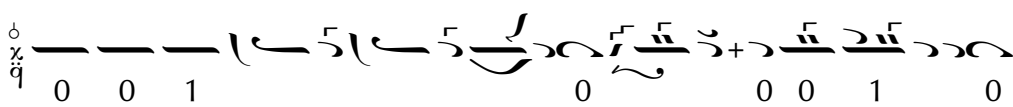
00100 $\frac{x}{q}$  $\frac{x}{q}$

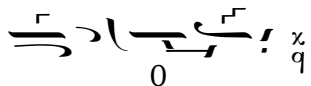
 $\frac{x}{q}$

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

 $\frac{x}{q}$

 $\frac{x}{q}$

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

 $\frac{x}{q}$

Plagal First Mode - Papadic

00100

$\frac{x}{q}$

 0 0 1

0 0 0 1 0 0

$\frac{x}{q}$

10100

$\frac{x}{q}$

 1 0 1 0 1

1 0 1

1 0 1 0 0 2

$\frac{x}{q}$

10100

$\frac{x}{q}$

 1 0 1

χ^{α} 2 1 $\frac{x}{q}$ 0

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

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

0 $\frac{x'}{x}$

Plagal First Mode - Papadic

100100100

$\frac{x}{q}$

High Zo - Ke


010010X

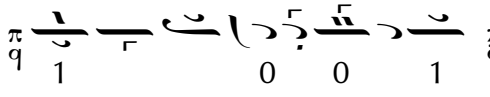
$\frac{x}{q}$

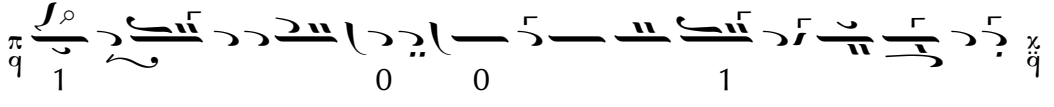
Plagal First Mode - Papadic

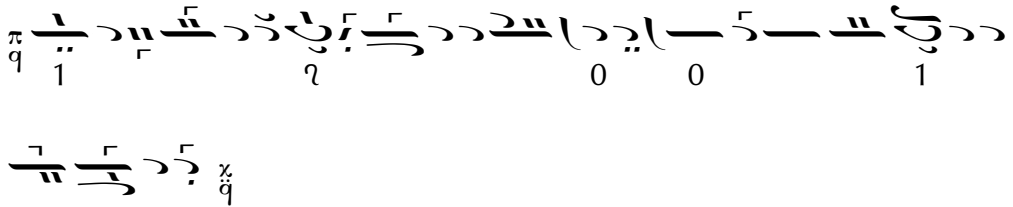
M) Accented on Fourth to Last Syllable

Pa - Ke

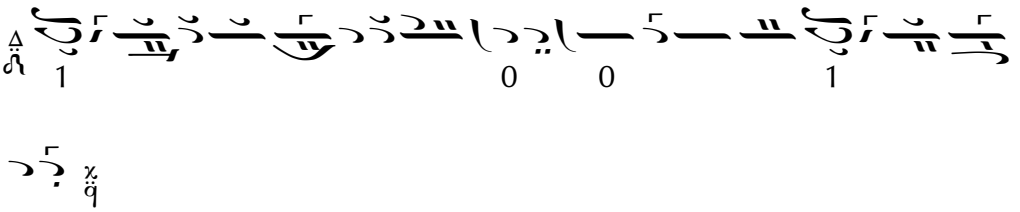
1000 

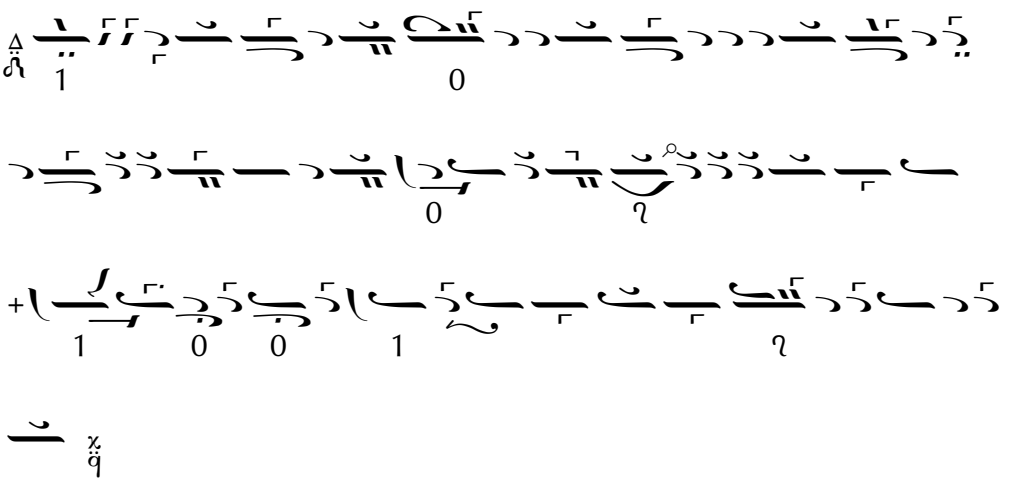
1001 

1001 

1001 

Di - Ke

1001 

1001 

Plagal First Mode - Papadic

001001

$\overset{\Delta}{\delta\lambda}$

Ke - Ke

1001

$\frac{x}{q}$

1001

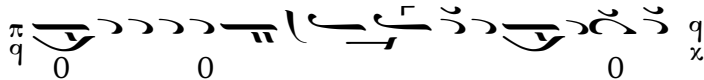
$\frac{x}{q}$

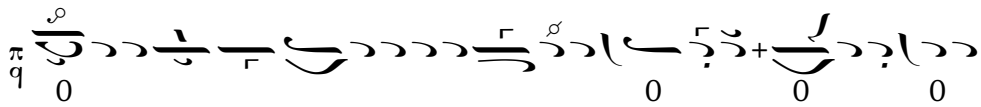
Plagal First Mode - Papadic

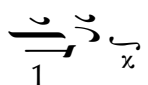
Medial Cadences on Low Ke

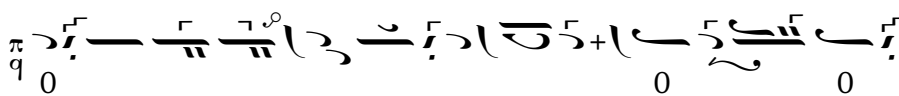
N) Accented on Last Syllable

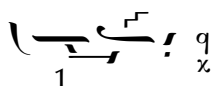
Pa - Low Ke

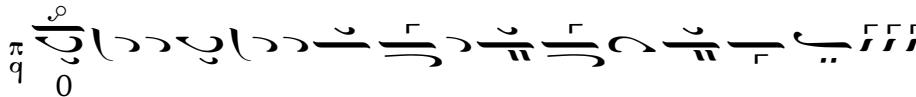
001 

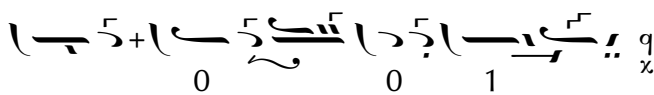
001 

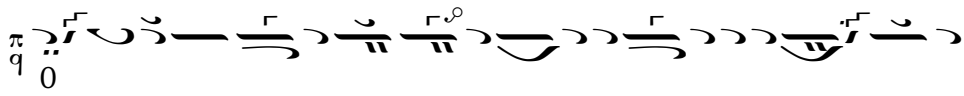


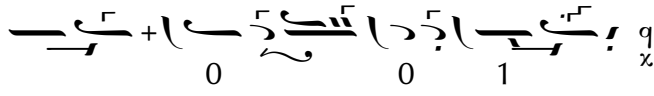
001 

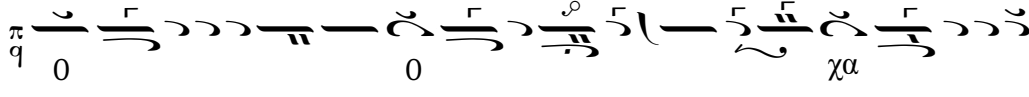



001 



001 



001 



Plagal First Mode - Papadic

001

X01

X01

X01

Plagal First Mode - Papadic

د D

د د د د د د د د D

X01

د د د د د د د د د د د د د D

د د د د د د د د د D

د د د د D

X01

د د د د د د د D

د د د د د D

د د د د D

0001

د د د د D

د د د D

د د د D

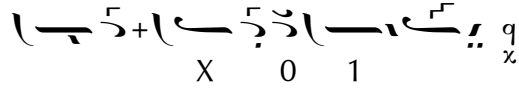
د د D


Plagal First Mode - Papadic

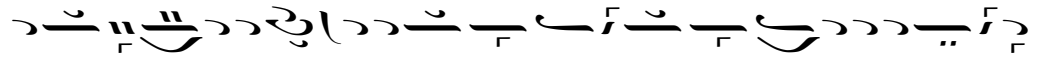
P) Accented on Third to Last Syllable

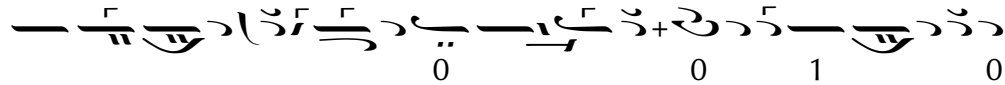
Pa - Low Ke

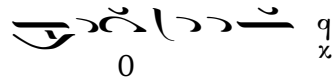
X01 

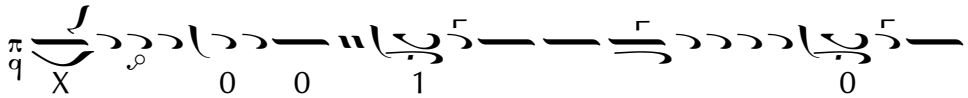


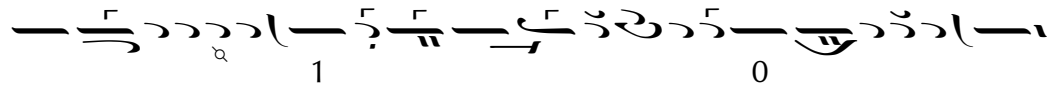
0100 

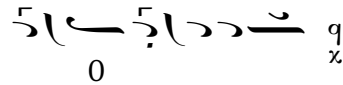




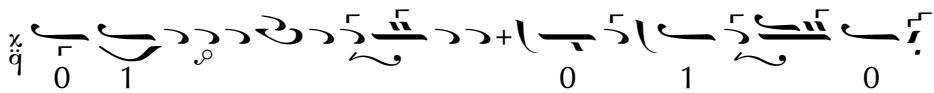


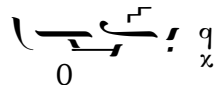
X0010100 





Ke - Low Ke


0100 

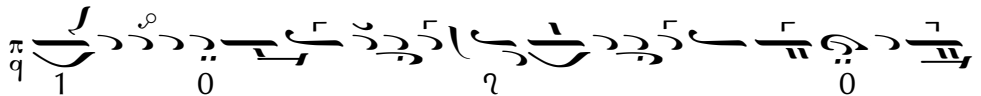


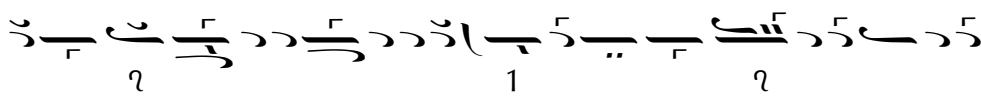
Plagal First Mode - Papadic


Q) Accented on Fourth to Last Syllable

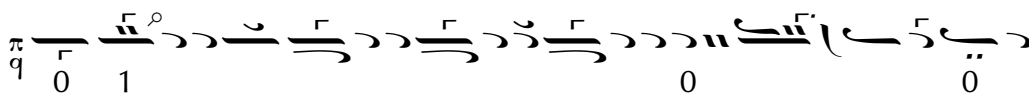
Pa - Low Ke

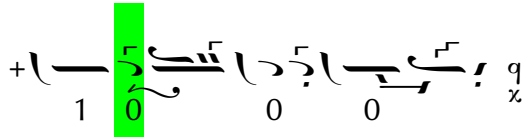
1X00 


1001 




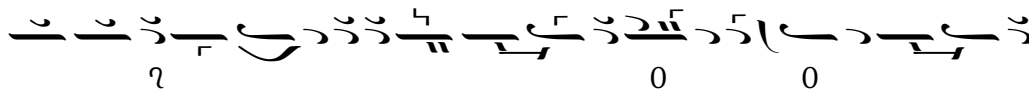



01001 

+ 

01001 





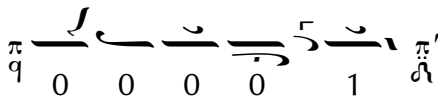


Medial Cadences on High Pa

R) Accented on Last Syllable

Pa - High Pa

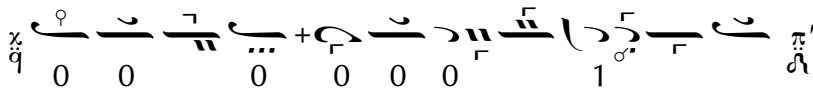
001 

00001 

Ke - High Pa

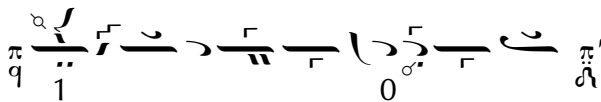
001 

001 


00001 

S) Accented on Second to Last Syllable

Pa - High Pa

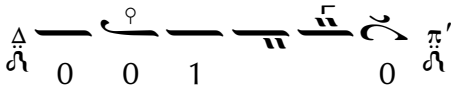
10 

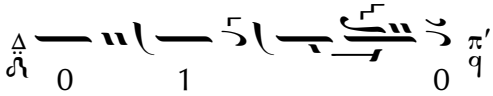
10 

010 

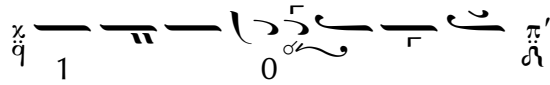
Plagal First Mode - Papadic

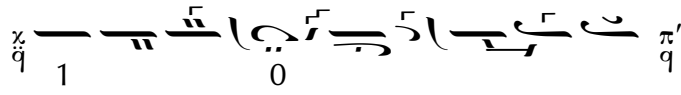
Di - High Pa


0010 

0010 

Ke - High Pa

10 

10 

0010 

0010 

T) Accented on Third to Last Syllable

Ke - High Pa

100 

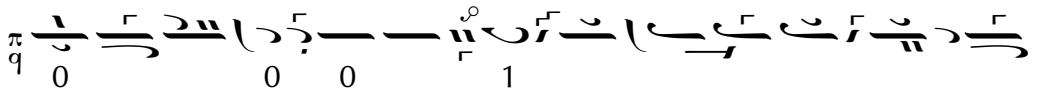
0100 

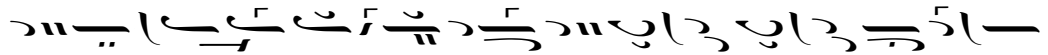
Medial Cadences on Enharmonic High Zo

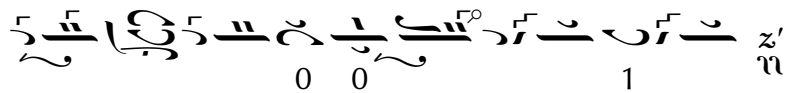
U) Accented on Last Syllable

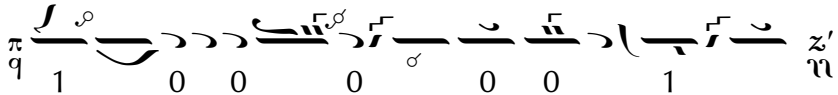
Pa - Zo

001 π q 

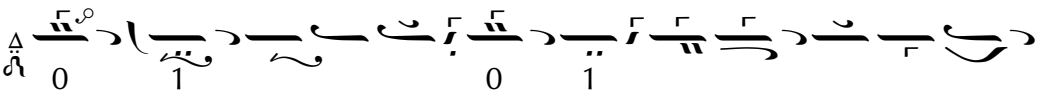
0001 π q 

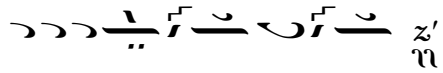


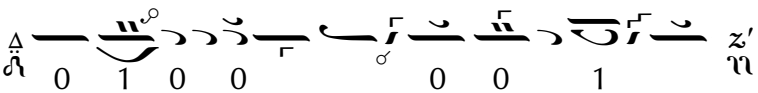


1000001 π q 

Di - Zo

0101 Δ d 



0100001 Δ d 

Plagal First Mode - Papadic

100010

z'
u

0010010

z'
u

0010010

z'
u

W) Accented on Fourth to Last Syllable

Pa - Zo

1001

z'
u

Medial Cadences on Diatonic High Zo

X) Accented on Last Syllable

100001	
1000001	

Y) Accented on Second to Last Syllable

10	
010	
0010	
0010	

Plagal First Mode - Papadic

00010 $\frac{\pi}{q}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{\lambda}$

10010 $\frac{\pi}{q}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{0}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{\lambda}$

Medial Cadences on High Nee

Z) Accented on Last Syllable

Pa - High Nee

1000001 π
 $\frac{9}{q}$ 1 0 0 0 0 0 1 $\overset{v'}{n}$

1000001 π
 $\frac{9}{q}$ 1 0 0 0 0 0 1 $\overset{v'}{n}$

1000001 π
 $\frac{9}{q}$ 1 0 0 0 0 0 1 $\overset{v'}{n}$

1000001 π
 $\frac{9}{q}$ 1 0 0 0 0 0 1 $\overset{v'}{n}$

$\overset{v'}{n}$

1000001 π
 $\frac{9}{q}$ 1 0 0 0 0 0 1 $\overset{v'}{n}$

$\overset{v'}{n}$

Ke - High Nee

001 $\frac{x}{q}$
 $\frac{9}{q}$ 0 0 1 $\overset{v'}{n}$

00001 $\frac{x}{q}$
 $\frac{9}{q}$ 0 $\overset{v'}{n}$

0 0 0 0 $\overset{v'}{n}$

Plagal First Mode - Papadic

0100001

AA) Accented on Second to Last Syllable

Pa - High Nee

10000010

Di - High Nee

10

AB) Accented on Third to Last Syllable

Ke - High Nee

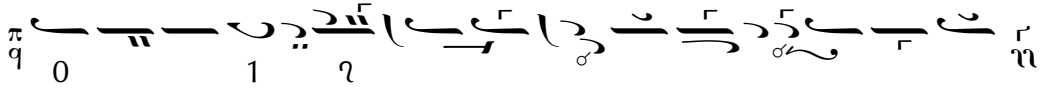
100100

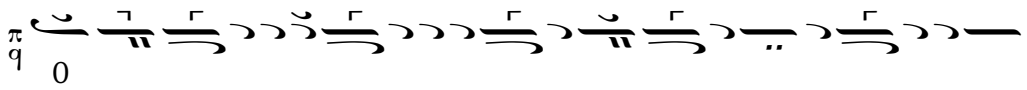
Plagal First Mode - Papadic

Medial Cadences on Ga

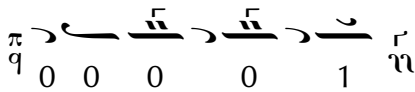
AC) Accented on Last Syllable

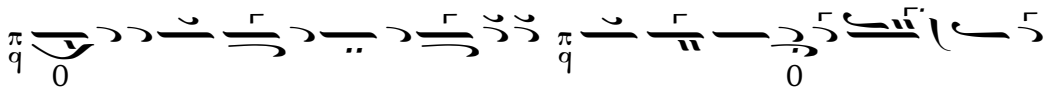
Pa - Ga

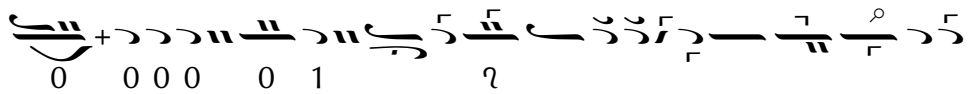
01 

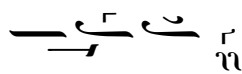
01 

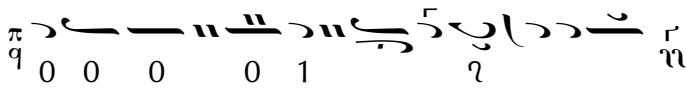


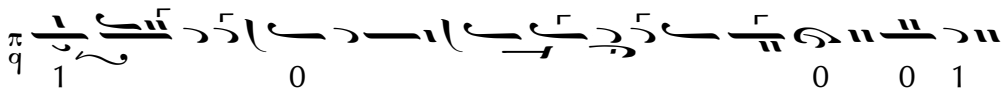
001 

0001 

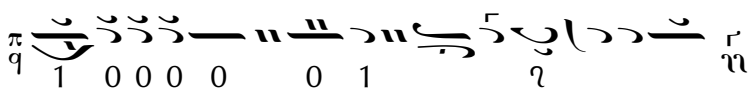




00001 

10001 



1000001 

Medial Cadences on Low Zo

AF) Accented on Last Syllable

Pa - Low Zo

00001

π
q

0 0 0 0 1

$\chi\alpha$

0 0 0 0 1

~

AG) Accented on Third to Last Syllable

Pa - Low Zo

100

π
q

0

1 0

~

100

π
q

1

1 0

~

Plagal First Mode - Papadic

ῥ̄ 0

01100

π̄ 0 1 2

1 2 1 0 0

100010

π̄ 1 0 0

0 0 0 0 1 0

0010100

π̄ 0 0 1 2 0

1 2

0 0 0 1 0 1

0 0

Di - Low Zo

000100

Δ̄ 0 0 0 1 0 0

Plagal First Mode - Papadic

Ke - Low Zo

100100100

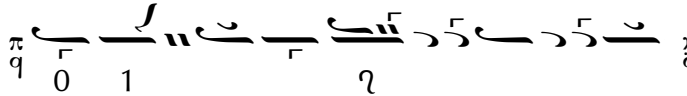
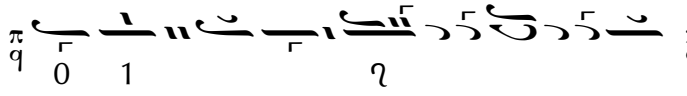
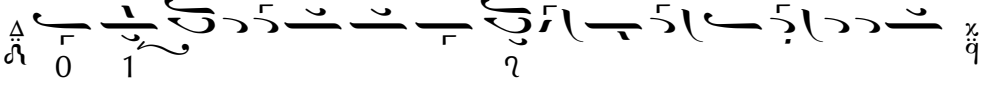

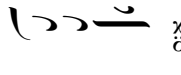
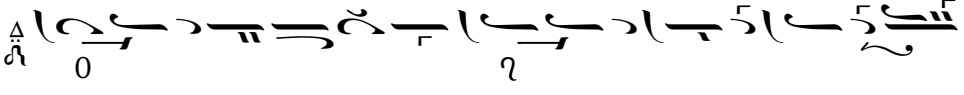
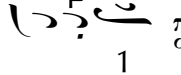
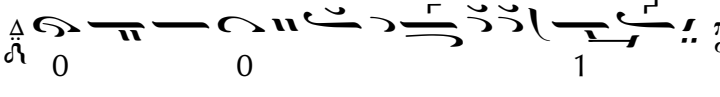
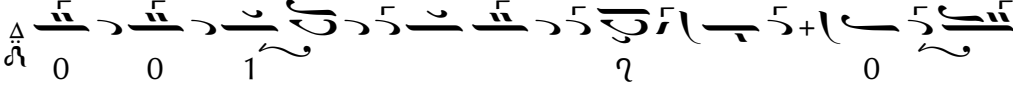
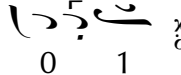
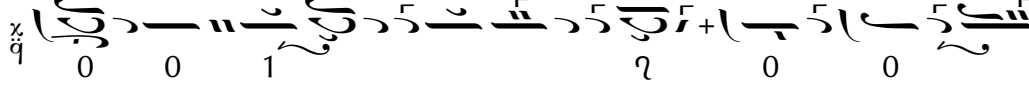
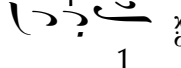
Low Ke - Low Zo

100

Old Sticheraric Formulae

The formulae in this section have been copied verbatim as they are in our catalogue of sticheraric formulae for first mode. We have included them here because we believe that most of them would be appropriate if used in brief papadic hymns (e.g., brief cherubic hymns).

AJ) Accented on Last Syllable

- 01 π_q  $\frac{\pi}{q}$
- 01 π_q  $\frac{\pi}{q}$
- 01 Δ_{δ}  $\frac{\pi}{q}$
- 01 Δ_{δ}  $\frac{\pi}{q}$
-  $\frac{\pi}{q}$
- 01 Δ_{δ}  $\frac{\pi}{q}$
-  $\frac{\pi}{q}$
- 001 Δ_{δ}  $\frac{\pi}{q}$
- 001 Δ_{δ}  $\frac{\pi}{q}$
-  $\frac{\pi}{q}$
- 001 $\frac{\pi}{q}$  $\frac{\pi}{q}$
-  $\frac{\pi}{q}$

Plagal First Mode - Papadic

0001 $\overset{\times}{q}$ 0 0 0 1 2 0 0

00001 π 0 0 0 0 1 $\overset{\times}{q}$

010001 Δ 0 1 0 0 0 1 Δ

010001 π 0 1 0 0 0 1 $\overset{\times}{q}$

010001 $\overset{\circ}{\times}$ 0 1 2 $\overset{\circ}{\times}$ $\overset{\circ}{q}$

010001 0 0 0 2

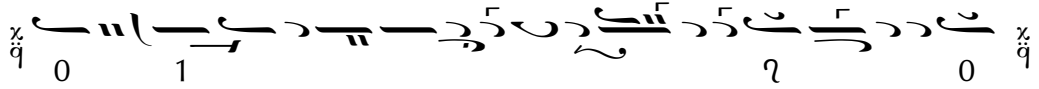
010001 1 $\overset{\circ}{\times}$ $\overset{\circ}{q}$

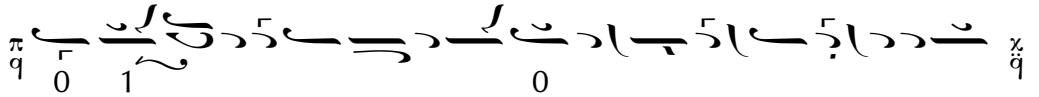
010X01 $\overset{\times}{q}$ 0 1 0 X

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

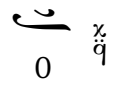
0100001 2 0 0 1 $\overset{\times}{q}$

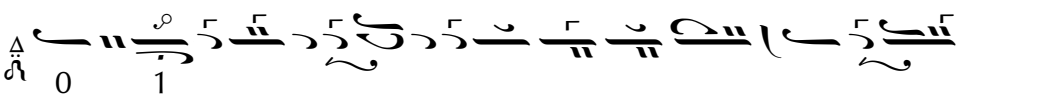
Plagal First Mode - Papadic

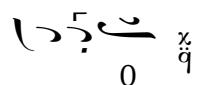
010 $\frac{\times}{q}$  $\frac{\times}{q}$


010 $\frac{\pi}{q}$  $\frac{\times}{q}$

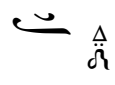
010 $\frac{\pi}{q}$ 

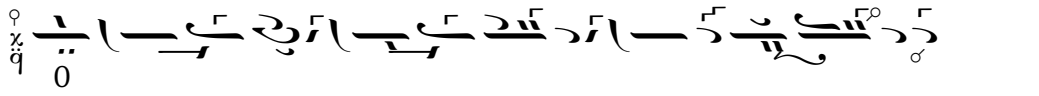
 $\frac{\times}{q}$

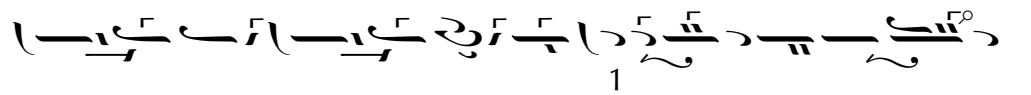
010 $\frac{\Delta}{q}$ 

 $\frac{\times}{q}$

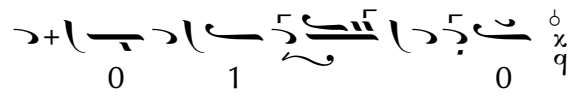
010 $\frac{\Delta}{q}$  χ^{α}

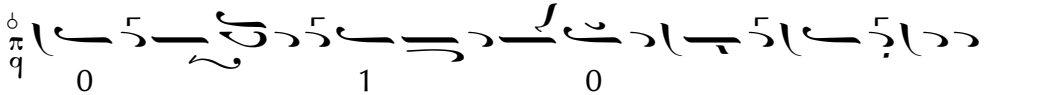
 $\frac{\Delta}{q}$

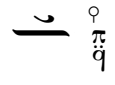
010 $\frac{\circ}{q}$ 





 $\frac{\circ}{q}$

010 $\frac{\circ}{q}$ 

 $\frac{\circ}{q}$

Plagal First Mode - Papadic

0010 $\frac{x}{q}$ $\frac{x}{q}$ 0 0 1 0 $\frac{x}{q}$

سا دا

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

سا دا

0010 $\frac{x}{q}$ 0 0 1 0 $\frac{x}{q}$

0010 $\frac{\pi}{q}$ 0 0 1 0 $\frac{\Delta}{q}$

0010 $\frac{\Delta}{q}$ 0 0 1 0 $\frac{x}{q}$

0010 $\frac{x}{q}$ 0 0 1 0 $\frac{x}{q}$

0010 $\frac{\Delta}{q}$ 0 0 1 0 $\frac{\pi}{q}$

0010 $\frac{\Delta}{q}$ 0 0 1

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

0010 $\frac{\circ}{q}$ 0 0 1 $\frac{\circ}{q}$

00010 $\frac{x}{q}$ 0 0 0 1 $\frac{\pi}{q}$ 0 0 0 1

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

Plagal First Mode - Papadic

AL) Accented on Third to Last Syllable

100	
100	
100	
100	
100	
100	
100	
100	
0100	
0100	
0100	

Plagal First Mode - Papadic

0 1

0100 πq 0 1 0 2

0 πq

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

0100 πq 0 1 0 2 0 πq

0100 πq 0 1 0 2 0 πq

0100 Δ 0 1 0 2 0 $\frac{x}{q}$

0 1

0100 Δ 0 1 0 0 1 0 0 πq

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

0 $\frac{x}{q}$

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

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

0 $\frac{o}{q}$

Plagal First Mode - Papadic

00100 $\overset{\Delta}{\delta}$ $\overset{\pi}{q}$

00100 $\overset{\Delta}{\delta}$ $\overset{\pi}{q}$

$\overset{\pi}{q}$ $\overset{\pi}{q}$

00100 $\overset{\pi}{q}$ $\overset{\pi}{q}$

$\overset{\pi}{q}$

00100 $\overset{\Delta}{\delta}$ $\overset{\pi}{q}$

$\overset{\pi}{q}$

$\overset{\pi}{q}$ $\overset{\pi}{q}$

00100 $\overset{\Delta}{\delta}$ $\overset{\pi}{q}$

$\overset{\pi}{q}$

$\overset{\pi}{q}$

00100 $\overset{\pi}{q}$ $\overset{\pi}{q}$

$\overset{\pi}{q}$

$\overset{\pi}{q}$

Plagal First Mode - Papadic

10100 π_q 1 0 1 0

0100100 Δ 0 1 0 0 1 0

00100100 χ_q 0 0 1 0

00100100 χ_q 0 0 1 0 0

Plagal First Mode - Papadic

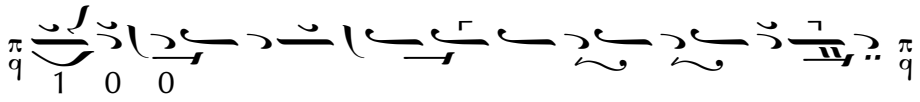
AM) Accented on Fourth to Last Syllable

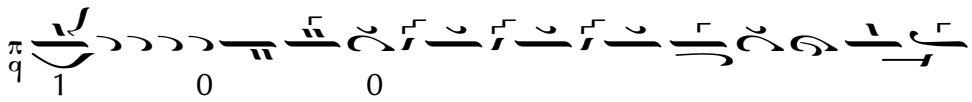
1001	π $\frac{\text{q}}{\text{q}}$ 1 0 0 1 $\frac{\text{x}}{\text{q}}$
1001	Δ $\frac{\text{q}}{\text{q}}$ 1 0 0 1 π
1001	$\frac{\text{x}}{\text{q}}$ 1 0 0 1
	$\frac{\text{q}}{\text{q}}$ 1 0 0 1
1001	π $\frac{\text{q}}{\text{q}}$ 1 0 0 0
	$\frac{\text{x}}{\text{q}}$ 0 1 $\frac{\text{x}}{\text{q}}$
X001	$\frac{\text{x}}{\text{q}}$ X 0 0 1 $\frac{\text{x}}{\text{q}}$
1010	Δ $\frac{\text{q}}{\text{q}}$ 1 0 1 0 π
1010	$\frac{\text{x}}{\text{q}}$ 1 0 1 0 Δ
1010	$\frac{\text{x}}{\text{q}}$ 1 0 1 0 $\frac{\text{x}}{\text{q}}$
01001	π $\frac{\text{q}}{\text{q}}$ 0 1 0 0 1 2
	+ $\frac{\text{x}}{\text{q}}$ 0 0 1 $\frac{\text{x}}{\text{q}}$
01010	Δ $\frac{\text{q}}{\text{q}}$ 0 1 0 1 0 Δ

Final Cadences


AN) Accented on Third to Last Syllable

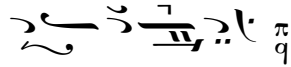
Pa - Pa

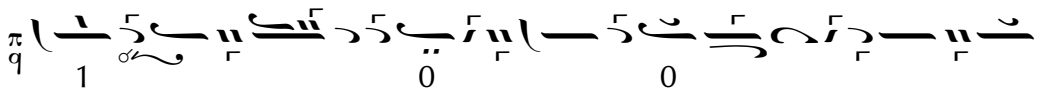
100 π_q  π_q

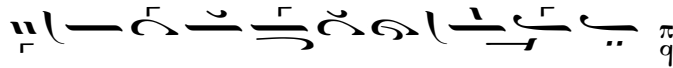
100 π_q 

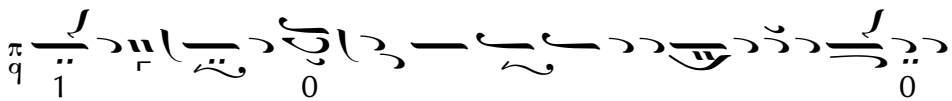
 π_q

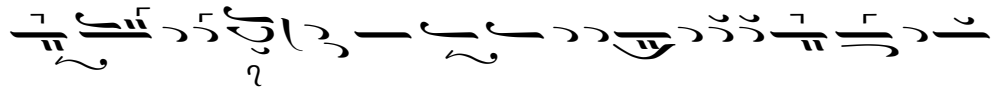
100 π_q  π_q

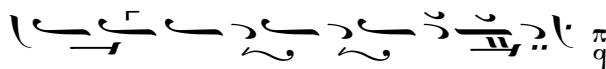
 π_q

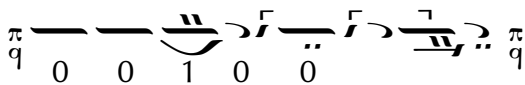
100 π_q  π_q

 π_q

100 π_q  π_q



 π_q

00100 π_q  π_q

Plagal First Mode - Papadic

π_q

00100

π_q 0 0 1 0 0

π_q

00100

π_q 0 0 1 0 0

π_q

00100

π_q 0 0 1 0 0

π_q

00100

π_q 0 0 1 0 0

π_q

00100

π_q 0 0 1 0 0

π_q

00100

π_q 0 0 1 0 0

Plagal First Mode - Papadic

010100

Ke - Pa

100

100

100

100

100

100

100

Plagal First Mode - Papadic

000100

010100

100100

0100100

0100100

