



BYZANTINE MUSIC FORMULÆ

First Mode - Papadic

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Sources

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

- Χερουβικὸν Πέτρου Μπερεκέτου (*Ἄπαντα*, σελ. 590)
- Χερουβικὸν Ἀντωνίου τοῦ Νομοφύλακος, (Ἐξήγησις Κωνσταντίνου Φωτοπούλου)
- Χερουβικὸν Πέτρου Πελοποννησίου (*Πανδέκτης*, 4ος Τόμος, σελ. 61)
- Χερουβικὸν Πέτρου Πελοποννησίου (*Ἀνέκδοτον Χειρόγραφον*)
- Χερουβικὸν Πέτρου Ἐφεσίου (*Κοκκινογοργοῦσα*, σελ. 531)
- Χερουβικὸν Θεοδώρου Φωκαέως (*Μουσικὴ Συλλογὴ*, τ. Γ', σελ. 61)
- Χερουβικὸν Ἀγαθαγγέλου Κυριαζίδου (*Αἱ Δύο Μέλισσαι*, σελ. 408 καὶ 418)
- Χερουβικὸν Ἰωάσαφ Διονυσιάτου (*Μελωδήματα Ἀσκήσεων Λειτουργικῆς*, σελ. 91)
- Ἀντὶ Χερουβικοῦ «Νῦν αἱ Δυνάμεις», Κωνσταντίνου Πρωτοψάλτου (*Ταμείον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 106)
- Χερουβικὸν Πέτρου Πελοποννησίου, *Цветособрание*, 1847, σελ. 29 (Slavonic adaptation by Никола Трандафилов).
- Χερουβικὸν Πέτρου Ἐφεσίου, *Цветособрание*, 1847, σελ. 47 (Slavonic adaptation by Никола Трандафилов).
- Χερουβικὸν Πέτρου Πελοποννησίου, *Псалтикийна Литургия*, 1905, σελ. 47 (Slavonic adaptation by Манасий п. Тодоров).
- Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου, *Ръководство*, 1912, σελ. 656 (Slavonic adaptation by Петър Сарафов).
- Χερουβικὸν Θεοδώρου Φωκαέως, *Литургия*, 1872, σελ. 153 (Slavonic adaptation by Тодор Икономов).
- Χερουβικὸν Θεοδώρου Φωκαέως, *Псалтикийна Литургия*, 1905, σελ. 47 (Slavonic adaptation by Манасий п. Тодоров).

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- Κοινωνικὸν «Ἀγαλλιᾶσθε δίκαιου» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 17)
- Κοινωνικὸν «Αἰνεῖτε» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 7)
- Κοινωνικὸν «Γεύσασθε» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 95)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 14)
- Κοινωνικὸν «Ἐσημειώθη ἐφ' ἡμᾶς» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 15)
- Κοινωνικὸν «Ὁ ποιῶν τοὺς ἀγγέλους» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 10)
- Κοινωνικὸν «Ποτήριον Σωτηρίου» Ἰωάσαφ Διονυσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 12)

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 Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 77)
- Χερουβικὸν Πέτρου Πελοποννησίου «Ἀνέκδοτον» (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 110)
- Χερουβικὸν Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 159)
- Χερουβικὸν Πέτρου τοῦ Βυζαντίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 189)
- Χερουβικὸν Γρηγορίου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 222)
- Χερουβικὸν Γρηγορίου Πρωτοψάλτου «Μέγιστον» (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 256)
- Χερουβικὸν Χουρμουζίου Χαρτοφύλακος (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 320)
- Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 371)
- Χερουβικὸν Πέτρου Ἐφεσίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 400)
- Χερουβικὸν Θεοδώρου Φωκαέως (ἀργόν) (*Ταμεῖον Ἀνθολογίας - Λειτουργία Α'*, Φωκαέως, σελ. 253)
- Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου (*Ταμεῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 1, 7, καὶ 11)
- Χερουβικὸν Μπαλασίου Ἱερέως (Ἐξήγησις Χουρμουζίου ΕΒΕ-ΜΠΤ 704)
- Χερουβικὸν Παγκρατίου Ἰβηρίτου (Ἐξήγησις Χουρμουζίου ΕΒΕ-ΜΠΤ 704 φ.313α-314α)
- Χερουβικὸν Πέτρου Μπερεκέτου (*Ἄπαντα*, σελ. 457)
- Χερουβικὸν Πέτρου Ἐφεσίου, *Цветособрание*, 1847, σελ. 47 (Slavonic adaptation by Никола Трандафилов).

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- Χερουβικὸν Πέτρου Ἐφεσίου, *Псалтикиѳна Литургия*, 1905, σελ. 96 (Slavonic adaptation by Манасий п. Тодоров).
- Χερουβικὸν Κωνσταντίνου Πρωτοψάλτου, *Литургия*, 1872, σελ. 170 (Slavonic adaptation by Тодор Икономов).
- Χερουβικὸν Χουρμουζίου Χαρτοφύλακος, *Ръководство*, 1912, σελ. 685 (Slavonic adaptation by Петър Сарафов).
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Θεοδώρου Φωκαέως (*Ταμειῖον Ἀνθολογίας - Λειτουργία Α', Φωκαέως*, σελ. 457)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Γερμανοῦ Νέων Πατρῶν (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος)
- Κοινωνικὸν «Αἰνεῖτε τὸν Κύριον» Γρηγορίου Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 557)
- Κοινωνικὸν «Ἀνέβη ὁ Θεὸς» Ἐένου Κορώνη (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 201)
- Κοινωνικὸν «Γεύσασθε», Κωνσταντίνου Πρωτοψάλτου (*Ταμειῖον Ἀνθολογίας Κωνσταντίνου*, τ. Β', σελ. 112)
- Κοινωνικὸν «Γεύσασθε», Χρυσάφου τοῦ Νέου (Ἐξήγησις Χουρμουζίου ΕΒΕ-ΜΠΤ 705 φ.220r-20v)
- Κοινωνικὸν «Γεύσασθε», Νικηφόρου τοῦ Ἡθικοῦ (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 221v)
- Κοινωνικὸν «Εἰς μνημόσυνον» Ἰωάσαφ Διонуσιάτου (*Κοινωνικῶν Ἐκλογάριον*, σελ. 9)
- Κοινωνικὸν «Εἰς πᾶσαν τὴν γῆν» Πέτρου Λαμπαδαρίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 823)
- Κοινωνικὸν «Ἐκ στόματος νηπίων» Ἰωάννου τοῦ Κλαδᾶ (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος)
- Κοινωνικὸν «Ἐκ στόματος νηπίων» Μανουήλ τοῦ Νέου Χρυσάφου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 187)
- Κοινωνικὸν «Ἐκ στόματος νηπίων» Πέτρου Λαμπαδαρίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 664)
- Κοινωνικὸν «Ἐν τῷ φωτὶ τῆς δόξης» Χρυσάφου τοῦ Νέου Χρυσάφου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 210)
- Κοινωνικὸν «Ἐξηγέρθη ὡς ὁ ὑπνῶν» Πέτρου Λαμπαδαρίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 684)
- Κοινωνικὸν «Ἐπαίνει Ἱερουσαλήμ» Μπαλασίου Ἱερέως (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 199)
- Κοινωνικὸν «Ἐπεφάνη ἡ χάρις» Παναγιώτου Χρυσάφου τοῦ Νέου (Ἐξήγησις Κωνσταντίνου Θεοχάρη)

- Κοινωνικὸν «Ἐπεφάνη ἡ χάρις» Ἰωάννου τοῦ Κλαδᾶ Παναγιώτου Χρυσάφου τοῦ Νέου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 181)
- Κοινωνικὸν «Ἐπεφάνη ἡ χάρις» Μανουὴλ τοῦ Νέου Χρυσάφου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 182)
- Κοινωνικὸν «Ἐπεφάνη ἡ χάρις» Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 652)
- Κοινωνικὸν «Ἐσημειώθη ἐφ' ἡμᾶς» Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 622)
- Κοινωνικὸν «Εὐλόγημένος ὁ ἐρχόμενος» Ἰωάννου τοῦ Κλαδᾶ (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος)
- Κοινωνικὸν «Εὐλόγησον τὸν στέφανον» Γεωργίου τοῦ Κρητός (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 617)
- Κοινωνικὸν «Μακάριοι» Θεοδώρου Φωκαέως (*Ταμείον Ἀνθολογίας - Λειτουργία Α', Φωκαέως*, σελ. 355)
- Κοινωνικὸν «Ὁ ποιῶν τοὺς ἀγγέλους » Ἀντωνίου τοῦ Νομοφύλακος (*Ἀθωνικὴ Ἀνθοδέσμη*, 1ος Τόμος, σελ. 303)
- Κοινωνικὸν «Ὁ ποιῶν τοὺς ἀγγέλους» Πέτρου Πελοποννησίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 605)
- Κοινωνικὸν «Ὁ ποιῶν τοὺς ἀγγέλους» Πέτρου Λαμπαδαρίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 758)
- Κοινωνικὸν «Ποτήριον Σωτηρίου» Πέτρου Λαμπαδαρίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 794)
- Κοινωνικὸν «Τὸ Πνεῦμά σου τὸ ἀγαθόν» Χρυσάφου τοῦ Νέου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος)
- Κοινωνικὸν «Τὸ Πνεῦμά σου τὸ ἀγαθόν» Πέτρου Βυζαντίου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 734)
- Κοινωνικὸν «Τὸ Πνεῦμά σου τὸ Ἅγιον» Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 730)
- Κοινωνικὸν «Τὸ Πνεῦμά σου τὸ Ἅγιον» Μπαλασίου Ἱερέως (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 206)
- Κοινωνικὸν «Σῶμα Χριστοῦ» Δανιὴλ Πρωτοψάλτου (*Μουσικὴ Πανδέκτη*, τ. Δ', σελ. 688)
- Κοινωνικὸν «Σωτηρίαν εἰργάσω» Χρυσάφου τοῦ Νέου (Ἐξήγησις Χουρμουζίου Χαρτοφύλακος, ΕΒΕ-ΜΠΤ 705, φ. 171)
- Ὅσοι εἰς Χριστόν, Χρυσάφου τοῦ Νέου (Ἐξήγησις Χουρμουζίου ΕΒΕ-ΜΠΤ 704)

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 source 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 source 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.

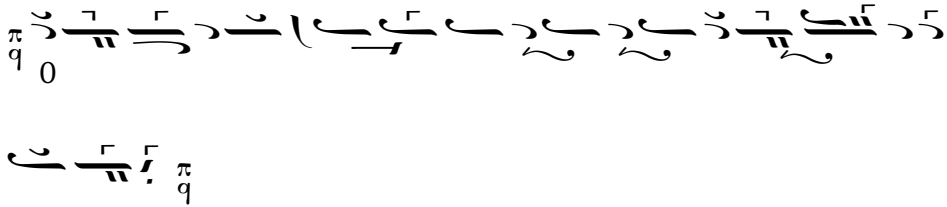
Variations of the same formula are indicated in color

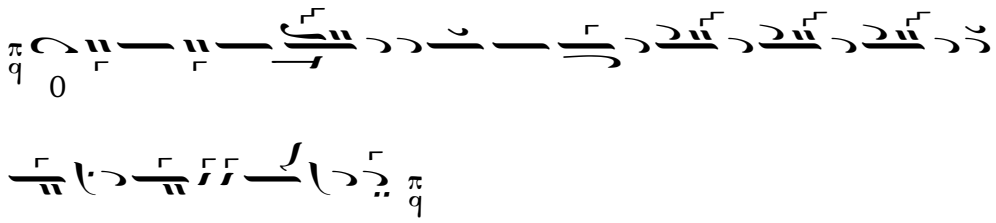
Formulas written with grey notes are taken from Slavonic or Romanian adaptations of Greek cherubic hymns (and thus might contain formulaic inaccuracies).

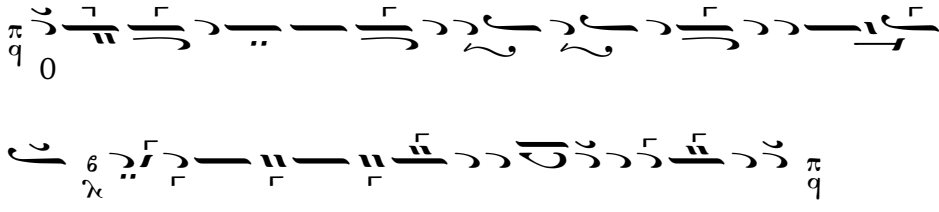
The parts of formulae from non-Greek adaptations that seem sub-standard are highlighted: Yellow highlighting is used for unaccented syllables overemphasized by the melody and for accented syllables underemphasized by the melody. Green highlighting is used for an extra syllable inserted into a formula 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.

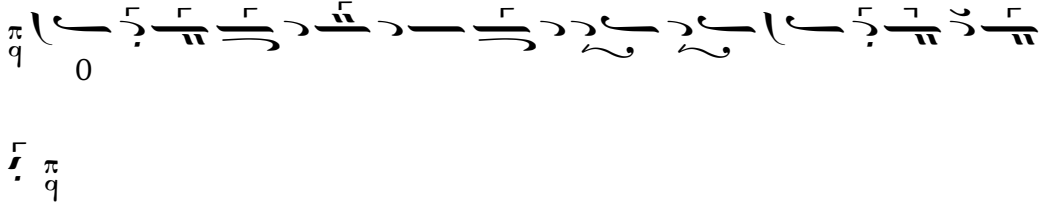
Prelude Melodies for Initial Syllable *

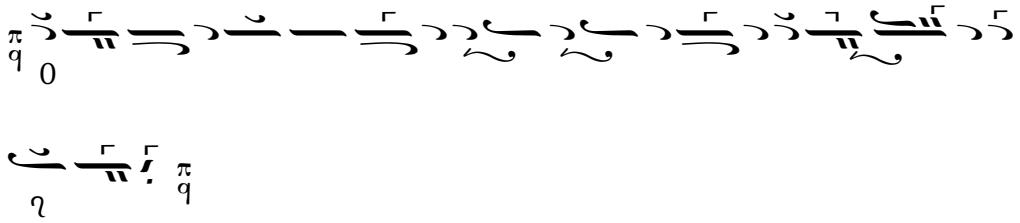
A) Initial Syllable

0 π_q 

0 π_q 

0 π_q 

0 π_q 

0 π_q 

* 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.

First Mode - Papadic

0 π
q 0

π
q

0 π
q 0

π
q

0 π
q 0

π
q

0 π
q 0

π
q

0 π
q 0

π
q

First Mode - Papadic

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

$\frac{\pi}{9}$

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

$\frac{\pi}{9}$

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

$\frac{\pi}{9}$

Medial Cadences on Pa

B) Accented on Last Syllable

Pa - Pa

0 π_9 π_9

00 π_9 χ^a

0

π_9

ox π_9 χ π_9

π_{900}

π_9 χ^a

0

0

π_9

000 π_9 π_9

First Mode - Papadic

000 π_9 π_9

100 π_9 π_9

π_9

000 π_9 π_9

000 π_9 π_9

000 π_9 π_9

001 π_9 π_9

π_9

001 π_9 π_9

π_9

First Mode - Papadic

001 $\frac{\pi}{q}$ $\chi\alpha$

$0 \quad 0 \quad 0 \quad 1$

$\frac{\pi}{q}$

001 $\frac{\pi}{q}$ $0 \quad 0 \quad 1$

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

001 $\frac{\pi}{q}$ $0 \quad \eta \quad \frac{\pi}{q}$

$0 \quad 0 \quad 0 \quad 1$

$\frac{\pi}{q}$

001 $\frac{\pi}{q}$ $0 \quad \eta \quad \chi$

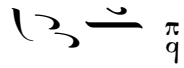
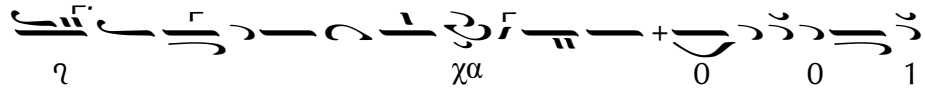
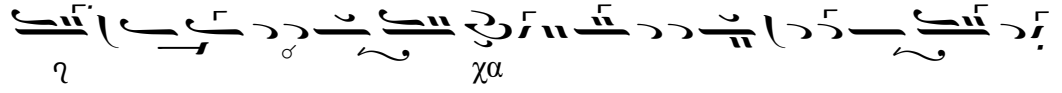
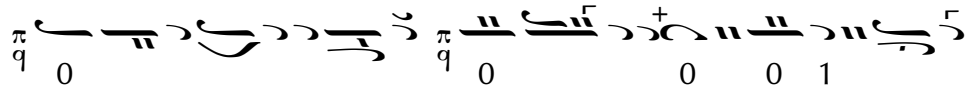
$0 \quad 0 \quad 1 \quad \Delta \quad \eta$

$\frac{\pi}{q}$

First Mode - Papadic

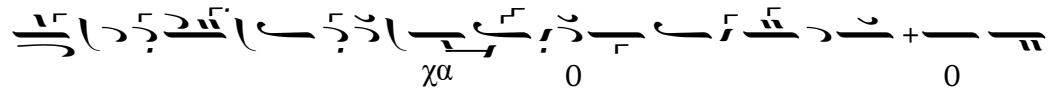
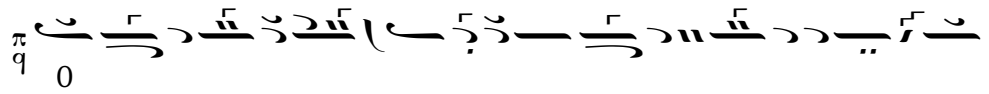
001

π_9
0



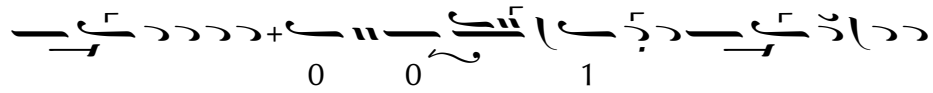
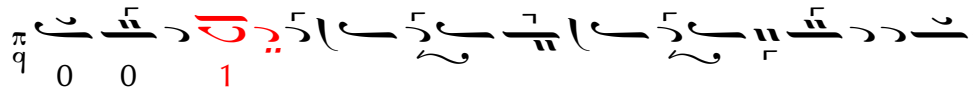
001

π_9
0



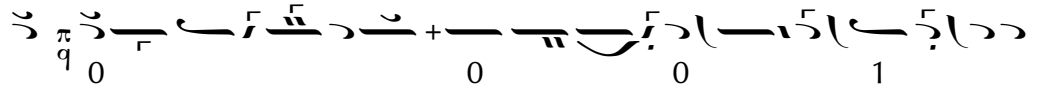
001

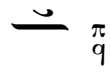
π_9
0 0 1

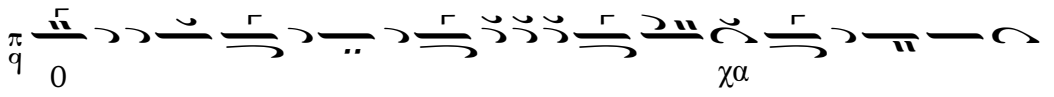


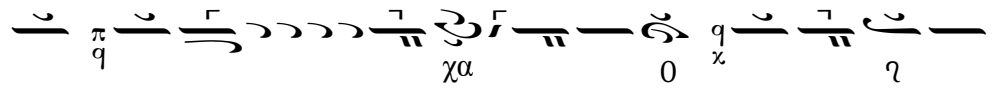
First Mode - Papadic

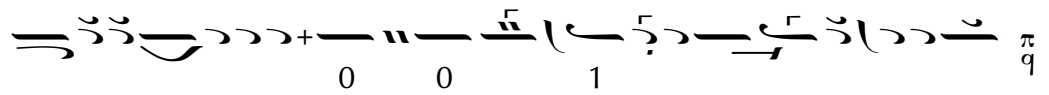
001 





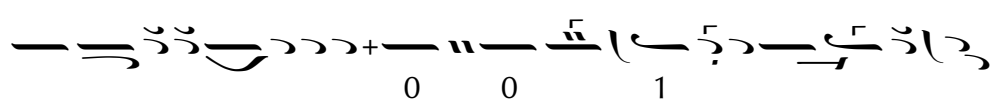
001 

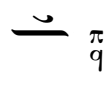


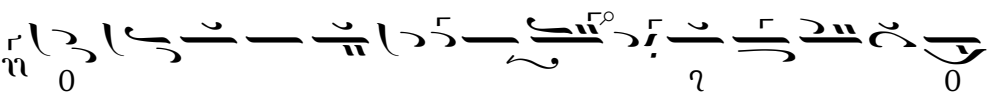


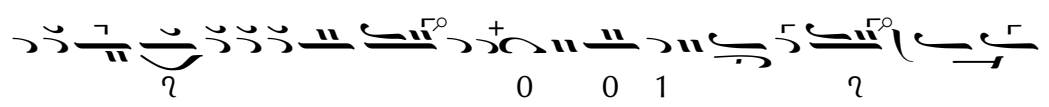
001 







001 



First Mode - Papadic

001

0001

0001

0001

First Mode - Papadic

0001 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 0 0 0 0 0 0

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

00001 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 0 0 $\chi\alpha$

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

00001 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 0 0 0 0

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

00001 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 0 0 0 0

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

00X01 $\frac{\pi}{q}$ $\frac{\pi}{q}$
 0 0 0 X

$\frac{\pi}{q}$ $\chi\alpha$ $\frac{\pi}{q}$
 0 0 X

First Mode - Papadic

0X001

0X001

010001

First Mode - Papadic

010001

010001

0010001

1000001

First Mode - Papadic

First Mode - Papadic

Di - Pa

0	
001	
00X01	
10001	

First Mode - Papadic

Ke - Pa

00X01


1000001

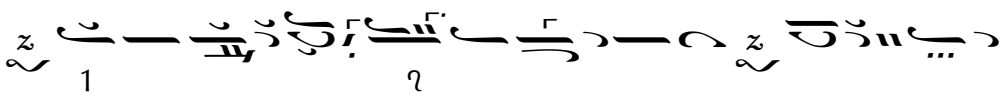
1000001

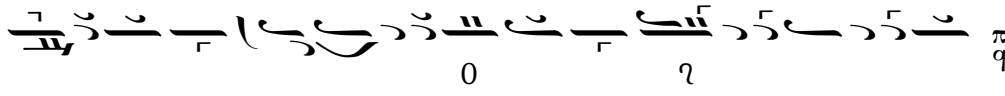
First Mode - Papadic

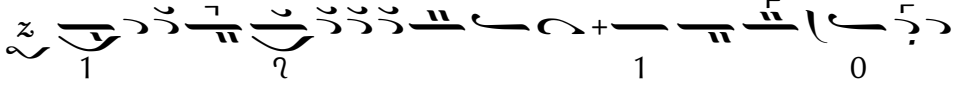
C) Accented on Second to Last Syllable

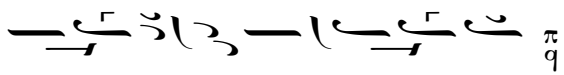
Zo - Pa

10 

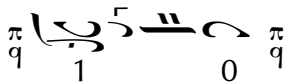
10 

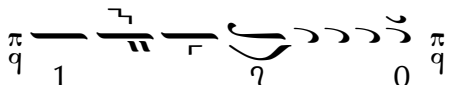



10 

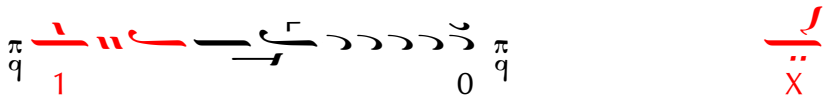


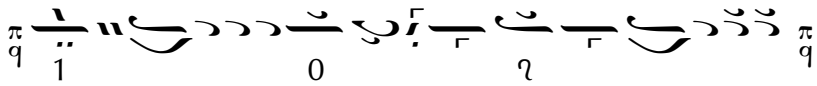
Pa - Pa


10 

10 

10 

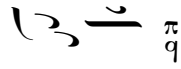
10 


10 

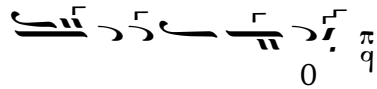
10 

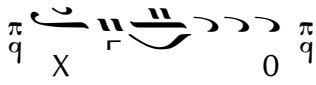
First Mode - Papadic

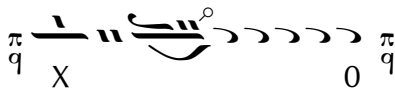
10 π_q  π_q

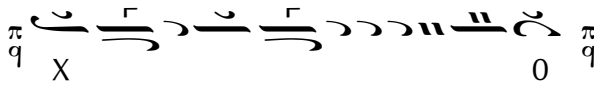
 π_q

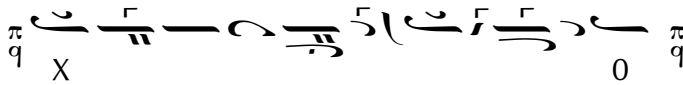
10 π_q  π_q


 π_q

X0 π_q  π_q

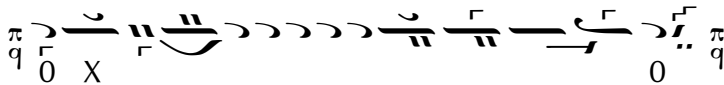
X0 π_q  π_q

X0 π_q  π_q

X0 π_q  π_q

X0 π_q  π_q

X0 π_q  π_q

OX0 π_q  π_q

OX0 π_q  π_q

OX0 π_q  π_q

First Mode - Papadic

oxo π_9 Γ $\frac{\pi_9}{0}$ X $\frac{\pi_9}{0}$

oxo π_9 Γ $\frac{\pi_9}{0}$ X $\frac{\pi_9}{0}$

oxo π_9 Γ $\frac{\pi_9}{0}$ X $\frac{\pi_9}{0}$

oxo π_9 $\frac{\pi_9}{0}$ X

$\frac{\pi_9}{0}$

010 π_9 Γ $\frac{\pi_9}{0}$ 1 $\frac{\pi_9}{0}$

010 π_9 $\frac{\pi_9}{0}$ 1 $\frac{\pi_9}{0}$

$\frac{\pi_9}{0}$ 1 0 $\frac{\pi_9}{0}$

010 π_9 Γ $\frac{\pi_9}{0}$ 1 $\frac{\pi_9}{0}$

$\frac{\pi_9}{0}$

010 π_9 Γ $\frac{\pi_9}{0}$ 1 $\frac{\pi_9}{0}$

$\frac{\pi_9}{0}$

First Mode - Papadic

010 π_q $\frac{0}{1}$ χ^α π_q

0 1 χ^α π_q

010 q_x $\frac{0}{1}$ χ^α π_q

0 1 χ^α π_q

010 π_q $\frac{1}{1}$ χ^α q_x $\frac{1}{2}$ π_q

1 χ^α q_x $\frac{1}{2}$ π_q

010 π_q $\frac{0}{1}$ π_q

0 π_q π_q

010 π_q $\frac{0}{1}$ χ^α $\frac{1}{2}$

0 1 χ^α $\frac{1}{2}$

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

π_q $\frac{0}{2}$

0 π_q $\frac{0}{2}$

First Mode - Papadic

0 1

0 π_q

0010

π_q 0 0 1 π_q

0010

π_q 0 0 1 π_q

0010

π_q 0 0 1 π_q

0010

π_q 0 0 1

$\chi\alpha$ ϱ π_q π_q

0 0 1 0 π_q

0010

π_q 0 0 1

π_q

0 ϱ π_q

0010

π_q 0 0 1

0 π_q

First Mode - Papadic

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$

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

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

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$

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

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

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$

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

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

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$

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

First Mode - Papadic

0010

π_q π_q

π_q

π_q

00100(00)

π_q π_q

π_q

0010

π_q π_q

π_q

π_q

0010

π_q π_q

π_q

π_q

0010

π_q π_q

π_q

First Mode - Papadic

0010

00010

00010

First Mode - Papadic

00010

π_9
 $\overset{\circ}{0}$
 χ^α
 0
 0
 π_9
 0
 0
 0
 0
 0
 0
 1
 π_9
 0
 π_9

10010

π_9
 0
 0
 1
 χ^α
 0
 0
 1
 0
 π_9
 0
 π_9

10010

π_9
 0
 0
 1
 χ^α
 0
 0
 1
 0
 π_9
 0
 π_9

10010

π_9
 1
 0
 0
 1
 0
 π_9

First Mode - Papadic

10010

π_q 1 2 2 2 π_q 0
 2 0 2 1 0 0

10010

π_q 1 0 0 1 0
 π_q 1 0 0 0 1 0
 0 0 1 0 π_q

10010

π_q 1 0 0 0 1 0
 0 0 1 0 π_q

010010

π_q 0 1 0 π_q 0 1
 0 π_q

First Mode - Papadic

100010

π_9 π_9
 π_9 π_9
 π_9 π_9

10000010

π_9 π_9
 π_9 π_9
 π_9 π_9
 π_9 π_9

Di - Pa

10

Δ_9 Δ_9

010

Δ_9 Δ_9

010

Δ_9 Δ_9

010

Δ_9 Δ_9
 Δ_9 Δ_9

First Mode - Papadic

010

Δ
 δ

χ^{α}

π
 q

0010

Δ
 δ

χ^{α}


χ^{α}


χ^{α}

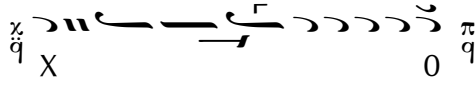
π
 q

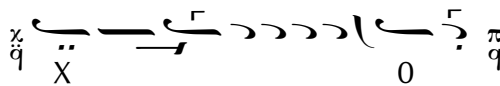
First Mode - Papadic

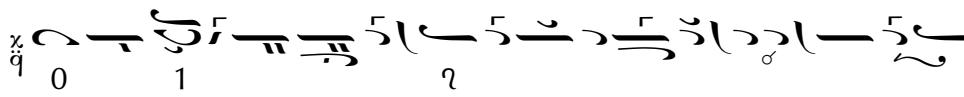
Ke - Pa


10 


11X0 


X0 


X0 

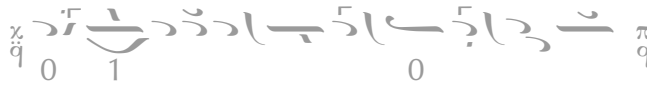
010 




10 

010 



010 

0010 

First Mode - Papadic

0010

⊘
q
0 0 1

0 π
q

0 0 0 1

0 π
q

First Mode - Papadic

D) Accented on Third to Last Syllable

Zo - Pa

0100

0 1 2 0 1 0 0

Pa - Pa

X00

X 0 0

X00

X 0 0

X00

X 0 0

X00

X 0 0

100

1 0 1

0 0 2

2

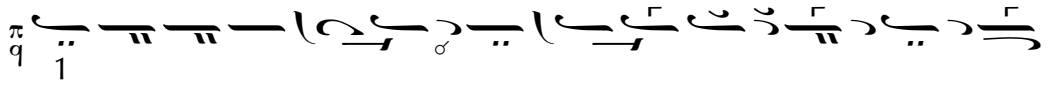
100

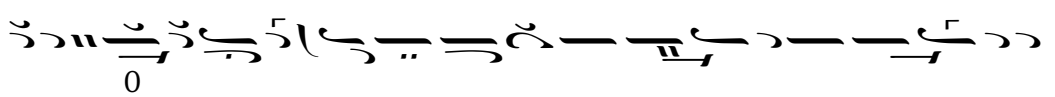
1 0

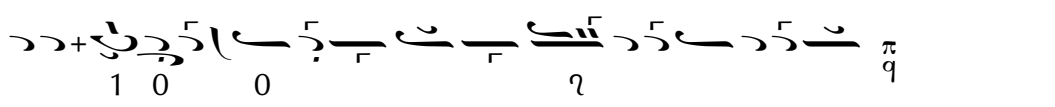
1 0 0

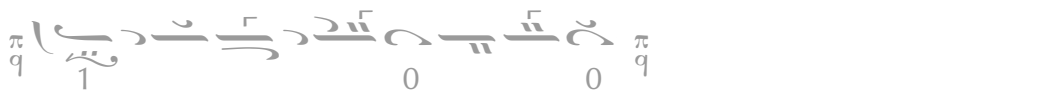
2


First Mode - Papadic


100 π _q 





π _q 

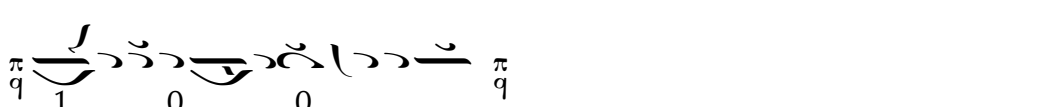
100 π _q 


100 π _q 

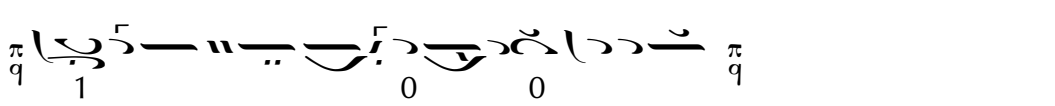
100 π _q 

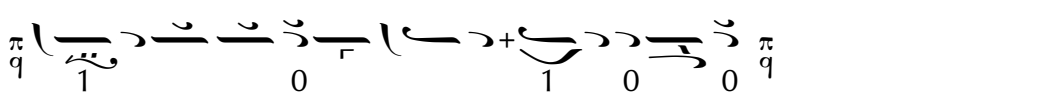
π _q 

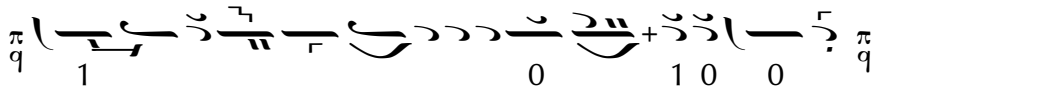
π _q 

100 π _q 

100 π _q 

100 π _q 

100 π _q 

100 π _q 

First Mode - Papadic

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

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

100 $\frac{\pi}{q}$ $\frac{1}{0}$ $\frac{2}{2}$ $\frac{\chi^{\alpha}}$

$\frac{2}{0}$

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

100 $\frac{\pi}{q}$ $\frac{1}{\chi^{\alpha}}$

$\frac{0}{\chi^{\alpha}}$

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

100 $\frac{\pi}{q}$ $\frac{1}{\chi^{\alpha}}$

$\frac{0}{\chi^{\alpha}}$

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

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

$\frac{\pi}{q}$

First Mode - Papadic

0100

π_9 0 1 0 2

π_9 0

0100

π_9 0 1 π_9^+ 0 1

0 0 π_9

0100

π_9 0

1 2 0 1

π_9 0 0 1

0 0 π_9

0100

π_9 0 1 2

0 0 1 0 0 2

π_9

0100

π_9 0 1 2

0 2 0 1 0

0 π_9

First Mode - Papadic

0100 π_q π_q π_q

0100 π_q π_q π_q

0100 π_q π_q π_q

1100 π_q π_q

(X0)0100 π_q π_q

First Mode - Papadic

π_q ————— 0 0 1 0 0 0

↪

π_q

(10)0100

π_q ————— 0 1 0 2 χ^a

————— 0 1 0 0 1 0 0

π_q

00100

π_q ————— 0 1 0 0 π_q

00100

π_q ————— 0 0 1 0 2

π_q 0 π_q 1 0 0

00100

π_q ————— 0 0 1 0 2

π_q 0

00100

π_q ————— 0 0 1 0 2

π_q 0

First Mode - Papadic

00100 π_9 π_9

π_9

00100 π_9 π_9

π_9

00100 π_9 π_9

π_9

π_9

00100 π_9 π_9

π_9

00100100

π_9 π_9

π_9

First Mode - Papadic

00100

00100

00100

First Mode - Papadic

0 0 0 1 0

π

 0

00100

π

 0 0 1

0 0 1

0 0 0

π

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π

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π

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0 0 0 1 0 0

π

00100

π

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0 0 0

First Mode - Papadic

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00100

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00100

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First Mode - Papadic

00100

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

00100

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

00100

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

00100

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

000100

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

First Mode - Papadic

000100

0 0 ? 0 0 0 1

0 0 0 0

1 0 0 π 9

000100

0 ? 0

0 0 0 1 ?

? 0 0 0 1

0 0 0 0 1

0 0 π 9

(XX)0100

0 ? π 9 XX 0

1 0

0 1 0 0 π 9

000100

0 0 ? π 9

0 ? ? 1

First Mode - Papadic

π_q

001100

π_q

010100

100100

100100

First Mode - Papadic

100100 π_q 1 0 0 1

π_q 0 1 0 0

100100 π_q 1 0 0 1 2

0 1 0 0 1 0 0

π_q

100100 π_q 1 0

2 0 1 0 0

1 2 χ^α 2

1 0 0 1

0 1 0 0 1 0

0 π_q

100100 π_q 1 0 0 0 1 0

0 π_q

First Mode - Papadic

♩
1

♩

♩
1

♩

0010100

♩
0 0 1 0 1

♩
0 0 0 1

♩
0 1 0 0

0100100

♩
0 1 0 2 0 1

♩
2 0 0 0 1 0 0

♩
2

00100100

♩
0 0 1 1

♩
0 0 1 0

♩
0

1000100100

♩
1 0 2 0 0 1

♩
0

First Mode - Papadic

2 π_9 0 $\chi\alpha$
1
0 0 π_9

Di - Pa

100 Δ δ 1 0 0 π_9
100 Δ δ 1 0 0 π_9
100 Δ δ 1 π_9 0
 π_9 1 0 0 π_9
100 Δ δ 1
 $\chi\alpha$ 2 π_9
0 1 0 0 π_9

First Mode - Papadic

100

Δ 1 2 χα 2

1 1

0 π₉

0100

Δ 0 1 0 0 π₉

(10)0100

Δ 0 1 2 0 π₉

1 0 0 1 0 1 π₉

00100

Δ 0 0 1 2 π₉

0 0 1 0 1 π₉

00100

Δ 0 0 1 0 0 π₉

00100

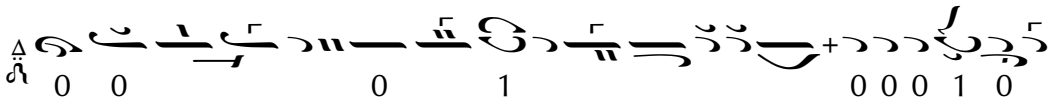
0 0 1 0 0 0 1 0 0 π₉

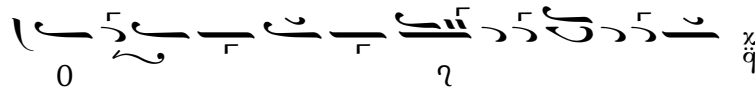
00100

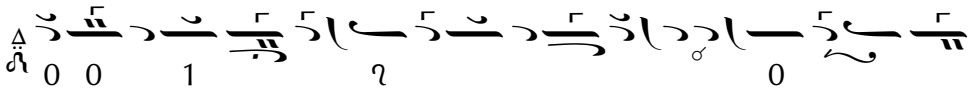
Δ 0 0 0 1 0 π₉

0 π₉

First Mode - Papadic

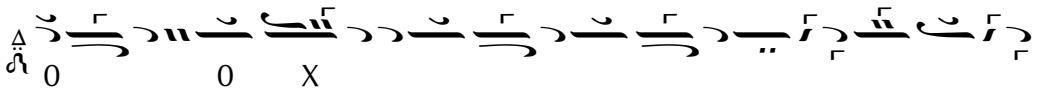
00100 Δ
 δ

 0 0 0 1 0 0 0 1 0


 0 2 $\frac{\pi}{9}$

00100 Δ
 δ

 0 0 1 2 0


 0 0 1 0 0

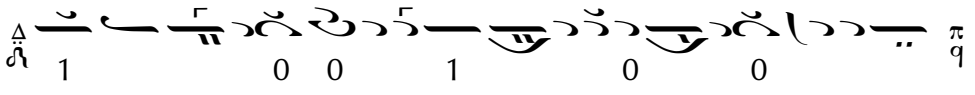

 $\frac{\pi}{9}$

00X01 Δ
 δ

 0 0 X


 $\chi\alpha$

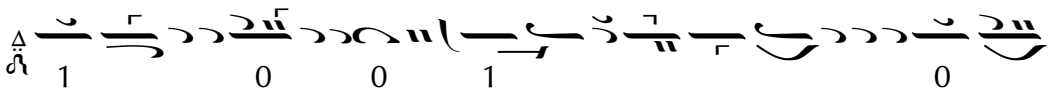

 0 0 X 0

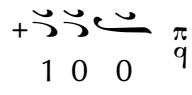

 1 $\frac{\pi}{9}$

100100 Δ
 δ

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

100100 Δ
 δ

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

100100 Δ
 δ

 1 0 0 1 0


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

First Mode - Papadic

100100

Δ
 δ $\frac{\pi}{q}$

1 0 0 1 2

0 1 0 0 1 0 0

$\frac{\pi}{q}$

100100

Δ
 δ $\frac{\pi}{q}$

1 0 0 1 0 0

$\frac{\pi}{q}$

0100100

Δ
 δ $\frac{\pi}{q}$

0 1 0 0 1 0 0

$\frac{\pi}{q}$

00100100

Δ
 δ $\frac{\pi}{q}$

0 0 1 0 0 1 0 0

$\frac{\pi}{q}$

00100100

Δ
 δ $\frac{\pi}{q}$

0 0 1 1 1 0 0

0 1 0 1

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

0 1

$\frac{\pi}{q}$

00100100

Δ
 δ $\frac{\pi}{q}$

0 χ^{α} 2

0 2

1

First Mode - Papadic

ῥ̇ ῥ̇ ῥ̇ — ῥ̇ ῥ̇ ῥ̇ — ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇ ῥ̇

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01000100

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000100100

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First Mode - Papadic

X00100100

First Mode - Papadic

00100 $\frac{\pi}{q}$ $\frac{\pi}{q}$

00100 $\frac{\pi}{q}$ $\frac{\pi}{q}$

00100 $\frac{\pi}{q}$ $\frac{\pi}{q}$

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

$\frac{\pi}{q}$

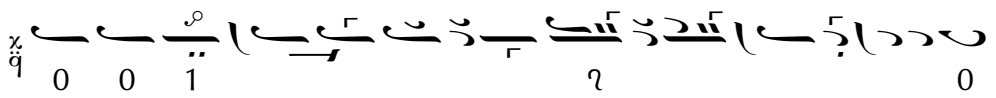
00100 $\frac{\pi}{q}$ $\frac{\pi}{q}$

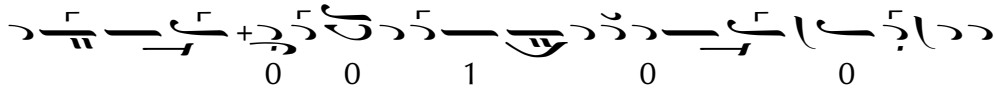
$\frac{\pi}{q}$


00100 $\frac{\pi}{q}$ $\frac{\pi}{q}$

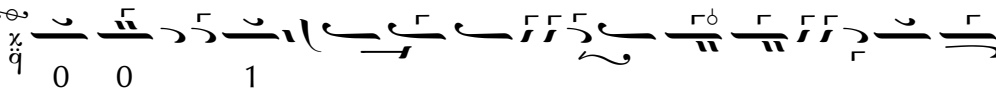
$\frac{\pi}{q}$

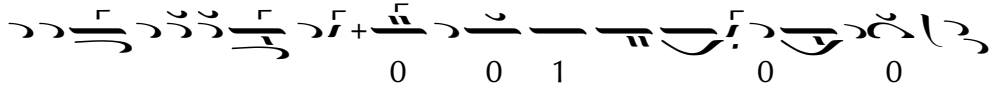
First Mode - Papadic


00100 $\overset{\infty}{\underset{q}{x}}$ 




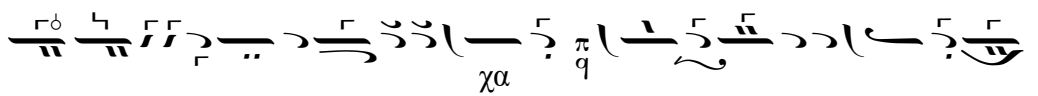
$\overset{\infty}{\underset{q}{x}}$ 

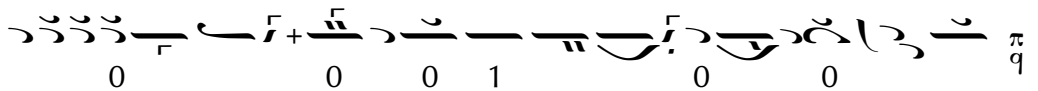
00100 $\overset{\infty}{\underset{q}{x}}$ 

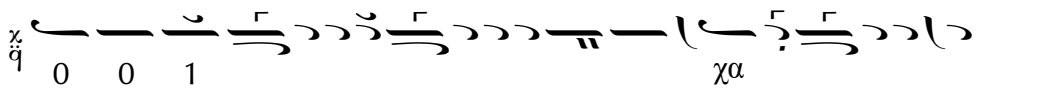


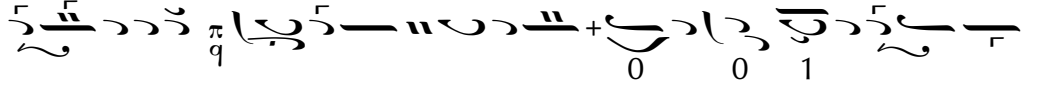
$\overset{\infty}{\underset{q}{x}}$ 

00100 $\overset{\infty}{\underset{q}{x}}$ 





00100 $\overset{\infty}{\underset{q}{x}}$ 



First Mode - Papadic

π/q

π/q

00100

χ

δ

π/q

10100

χ

π/q

π/q

000100

π/q

000100

π/q

000100

π/q

First Mode - Papadic

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

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

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

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

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

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

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

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

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

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

First Mode - Papadic

0100100 $\frac{x}{q}$ $\frac{\pi}{q}$

$\frac{\pi}{q}$

$\frac{\pi}{q}$

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

$\frac{\pi}{q}$

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

$\frac{\pi}{q}$

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

$\frac{\pi}{q}$

010000100 $\frac{x}{q}$ $\frac{\pi}{q}$

$\frac{\pi}{q}$

First Mode - Papadic

100100100

$\frac{\pi}{q}$

100100100

$\frac{\pi}{q}$

10000100100

$\frac{\pi}{q}$

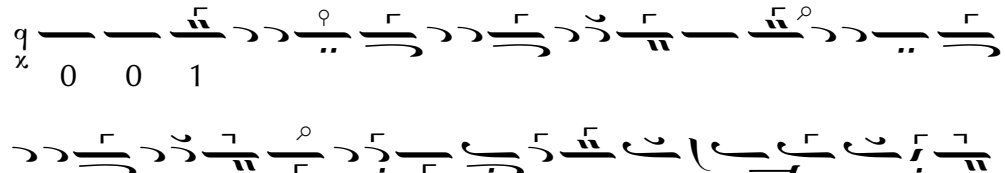
10000100100

$\frac{\Delta}{q}$

First Mode - Papadic

Low Ke - Pa

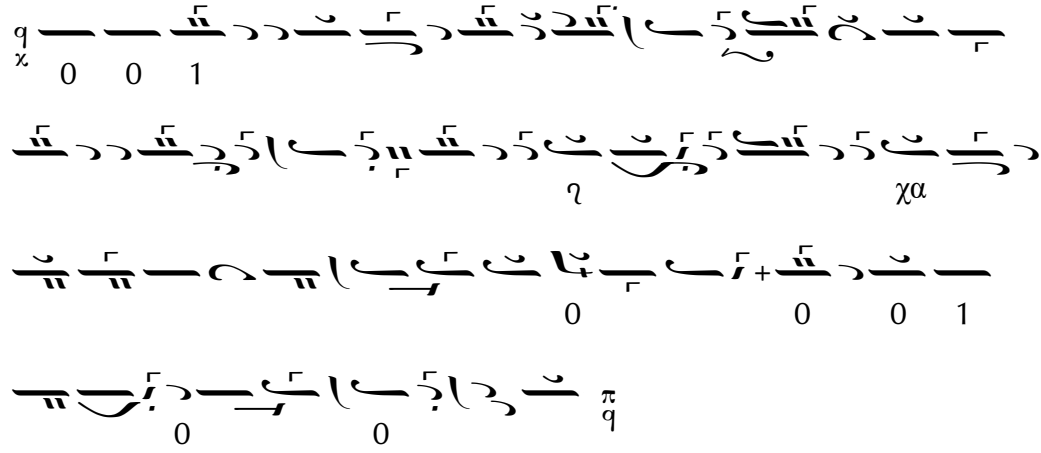
00100



Musical notation for Low Ke - Pa 00100, first system. It consists of a staff with various rhythmic and melodic symbols. Below the staff, there are three numbers: 0, 0, 1.

π_q


00100



Musical notation for Low Ke - Pa 00100, second system. It consists of a staff with various rhythmic and melodic symbols. Below the staff, there are three numbers: 0, 0, 1. At the end of the staff, there are symbols π_q and χ^α .

Low Zo - Pa

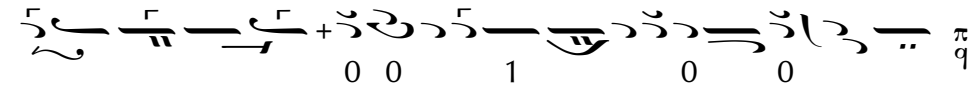
00100



Musical notation for Low Zo - Pa 00100, first system. It consists of a staff with various rhythmic and melodic symbols. Below the staff, there are two numbers: 0, 0.



Musical notation for Low Zo - Pa 00100, second system. It consists of a staff with various rhythmic and melodic symbols. Below the staff, there are four numbers: 0, 1, 1, 0.



Musical notation for Low Zo - Pa 00100, third system. It consists of a staff with various rhythmic and melodic symbols. Below the staff, there are four numbers: 0, 0, 1, 0. At the end of the staff, there is a symbol π_q .

First Mode - Papadic

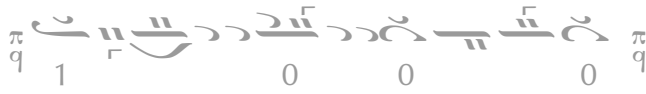
00100

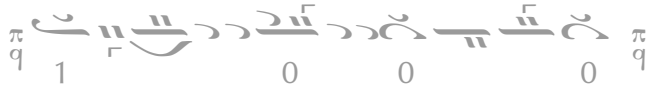
$\frac{\pi}{9}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{\pi}{9}$

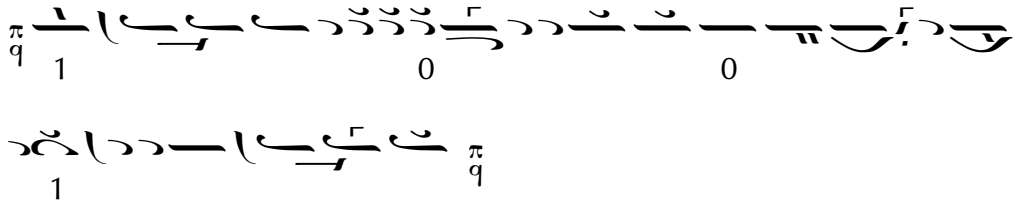
First Mode - Papadic

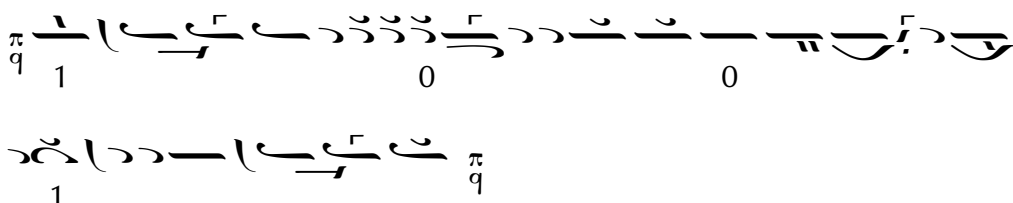
E) Accented on Fourth to Last Syllable


Pa - Pa

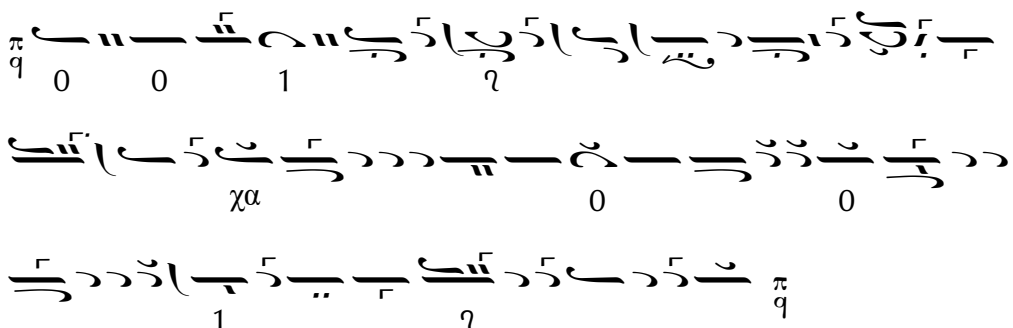
1000 

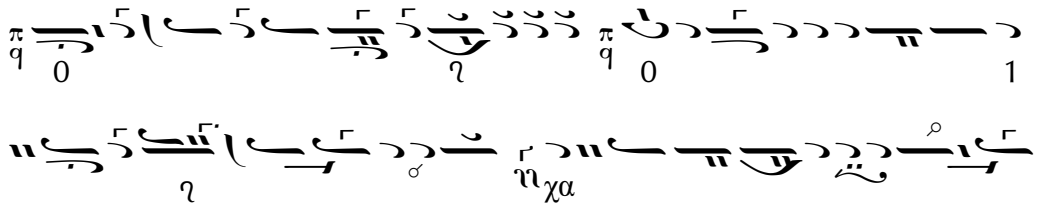
1000 

1001 

1001 

1010 

001001 

001001 

First Mode - Papadic

1001001

Di - Pa

01010

1010

First Mode - Papadic

Ke - Pa

1010 $\frac{\pi}{q}$ $\overset{\circ}{\mu}$ 1 $\overset{\circ}{\mu}$ 0 1 π $\frac{\pi}{q}$

1001 $\frac{\pi}{q}$ 1 0 0

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

10101010

π $\frac{\pi}{q}$ 1 $\overset{\circ}{\mu}$ 1 0 0

$\frac{\pi}{q}$

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

0

$\frac{\pi}{q}$

1010 $\frac{\pi}{q}$ 1 0 1 1

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

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

X0001010 $\frac{\pi}{q}$ 0 0 0 1 0 1

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

Ke - Ke

$$x00 \quad \begin{matrix} \overset{r}{\curvearrowright} & \overset{\pi}{\curvearrowright} \\ \text{X} & 0 & 0 \\ & & q \end{matrix}$$

Medial Cadences on Di

F) Accented on Last Syllable

Pa - Di

001 π^q $0 \quad 0 \quad 0 \quad 1$

Δ

0001 π^q $0 \quad 0 \quad 0 \quad 1$ Δ

0001 π^q $0 \quad 0 \quad 0 \quad 0$

$1 \quad \Delta$

1010001

$1 \quad 0 \quad 1 \quad 0 \quad 0 \quad 0 \quad 1$

$0 \quad 0 \quad 0 \quad 0$

$1 \quad \Delta$

0001 π^q $0 \quad 0 \quad 0 \quad 0$

$1 \quad \Delta$

First Mode - Papadic

00001

π _q 0 0 0 0 1 Δ

00001

π _q 0 0 0 0 0 0 0 Δ

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

? 0 0 0 1

00001

π _q 0 $\chi\alpha$ 0

$\frac{1}{2}$ 0

$\frac{1}{2}$ 0

0 0 0 1

$\frac{1}{2}$ Δ

00001

π _q 0 $\chi\alpha$ 0

$\frac{1}{2}$ 0

$\frac{1}{2}$ 0

0 0 0 1

$\frac{1}{2}$ Δ

First Mode - Papadic

000001

000001

First Mode - Papadic

000001 π_q π_q

π_q

Δ

1000001 π_q $\chi\alpha$

Δ

10010001 π_q

First Mode - Papadic

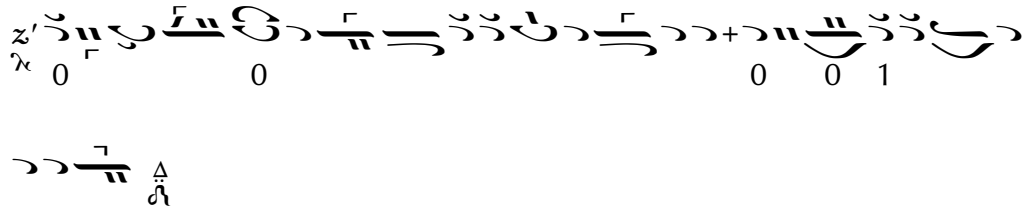
$\frac{\Gamma}{\Pi} \frac{\zeta}{0} - \frac{\Gamma}{\Pi} \frac{\zeta}{0} - \frac{\Gamma}{\Pi} \frac{\zeta}{0} + \frac{\Gamma}{\Pi} \frac{\zeta}{0} - \frac{\Gamma}{\Pi} \frac{\zeta}{1}$

$\frac{\Gamma}{\Pi} \frac{\zeta}{\Delta}$

First Mode - Papadic

High Zo - Di

001



First Mode - Papadic

G) Accented on Second to Last Syllable

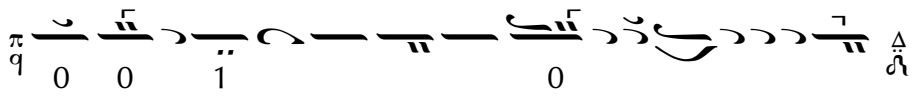
Pa - Di


10 π


010 π


010 π






First Mode - Papadic


0010 

00010 

X00010 

100010 

		
1	1	0
		
1	0	

100010 

First Mode - Papadic

0 1

0 0 0 1 0 Δ

100010

π 1 0

0 0 1

0 0 0 1 0 Δ

100010

π 1

0 0 0

0 1

0 0 0 1 0 Δ

Di - Di

10

Δ 1 0 Δ

First Mode - Papadic

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

$\overset{\Delta}{\text{di}}$

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

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

$\overset{\Delta}{\text{di}}$

0010 $\overset{\Delta}{\text{di}}$ 0 0 1 0 $\overset{\Delta}{\text{di}}$

0010 $\overset{\Delta}{\text{di}}$ 0 0 1 0 $\overset{\Delta}{\text{di}}$

$\overset{\Delta}{\text{di}}$

Ke - Di

10 $\overset{\times}{\text{qi}}$ 1 0 $\overset{\Delta}{\text{di}}$

10 $\overset{\times}{\text{qi}}$ 1 0 $\overset{\Delta}{\text{di}}$

010 $\overset{\times}{\text{qi}}$ 0 1 0 $\overset{\Delta}{\text{di}}$

First Mode - Papadic

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

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

$\frac{\Delta}{\lambda}$

10010 $\frac{x}{q}$ $\frac{x}{q}$
 1 0 0 1 0 $\frac{\Delta}{\lambda}$

010010 $\frac{x}{q}$ $\frac{x}{q}$
 0 1 0 0 1 0 $\frac{\Delta}{\lambda}$

010010 $\frac{x}{q}$ $\frac{x}{q}$
 0 1 0 0 1 0 $\frac{\Delta}{\lambda}$

First Mode - Papadic

H) Accented on Third to Last Syllable

Pa - Di

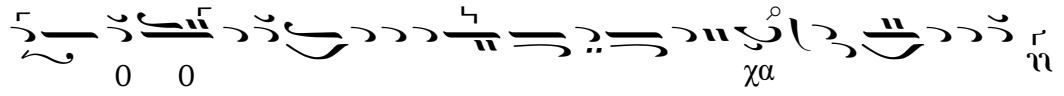
0100

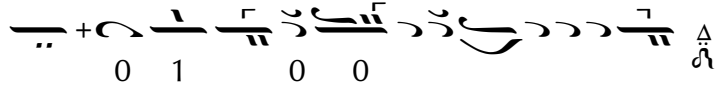
0100

0100

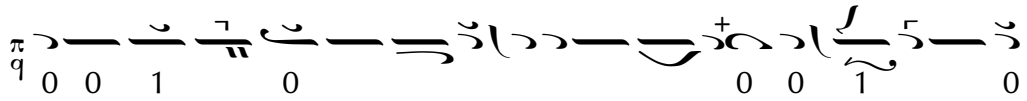
0100

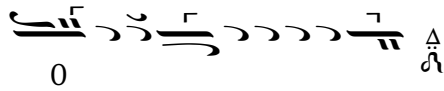
First Mode - Papadic



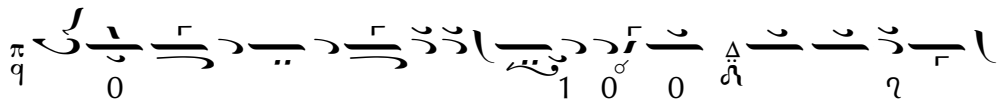


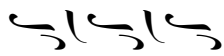
00100

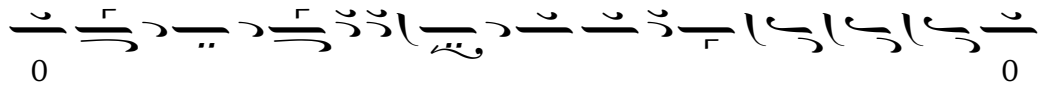


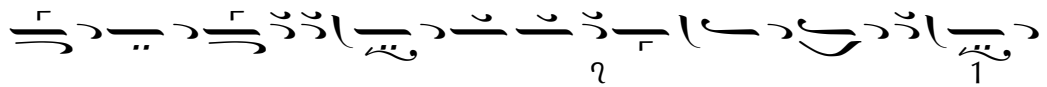


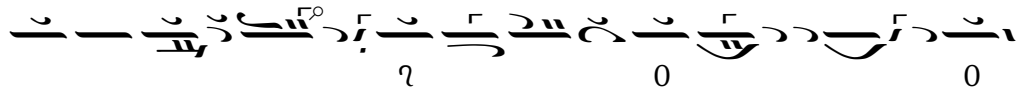
100000100













Di - Di

First Mode - Papadic

0100 $\overset{\Delta}{\underset{\Delta}{\mathfrak{A}}}$

0100 $\overset{\Gamma}{\mathfrak{A}} \overset{\Gamma}{\mathfrak{A}} \overset{\Gamma}{\mathfrak{A}} \overset{\Gamma}{\mathfrak{A}} \overset{\Delta}{\underset{\Delta}{\mathfrak{A}}}$
 0 1 0 0

Ke - Di

100

$$\frac{\frac{\infty}{q}}{1} \rightarrow \frac{\Gamma}{0} \frac{\infty}{0} \frac{\Delta}{d}$$

First Mode - Papadic

I) Accented on Fourth to Last Syllable

Pa - Di

1000

Musical notation for Pa - Di with binary sequence 1000. The notes are: Pa (1), Di (0), Pa (1), Di (0), Pa (0), Di (0). The fourth note, Di, is highlighted in yellow.

Di - Di

1001

Musical notation for Di - Di with binary sequence 1001, showing three different rhythmic patterns. The notes are: Di (1), Di (0), Di (0), Di (1). The first pattern has a $\chi\alpha$ symbol under the second note. The second pattern has a $\chi\alpha$ symbol under the third note and a 0 under the fourth note. The third pattern has a 0 under the first note and a 1 under the third note.

Ke - Di

01010

Musical notation for Ke - Di with binary sequence 01010. The notes are: Ke (0), Di (1), Ke (0), Di (1), Ke (0).

First Mode - Papadic

0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 0 0 0 1

0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 0 0 0 0 0 0 1

0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 0 0 0 0 0 0 1

$\frac{x}{q}$

0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 0 0 0 0

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

0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 0 0 0 0 0 0 0 1

$\frac{x}{q}$

X0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 X 0 0 0 1

X0001 $\frac{\pi}{q}$ $\frac{x}{q}$
 X 0 0 0 0 0 0 1

$\frac{x}{q}$

10001 $\frac{\pi}{q}$ $\frac{x}{q}$
 1 0 0 0 1

First Mode - Papadic

10001 $\frac{\pi}{q}$ $\frac{x}{q}$

$\frac{x}{q}$

$\frac{x}{q}$

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


$\frac{x}{q}$


$\frac{x}{q}$

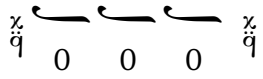
1010001 $\frac{\pi}{q}$ $\frac{x}{q}$

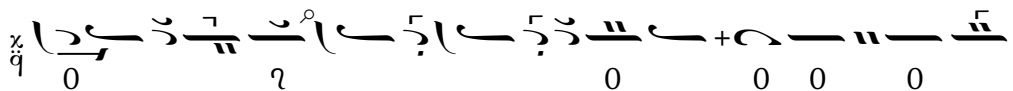
First Mode - Papadic

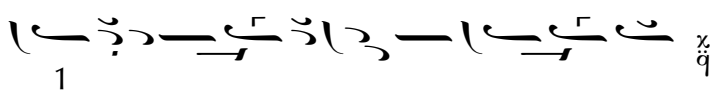
Ke - Ke

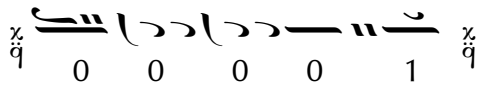
1 

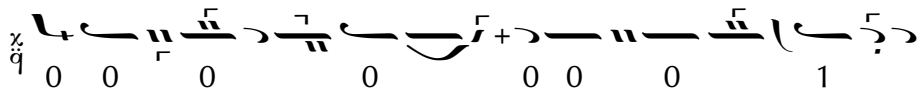



000 

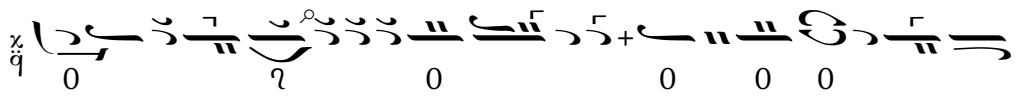
0001 

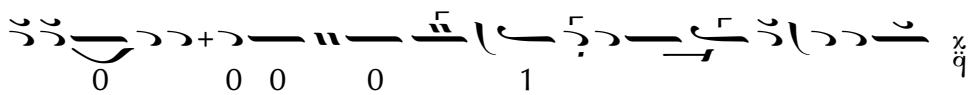


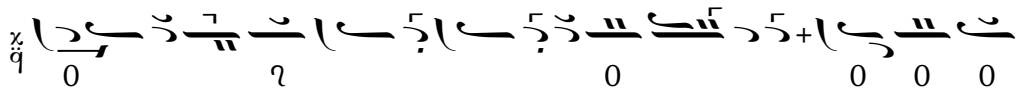
00001 

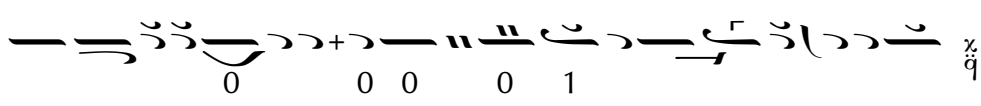
00001 



00001 



00001 



First Mode - Papadic

00001

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

1000001

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

Low Zo - Ke

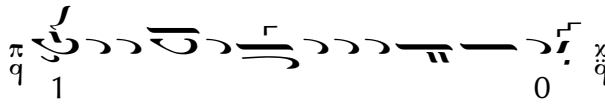
1000001

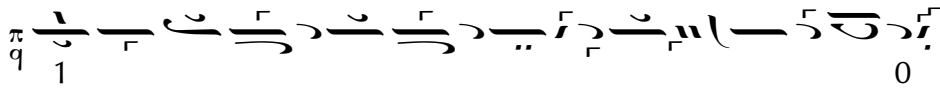
$\frac{x}{q}$
 $\frac{x}{q}$

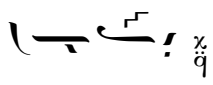
First Mode - Papadic

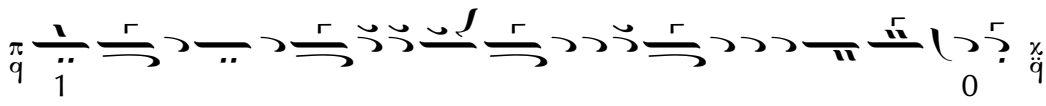
K) Accented on Second to Last Syllable

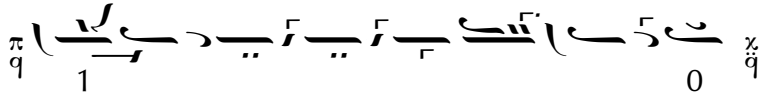
Pa - Ke

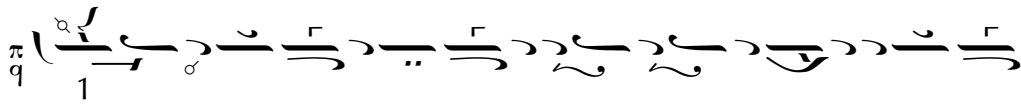
10 π _q 

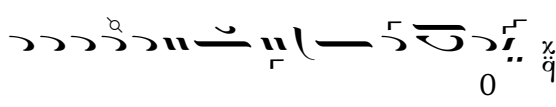
10 π _q 

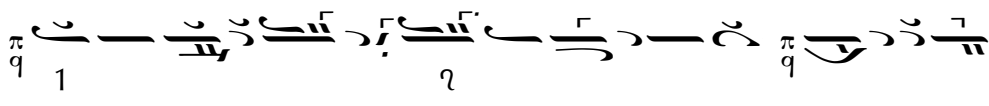


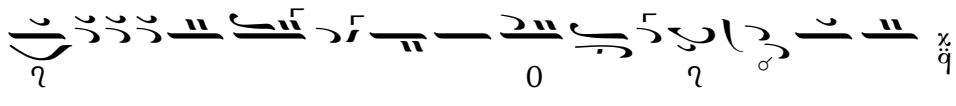
10 π _q 

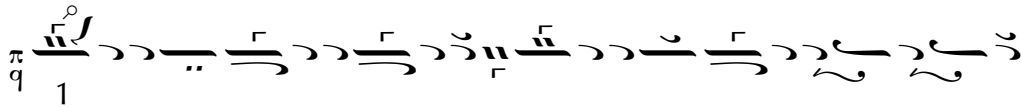
10 π _q 

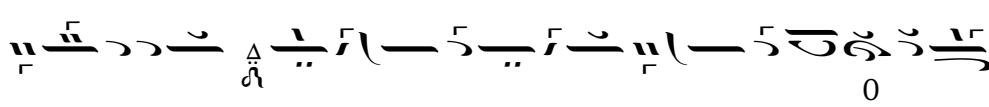
10 π _q 

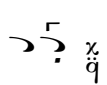


10 π _q 




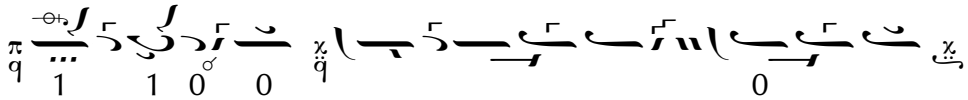
10 π _q 

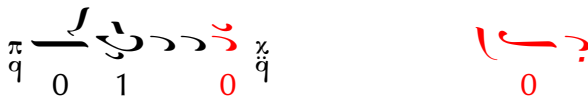






First Mode - Papadic

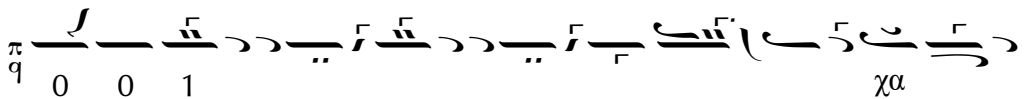
10 π_q $\frac{1}{1}$ 

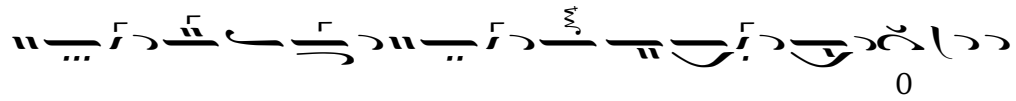
10 π_q $\frac{1}{1}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{x}{q}$ 

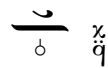
010 π_q $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{x}{q}$ 

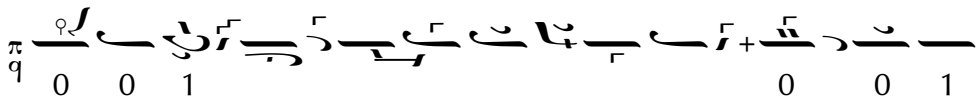
010 π_q $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ 

$\frac{x}{q}$ 

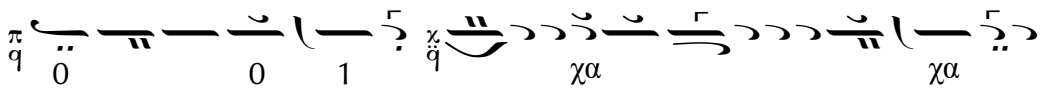
010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ χ^a 

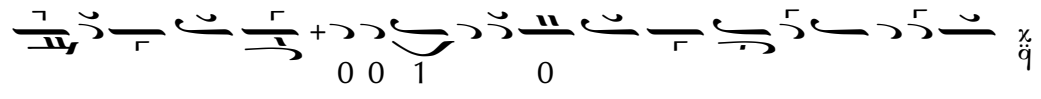
$\frac{0}{0}$ 

$\frac{x}{q}$ 

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ 

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

0010 π_q $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{x}{q}$ χ^a χ^a 

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

First Mode - Papadic

010

0 0 1 2

0 0 1

0

0010

0 0 1 2

0 0 1

0

0010

0 0 1

Δ $\chi\alpha$ η

0

00010

0 0 0 2 η 0 0 0

1 0 0

1 0

First Mode - Papadic

10010 π
 $\frac{\pi}{q}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{x}{q}$

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

10010 π
 $\frac{\pi}{q}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{x}{q}$

10010 π
 $\frac{\pi}{q}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{x}{q}$

000010 π
 $\frac{\pi}{q}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{x}{q}$

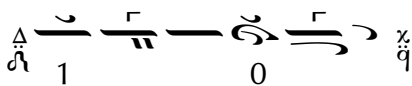
$\frac{x}{q}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{x}{q}$

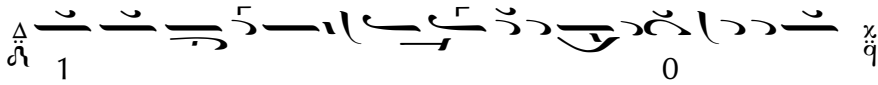
$\frac{x}{q}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{x}{q}$


000010010 π
 $\frac{\pi}{q}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{1}{1}$ $\frac{0}{0}$ $\frac{x}{q}$


First Mode - Papadic


Di - Ke


10 


1010 

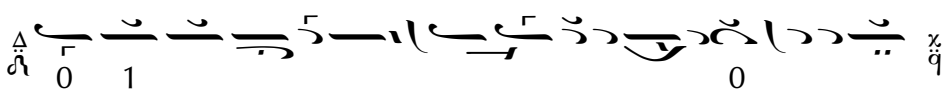
10 

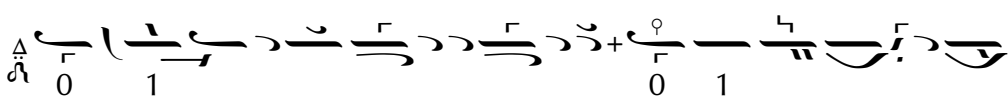
10 




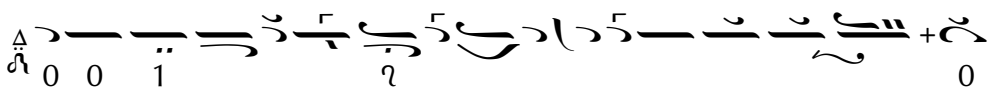


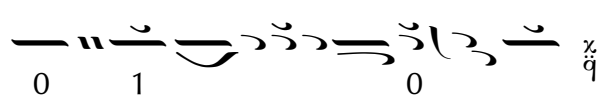


010 

010 



010 



First Mode - Papadic

010 $\overset{\Delta}{\delta} \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots$

$\chi\alpha$ $\chi\alpha$

$\underset{0}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots$

010 $\overset{\Delta}{\delta} \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots$

$\chi\alpha$ $\chi\alpha$

$\underset{0}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots$

Ke - Ke

01010 $\underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{1}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ }$

10 $\underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{1}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ }$

010 $\underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ }$

$\underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ }$

010 $\underset{0}{\Gamma} \text{ } \underset{1}{\Gamma} \text{ } \dots \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ } \underset{0}{\Gamma} \text{ } \text{ }$

First Mode - Papadic

0010

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

0010

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

0 0 0 1 0

$\frac{x}{q}$

10010

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

10010

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

10010

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

00010

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

0 $\frac{x}{q}$

000010

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

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

First Mode - Papadic


000010

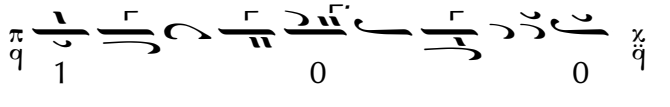
The image shows three lines of musical notation for the First Mode - Papadic. The notation consists of black symbols on a white background, with some symbols having a 'q' with a 'x' above it. Below the first line, there are five binary digits: 0, 0, 0, 0, 1. Below the second line, there is one binary digit: 0. Below the third line, there are five binary digits: 0, 0, 1, 0, 0.

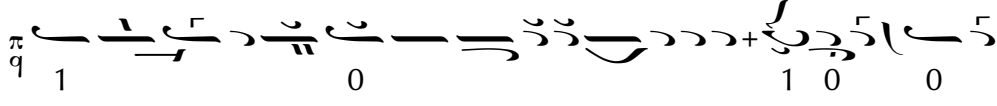
First Mode - Papadic

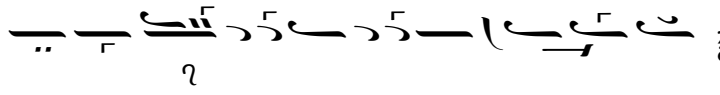
L) Accented on Third to Last Syllable

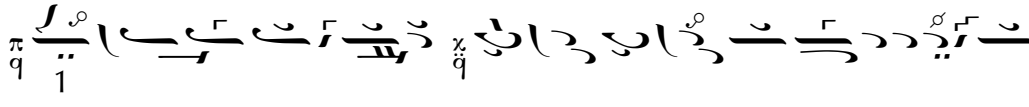
Pa - Ke

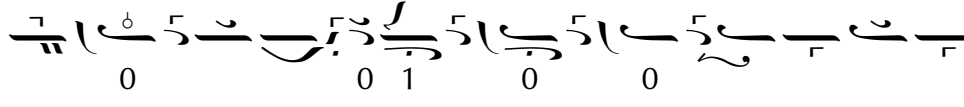
100 


100 

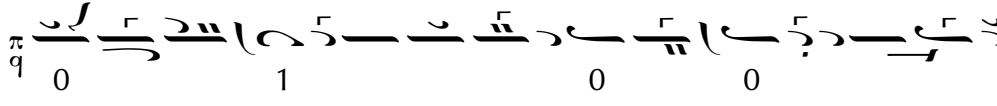
100 

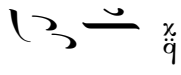



100 






0100 



0100 



First Mode - Papadic

0100 π_q $\frac{x}{q}$

00100 π_q $\frac{x}{q}$

00100 π_q $\frac{x}{q}$

X0100 π_q $\frac{x}{q}$

000100 π_q $\frac{x}{q}$

First Mode - Papadic

100100100100

π_q 1 1 0 0 x_q

0 1

+

1 0 0 1 0 0 x_q

000010X

π_q 0 0 0 0 1 x_q

0 0 1

0 X x_q

000010X

π_q 0 0 0 0 1 x_q

0 0 1

0 X x_q

100010X

π_q 1 0 0 0 1 0 X x_q

First Mode - Papadic

First Mode - Papadic

Di - Ke

100

100

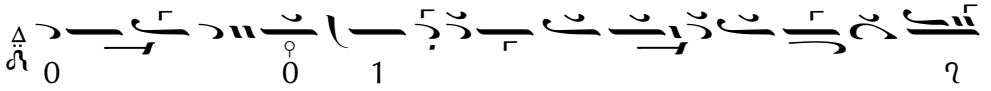
100

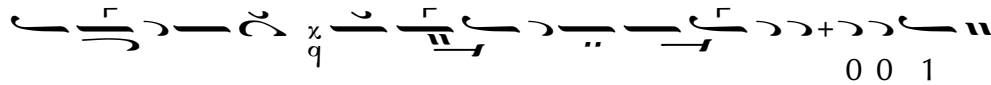
00100

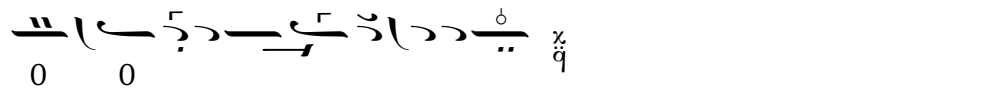
00100


100

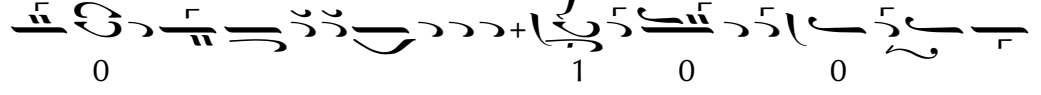
First Mode - Papadic

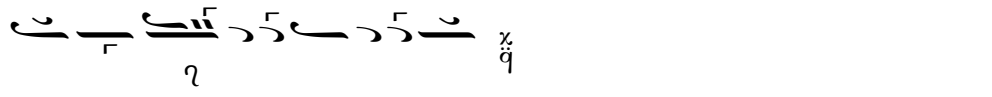
00100 $\overset{\Delta}{\underset{\delta}{\text{א}}}$  $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$ $\underset{?}{\text{א}}$

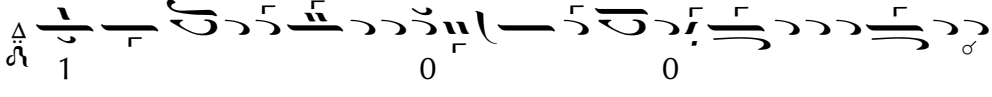
 $\underset{?}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$

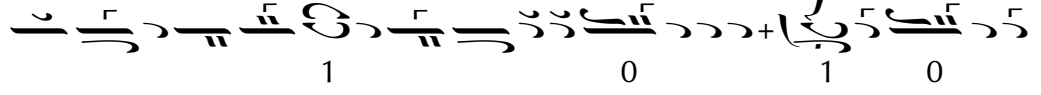
 $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{?}{\text{א}}$

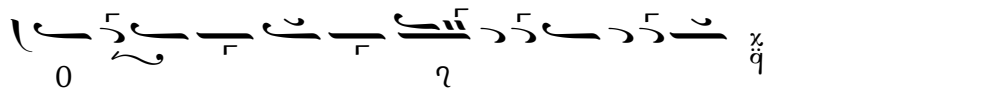
100100 $\overset{\Delta}{\underset{\delta}{\text{א}}}$  $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$

 $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$

 $\underset{?}{\text{א}}$ $\underset{?}{\text{א}}$

100100 $\overset{\Delta}{\underset{\delta}{\text{א}}}$  $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$

 $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$

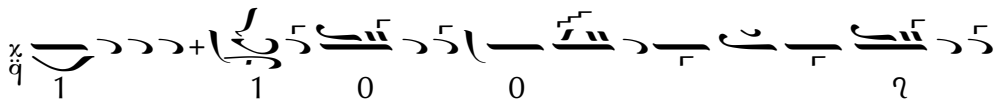
 $\underset{0}{\text{א}}$ $\underset{?}{\text{א}}$ $\underset{?}{\text{א}}$ $\underset{?}{\text{א}}$

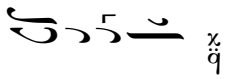
100100 $\overset{\Delta}{\underset{\delta}{\text{א}}}$  $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{1}{\text{א}}$ $\underset{0}{\text{א}}$ $\underset{0}{\text{א}}$

 $\underset{?}{\text{א}}$ $\underset{?}{\text{א}}$

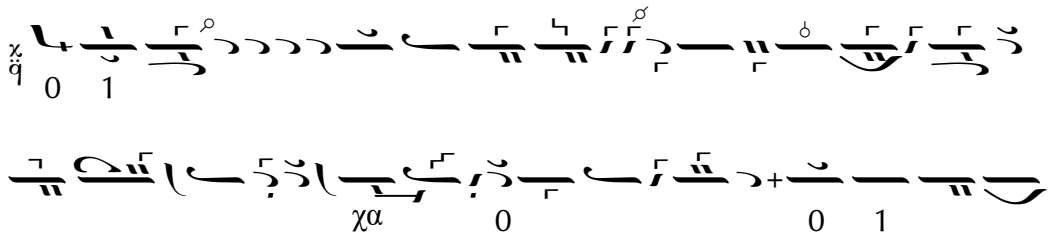
First Mode - Papadic

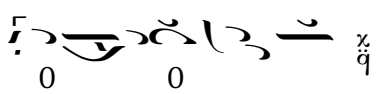
Ke - Ke

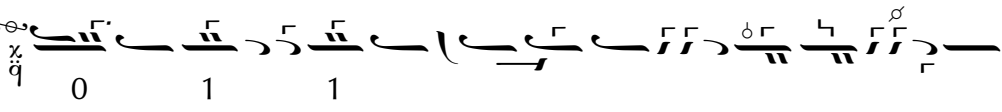
100 

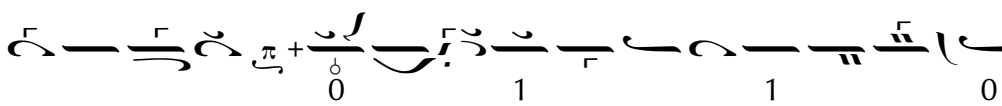


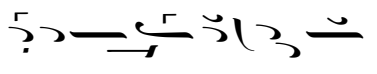
0100 


0100 





0110 





00100 





First Mode - Papadic

(10)0100 $\frac{x}{q}$ $\frac{x}{q}$
 0 1 0 0 1 0 0

$\frac{x}{q}$

(10)0100 $\frac{x}{q}$ $\frac{x}{q}$
 1 0 1 0 0 1 0

$\frac{x}{q}$

X0100 $\frac{x}{q}$ $\frac{x}{q}$
 X 0 1

$\frac{x}{q}$ X

$\frac{x}{q}$

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

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

$\frac{x}{q}$

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

$\frac{x}{q}$

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

First Mode - Papadic

100100

$\frac{x}{q}$

(10)00100

$\frac{x}{q}$

00100100

$\frac{x}{q}$

00100100

$\frac{x}{q}$

10000100

$\frac{x}{q}$

First Mode - Papadic

0100100100

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

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

0 1 0 0 1 0 0

$\frac{x}{q}$

High Pa - Ke

100

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

$\frac{x}{q}$

100

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

0100100

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

1 0


1 0 0

$\frac{x}{q}$

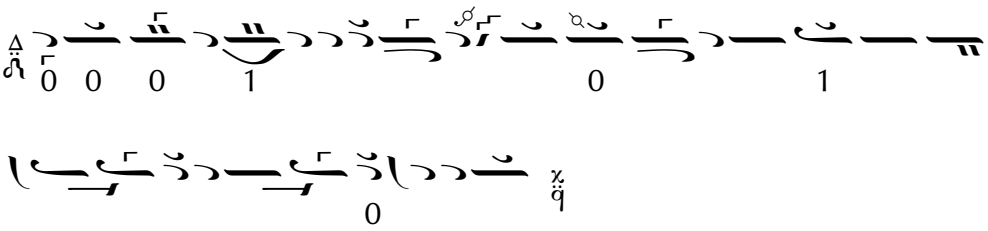
First Mode - Papadic

M) Accented on Fourth to Last Syllable

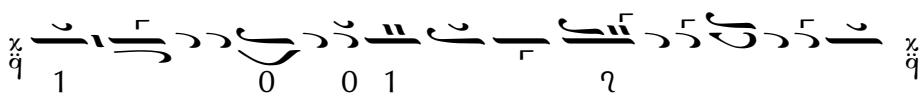
Pa - Ke

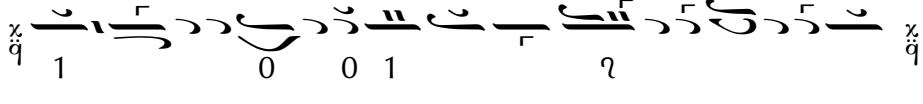
1000 

Di - Ke

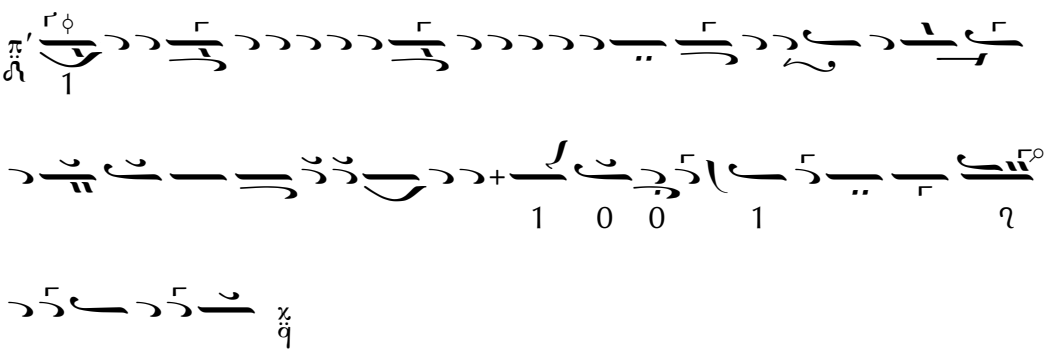
0001010 

Ke - Ke

1001 

1001 

High Pa - Ke

1001 

0001010 

First Mode - Papadic

00 $\frac{x}{q}$ 

Ke - Ke

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

Medial Cadences on Low Ke

N) Accented on Last Syllable

Pa - Low Ke

001 π
q 0 0 1 q x

001 π
q 0 0 1 q x

001 π
q 0 0 0 $\mu\epsilon$

π
q 0 0 1 q x

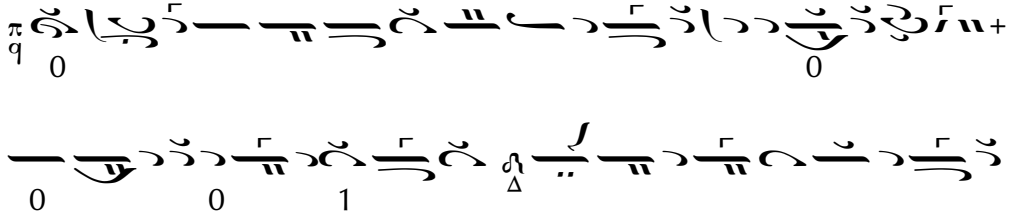
001 π
q 0 0 0

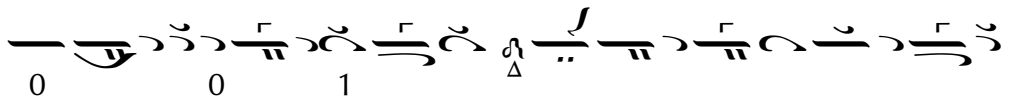
π
q 0 1 q x


001 π
q 0

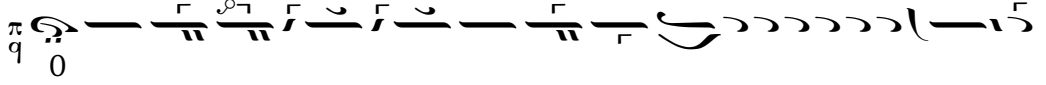
π
q 0 0 1 q x

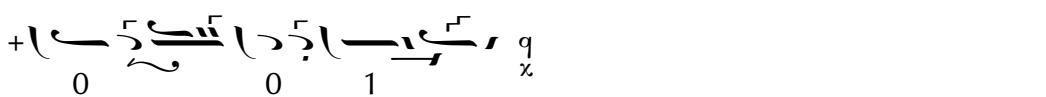
First Mode - Papadic

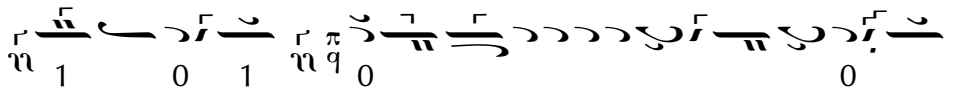
001 

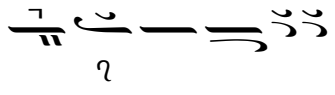


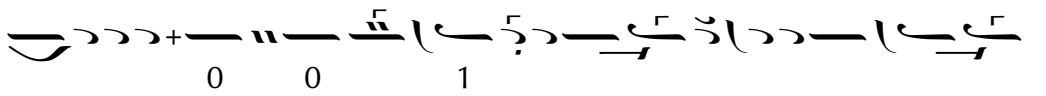


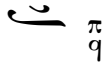
001 



101001 







First Mode - Papadic

0001

The first line of notation starts with a double bar line, followed by a quarter note with a 'q' above it and a '0' below it. This is followed by a series of rhythmic symbols including eighth and sixteenth notes with stems, and a final quarter note with a '0' below it. The second line begins with a quarter note with a '0' below it, followed by a quarter note with a '1' below it, and then a series of eighth notes with stems. The third line starts with a quarter note with a '0' below it, followed by another quarter note with a '0' below it, then a quarter note with a '0' below it, a quarter note with a '1' below it, and ends with a quarter note with a 'q' above it and an 'x' below it.

Pa - Low Di

001

The first line starts with a quarter note with a 'q' above it and a '0' below it, followed by a quarter note with a '0' below it, then a quarter note with a '1' below it, and ends with a quarter note with a 'q' above it and a 'Δ' below it. The second line begins with a quarter note with a 'q' above it and a '0' below it, followed by a quarter note with a 'χ' above it and a 'α' below it, then a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, and ends with a quarter note with a '0' below it and a '0' below it. The third line starts with a quarter note with a '0' below it, followed by a quarter note with a '1' below it, and ends with a quarter note with a 'q' above it and a 'Δ' below it.

High Ke - Low Ke

1010001

The notation starts with a quarter note with a 'q' above it and a '1' below it, followed by a quarter note with a '0' below it, a quarter note with a '1' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '0' below it, a quarter note with a '1' below it, and ends with a quarter note with a 'q' above it and an 'x' below it.

First Mode - Papadic

O) Accented on Second to Last Syllable

Pa - Low Ke

10 π
q 1  0 $\frac{q}{x}$

10 π
q 1  0

 $\frac{q}{x}$

10 π
q 1 

 $\frac{q}{x}$

10 π
q 1  0


 $\frac{q}{x}$


010 π
q 1  $\chi\alpha$ $\frac{q}{x}$ 2


 1 0


 $\frac{q}{x}$

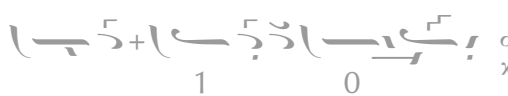
First Mode - Papadic


10 π
 $\frac{q}{1}$ 

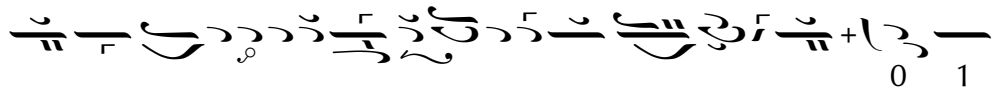





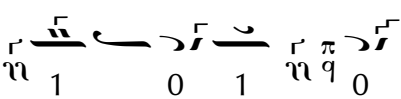
10 π
 $\frac{q}{1}$ 



010 π
 $\frac{q}{0}$ 





101001 π
 $\frac{q}{0}$ 

First Mode - Papadic

P) Accented on Third to Last Syllable

Pa - Low Ke

0010100

π
q

0 0 1

q 0 0 0 1 0 1 0 q z

First Mode - Papadic

Q) Accented on Fourth to Last Syllable

Pa - Low Ke

01001

$\overset{\pi}{\underset{q}{\curvearrowright}}$

$\overset{\curvearrowright}{0} \overset{\curvearrowright}{0} \overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{\text{z}} \overset{q}{\underset{x}{\curvearrowright}}$

01001

$\overset{\pi}{\underset{q}{\curvearrowright}} \overset{\curvearrowright}{0} \overset{\curvearrowright}{1} \overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{0} \overset{\curvearrowright}{0} \overset{\curvearrowright}{1} \overset{\curvearrowright}{\text{z}} \overset{q}{\underset{x}{\curvearrowright}}$

101001

$\overset{\curvearrowright}{\text{z}} \overset{\curvearrowright}{1} \overset{\curvearrowright}{0} \overset{\curvearrowright}{1} \overset{\curvearrowright}{\text{z}} \overset{\pi}{\underset{q}{\curvearrowright}} \overset{\curvearrowright}{0}$

First Mode - Papadic

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

$\overset{\alpha}{\Delta}$ 1

$\overset{\nu'}{\alpha}$ 0 $\overset{\pi'}{\alpha}$

Ke - High Pa

010 $\overset{x}{q}$ $\overset{\pi'}{\alpha}$

010 $\overset{x}{q}$ $\overset{\pi'}{\alpha}$

010 $\overset{x}{q}$ $\overset{\pi'}{\alpha}$

0010 $\overset{x}{q}$ $\overset{\pi'}{\alpha}$

0010 $\overset{x}{q}$ $\overset{\pi'}{\alpha}$

High Nee - High Pa

0010 $\overset{\nu'}{\alpha}$ $\overset{\pi'}{\alpha}$

$\overset{\pi'}{\alpha}$

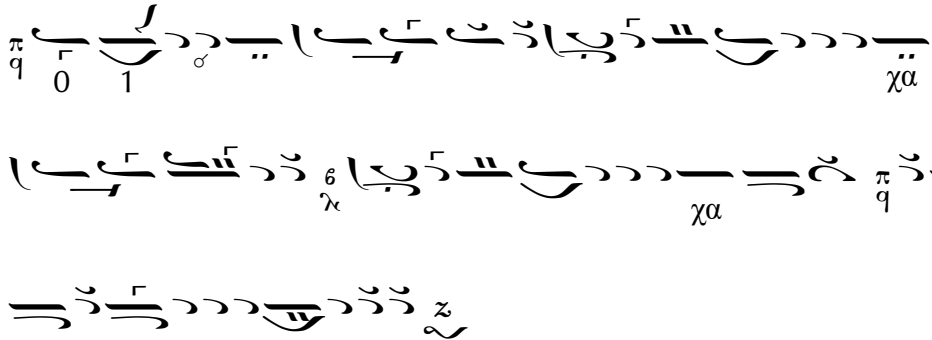
T) Accented on Third to Last Syllable

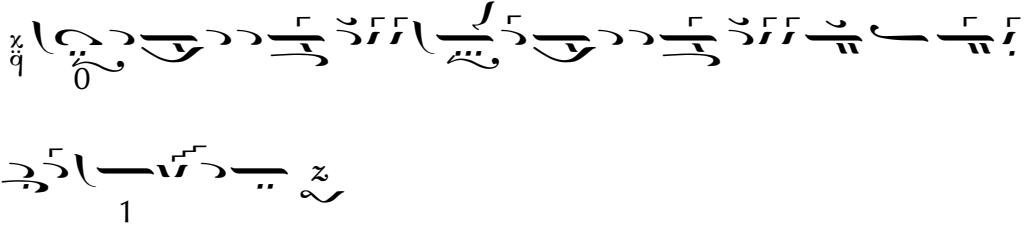
Ke - High Pa

First Mode - Papadic

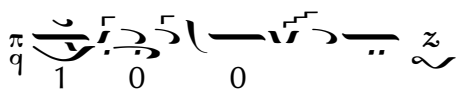
Medial Cadences on Low Zo

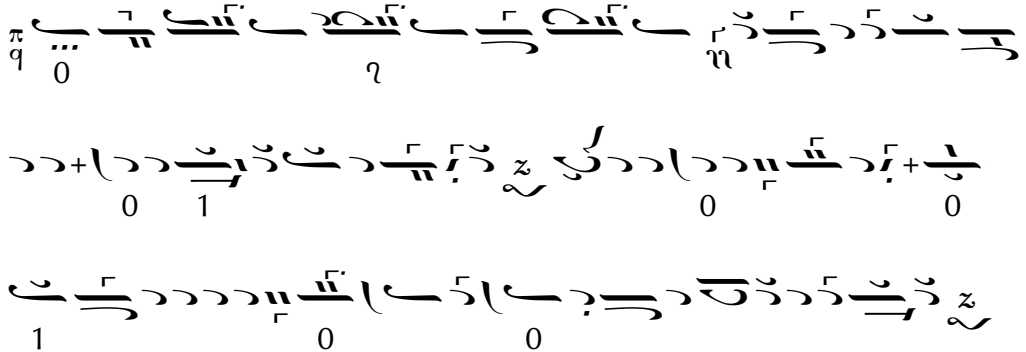
U) Accented on Last Syllable

01 

01 

V) Accented on Third to Last Syllable

100 

0100 

First Mode - Papadic

00100

$\overset{z}{\sim}$ 0 0 2

$\overset{z}{\sim}$ 0 0 1 0

$\overset{z}{\sim}$ 0 0 1 0 0

$\overset{z}{\sim}$

100100

$\overset{z}{\sim}$ 1 2 0 0 1

$\overset{z}{\sim}$ 0 1

$\overset{z}{\sim}$ 0 0

0100100

$\overset{z}{\sim}$ 1 0 0 1 0 0

$\overset{z}{\sim}$ 1

$\overset{z}{\sim}$ 0 1 0 0 1 0

$\overset{z}{\sim}$ 0

First Mode - Papadic

100100100

The image shows two lines of musical notation for the First Mode of the Papadic scale. The notation consists of rhythmic values (1, 0, 0, 1, 0, 0, 1, 0, 1) placed below specific notes. The notes are represented by various symbols including horizontal lines, vertical stems, and curved lines, some with additional markings like dots or flags. The first line contains 9 notes and the second line contains 4 notes, totaling 13 notes.

First Mode - Papadic

W) Accented on Fourth to Last Syllable

01001

π 0 1 2 π 0

0 0 1 0 0

1

Other Medial Cadences

X) Medial Cadences on High Zo

(usually used after a formula in the previous section)

010	
10	
10	
X0001	
000100	
0100	

First Mode - Papadic

ZT) Medial Cadences on High Nee

10	
100	
00001	
1000	
000010	
00001	
00001	
100001	
000010	

First Mode - Papadic

0010

π
q
0

0 1

+

0 0 α Δ 1

π'
δ'

0

First Mode - Papadic

UAA) Old (slow) Sticheric 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).

Accented on last syllable:

01 $\overset{\pi}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\pi}{\underset{q}{\text{—}}}$

001 $\overset{\pi}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}}$

001 $\overset{\pi}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}}$

$\overset{\text{—}}{\underset{?}{\text{—}}} \overset{\pi}{\underset{q}{\text{—}}}$

X01 $\overset{\pi}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{x}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\pi}{\underset{q}{\text{—}}}$

0001 $\overset{x}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}}$

$\overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\pi}{\underset{q}{\text{—}}}$

0001 $\overset{\Delta}{\underset{q}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{0}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{1}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}}$

$\overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\text{—}}{\underset{?}{\text{—}}} \overset{\pi}{\underset{q}{\text{—}}}$

First Mode - Papadic

10001 $\overset{\Delta}{\delta}$ 1 0 0

0 2 1 $\overset{\pi}{\rho}$

10001 $\overset{\pi}{\rho}$ 1 0 0 0 1 $\overset{\Delta}{\delta}$

10001 $\overset{\pi}{\rho}$ 1 0 0 0 1 2

$\overset{\pi}{\rho}$

010001 $\overset{\pi}{\rho}$ 0 1 0 0 0 1 $\overset{\pi}{\rho}$

Accented on second to last syllable:

010 $\overset{\Delta}{\delta}$ 0 1 0 $\overset{\pi}{\rho}$

0010 $\overset{\pi}{\rho}$ 0 0 1 0 0 1

0 2 $\overset{\pi}{\rho}$

First Mode - Papadic

0010 $\overset{\Delta}{\delta} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{0} & & \text{0} & & \text{1} & & & \text{?} \end{array} \right)$

$\overset{\Gamma}{\text{Clef}} \text{Clef} \text{Clef} \overset{\pi}{\underset{q}{\text{0}}}$

X010 $\overset{\pi}{q} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{X} & \text{0} & \text{1} & & & & & \end{array} \right)$

$\overset{\Gamma}{\text{Clef}} \text{Clef} \text{Clef} \overset{\pi}{\underset{q}{\text{0}}}$

X010 $\overset{\pi}{q} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{X} & & \text{0} & \text{1} & & & \text{0} & \text{?} \end{array} \right)$

$\overset{\Gamma}{\text{Clef}} \text{Clef} \overset{\pi}{\underset{q}{\text{0}}}$

10010 $\overset{\Delta}{\delta} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{1} & \text{0} & & \text{0} & \text{1} & & & \end{array} \right)$

$\overset{\Gamma}{\text{Clef}} \text{Clef} \text{Clef} \overset{\pi}{\underset{q}{\text{0}}}$

00010 $\overset{\Gamma}{\text{Clef}} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{0} & \text{0} & \text{0} & \text{1} & & & & \end{array} \right)$

$\overset{\Gamma}{\text{Clef}} \text{Clef} \text{Clef} \overset{\pi}{\underset{q}{\text{0}}}$

0000010 $\overset{\Delta}{\delta} \left(\begin{array}{cccccccc} \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} & \text{Clef} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{1} & \text{0} & \overset{\Delta}{\delta} \end{array} \right)$

Accented on third to last syllable:

100

Δ π
 δ π
 δ 1 0 1 0 0 π 1

π
 q
 0 0 π
 q

100

Δ π
 δ 1 0 0 π
 q

0100

π 1 0 π
 q

0100

π
 q
 π 0 1 π 2 0 1 0 0 2 π

0100

π 0 1 0 π 0 π 0 π

0100

π 0 1 2 π

0 2 0 1 π

π 0 0 π
 q

0100

π 0 1 0 2 0 π
 q

First Mode - Papadic

0100 π_9 0 1 0 2 0 π_9

0100 π_9 0 1 0 2 0 π_9

0100 π_9 0 1 0 0 π_9

0100 π_9 0 1 0 0 π_9

1

0100 π_9 0 1 0 2 0 π_9

1

0100 π_9 0 1 0 0 2


π_9

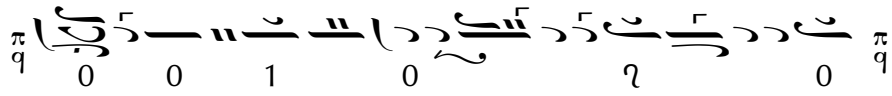
010X π_9 0 1 2

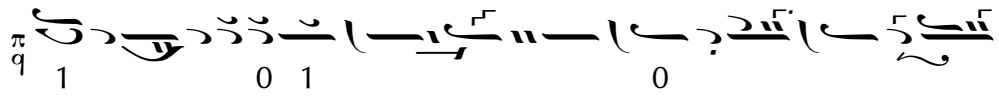
0 2 0 0 1 0

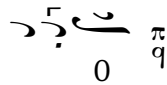
X π_9

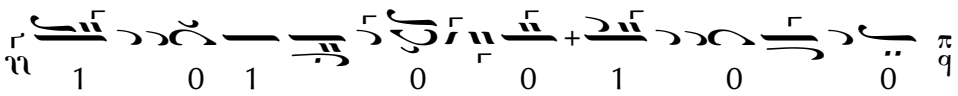
First Mode - Papadic

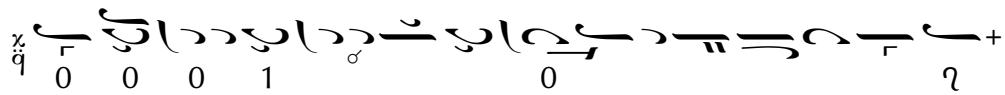
00100  π_q

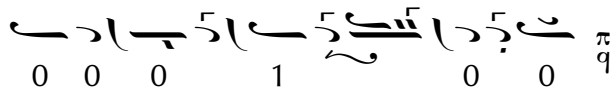
00100  π_q

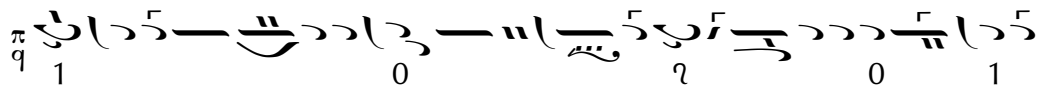
10100  π_q

 π_q

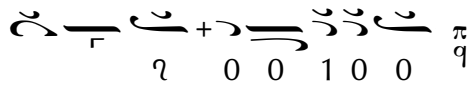
10100  π_q

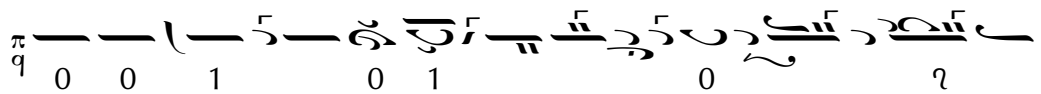
000100  π_q

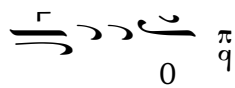
 π_q

100100  π_q

 π_q

 π_q

0010100  π_q

 π_q

First Mode - Papadic

0100100

0100100

0100100

0100100

1000100

First Mode - Papadic

000100

Accented on fourth to last syllable:

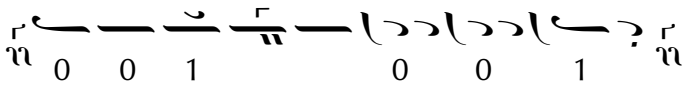
1010

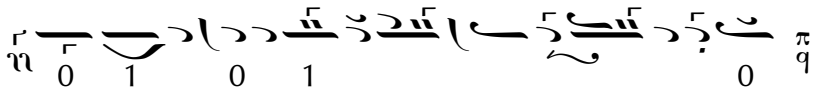
X010

01001

01001

First Mode - Papadic

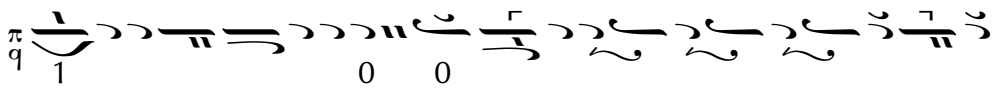
01001 

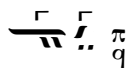
01010 

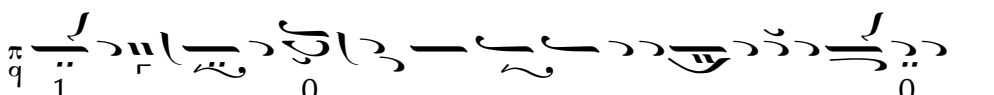
First Mode - Papadic

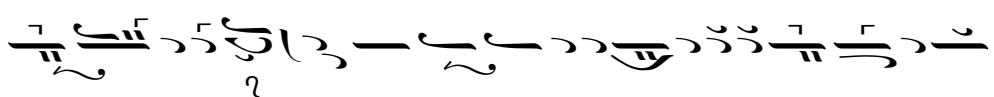
AB) Final Cadences

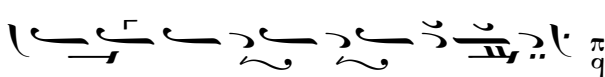
Pa - Pa

100  π _q 1 0 0

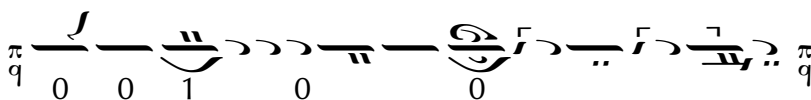
 π _q

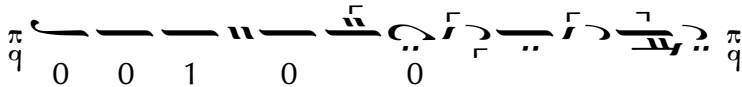
100  π _q 1 0 0

 π _q 2

 π _q

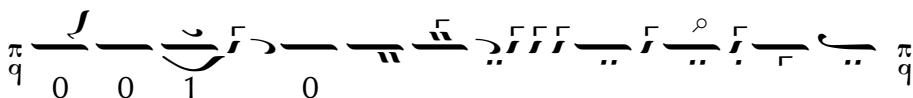
0100  π _q 0 1 0 0 π _q

00100  π _q 0 0 1 0 0 π _q

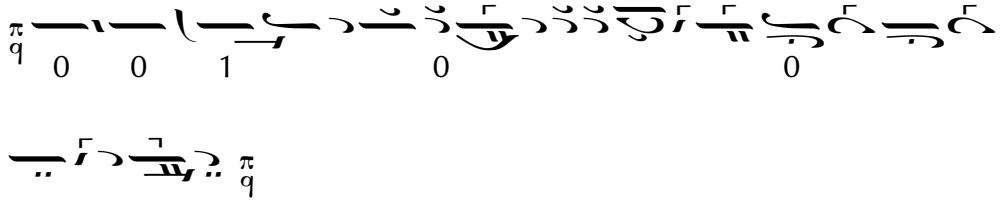
00100  π _q 0 0 1 0 0 π _q

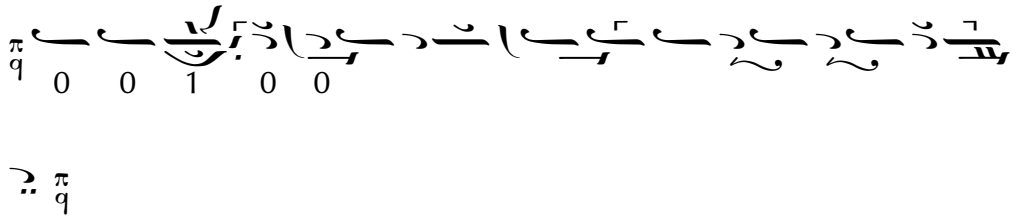
00100  π _q 0 0 1 0 0 π _q

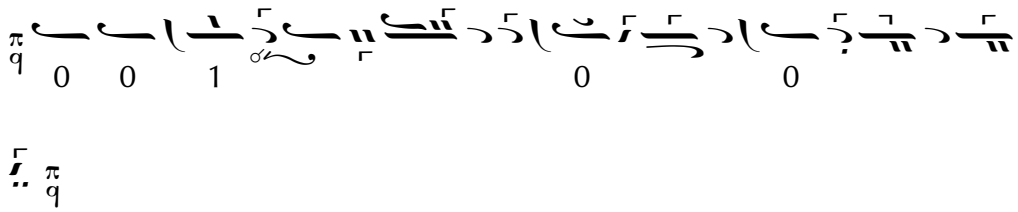
00100  π _q 0 0 1 0 0 π _q

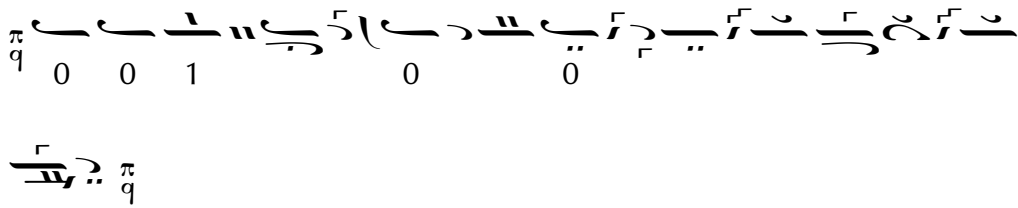
00100  π _q 0 0 1 0 π _q

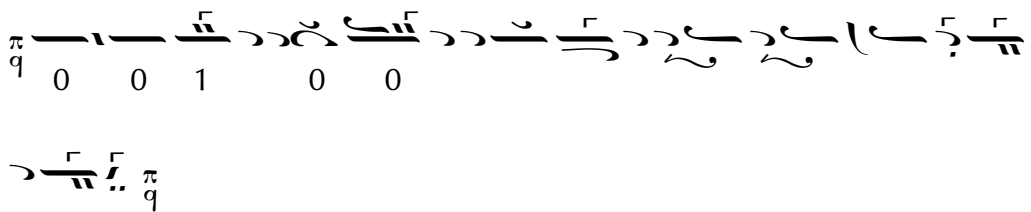
First Mode - Papadic

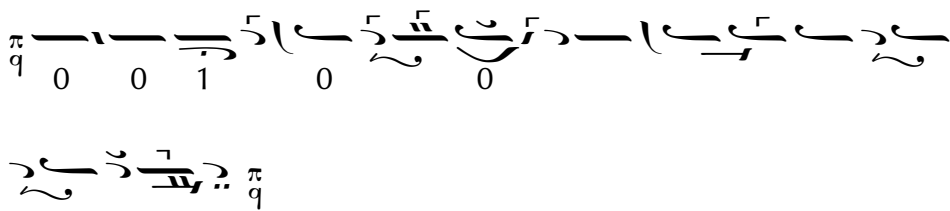
00100 π_q 

00100 π_q 

00100 π_q 

00100 π_q 

00100 π_q 

00100 π_q 

First Mode - Papadic

00100 π_q π_q

The first line of notation for 00100 consists of a sequence of notes and rests. The first three notes are marked with '0', the fourth with '1', and the fifth with '0'. The notation includes various rhythmic values and melodic intervals characteristic of the First Mode.

00100 π_q π_q

The second line of notation for 00100 continues the sequence from the first line. It features similar rhythmic and melodic patterns, with notes and rests corresponding to the binary sequence 00100.

00100 π_q π_q

The third line of notation for 00100 shows a variation in the melodic line. Some notes and rests are highlighted in red, possibly indicating a specific rhythmic or melodic emphasis.

00100 π_q π_q

The fourth line of notation for 00100 presents another variation of the melodic sequence, maintaining the binary structure 00100.

(These formulae are preceded by a formula in section M or N)

00100 π_q π_q

The fifth line of notation for 00100 includes a final variation of the melodic sequence. It features a mix of notes and rests, with some elements highlighted in red.

First Mode - Papadic

00100 π_q 0 0 1 0 0 0 1 0 π_q

0 π_q

00100 π_q 0 0 1 0 0 0 1 0 π_q

+ 0 0 1 0 0 π_q

π_q

π_q

010X Δ 0 1 X X π_q

First Mode - Papadic

Ke - Pa

00100 $\overset{\pi}{q}$ $\overbrace{0 \quad 0 \quad 1}$ $\rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow$ $\overset{\pi}{q}$ $\overbrace{0 \quad 0}$ $\rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow$ $\overset{\pi}{q}$

00100 $\overset{\pi}{q}$ $\overbrace{0 \quad 0 \quad 1}$ $\rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow$ $\overset{\pi}{q}$ $\overbrace{0 \quad 0}$ $\rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow \rightsquigarrow$ $\overset{\pi}{q}$