

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: Working Group Document

Title: Second revised proposal to add characters used in Lithuanian dialectology to the UCS

Source: Vilnius University: Faculty of Mathematics and Informatics, in cooperation with the Faculty of Philology of VU and the Institute of Lithuanian Language

Authors: Vladas Tumasonis; Karl Pentzlin

Status: Expert Contribution

Action: For consideration by JTC1/SC2/WG2 and UTC

Date: 2011-05-24

Supersedes: WG2 N3914 = L2/10-357; L2/11-135

Changes compared with L2/10-357:

- The "baseline modifier letters" were dropped (as unification with subscript letters is considered acceptable).
- An explanation why the proposed "vertical lines" are in fact "vertical" was added.
- More examples to show the contrastive use of the proposed "n with inwards hook" and the already encoded "eng" are added as fig. 1930a-65 and 1930a-88.

Changes compared with L2/11-135 (the document where the decisions of UTC #127 documented in WG2 N4062 = L2/11-191 were based upon):

- The decisions of UCT #127 as documented in WG2 N4062 = L2/11-191, as concerning character names, code points, and character properties, are worked in.
- As the unifications requested in that document for the two proposed letters with inwards hook are not applicable (see below at the header "2. Encoding considerations; 2.1 The letters"), these are retained, with code points changed in line with the letters accepted in that document.
- Regarding the intonation marks, while following that document regarding the name scheme and the placement of these into the "Miscellaneous Symbols and Arrows" block, we propose an improvement (see below at the header "2. Encoding considerations; 2.2 The intonation marks").

1. Introduction

It has always been the standard practice in the study of Lithuanian dialects to write the dialect texts in detailed phonetic transcription. The phonetic alphabet used to transcribe Lithuanian dialects, based on the so-called Copenhagen Scheme of Phonetic Transcription and Transliteration of 1925, an erstwhile rival to the IPA – see

http://books.google.com/books?ei=L0GXTLiMOIPL0MXaxIqJ&ct=result&hl=lt&id=R8IsAAAAMAAJ&dq=Phonetic+transcription+and+transliteration&q=association+internationale+#search_anchor

– was adopted for the study of Lithuanian dialects by Jurgis Gerulis (also known by the German form of his name as Georg Gerullis, 1888–1945) in 1930 (see References), and finally elaborated by the leading specialist in Lithuanian dialects, Aleksas Girdenis (b. 1937). The

Lithuanian Phonetic Transcription is in many ways similar to the International Phonetic Alphabet, and shares some characters with this; but it also has significant differences. Some Lithuanian scholars have proposed switching to the pure IPA system, but it seems that it might be too late: over time, too many linguistic works have been produced using the traditional system, so that the transition would be too difficult to be practical. As it is, nowadays we refer to the Lithuanian Phonetic Transcription System (or Lithuanian Phonetic Alphabet), which is the standard means of recording Lithuanian dialects on paper for all linguistic purposes. There are still a number of characters from the Lithuanian Phonetic Transcription which have not yet been covered by the Unicode Standard. The present application is to submit these characters for the inclusion into the Unicode set.

2. Encoding Considerations

2.1 The letters

There are 4 meanings each for 'm' and 'n' in the Lithuanian dialectology system (see also [2011a]):

Primary articulation	Secondary articulation	
	Non-palatalised ('hard')	Palatalised ('soft')
bilabial <i>m</i>	m, as in [ramùs], standard orthography <i>ramus</i> ('calm')	m̐, as in [ram̐ùs], standard orthography <i>ramius</i> ('calm', accusative plural)
labiodental <i>m</i> (<i>m</i> before <i>v</i> , <i>f</i>)	m̑ , as in [ž m̑ valdī's], standard orthography <i>žemvaldys</i> ('landowner')	m̑̐, as in [ž m̑̐ vežė], standard orthography <i>žemvežė</i> ('dumper truck')
dental <i>n</i>	n, as in [gandaī], standard orthography <i>gandai</i> ('rumours')	ɲ, as in [ɲu:rùs], standard orthography <i>niūrus</i> ('gloomy')
velar <i>n</i> (<i>n</i> before <i>g</i> , <i>k</i>)	ɳ , as in [bra ɳ gùs], standard orthography <i>brangus</i> ('dear')	ɲ, as in [braɲçùs], standard orthography <i>brangius</i> ('dear', accusative plural)

m – U+006D LATIN SMALL LETTER M;

m̐ – U+1D86 LATIN SMALL LETTER M WITH PALATAL HOOK;

m̑ – proposed U+A796 LATIN SMALL LETTER M WITH INWARDS HOOK;

m̑̐ – U+0271 LATIN SMALL LETTER M WITH HOOK;

n – U+006E LATIN SMALL LETTER N;

ɲ – U+1D87 LATIN SMALL LETTER N WITH PALATAL HOOK;

ɳ – proposed U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK;

ɳ̐ – U+014B LATIN SMALL LETTER ENG.

In previous versions of this proposal, we only emphasized the fact that the proposed letter U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK is used in contrast to U+014B LATIN LETTER SMALL ENG (see fig. 1930a-XIXa), and therefore cannot be unified with this.

Thus, UTC #127 regrettably had incomplete information about the Lithuanian dialectology system, which allowed them in the document WG2 N4062 = L2/11-191 to request to unify the proposed U+A796 with U+1D86, and the proposed U+A797 with U+014B or U+1D87.

However, as the table above now added to this revision of our proposals together with the reference [2011a] show, those characters have contrastive use and therefore cannot be unified.

Thus, we retain them in this revision of our proposal.

Regarding the form of the letters “with inwards hook”, with the selection of the representative glyphs, we follow modern typography (see fig. 2001a-344b), showing a dot-like termination. Older typography may show a tight curl ending in a smaller dot (see fig. 1930a-XIXb). In no case, the glyphs show a distinctive closed loop.

2.2 The intonation marks

The ten intonation marks, proposed within U+2B4E...2B61, comprise a set where the designs of the elements are correlative to each other and subject to a common design principle. The angle deviation from the vertical is less than 30° (i.e., the inclination is larger than 60°).

(As it is to be expected for phonetics, all text specimens are found typeset in italics. However, the intonation marks are slanted by design, retaining the symmetry of the angle of the upward and downward marks independent of the appliance of italics.)

A unification of the proposed

/ U+2B60 SLANTED NORTH ARROW

\ U+2B61 BACKSLANTED SOUTH ARROW

with the existing

↗ U+2197 NORTH EAST ARROW

↘ U+2198 SOUTH EAST ARROW

would impose no real problems if these two characters were the only ones used as intonation marks.

However, the intonation marks all have a "stem" which has to be inclined by the same amount against the vertical axis (six of the ten characters clockwise, for anticlockwise).

Thus, an unification as above (as recommended by UTC #127 in WG2 N4062 = L2/11-191) would fix this inclination angle to 45°, by the nature of NORTH EAST and SOUTH EAST.

If, consequently, the proposed U+2B4E would be named SHORT NORTH EAST ARROW, this would suggest a representative glyph also inclined 45°, to accord to the name and to the representative glyph of U+2197 NORTH EAST ARROW.

Thus, U+2B4E would get a representative glyph which is neither seen in Lithuanian dialectology, nor elsewhere (at least until now, there is no proposal for a SHORT NORTH EAST ARROW based on other evidence).

Moreover, there is the proposed U+2B5E, requested in N4062 to be named BENT ARROW POINTING DOWNWARDS THEN NORTH EAST. This name (besides the fact that the character has no curvature, thus BENT seems insuitable) is correct as the arrowhead part attaches to its lower end in fact directs NORTH EAST. Obviously, the inclination of the arrowhead part must have another inclination angle than the "stem". But if the other characters were named based on "NORTH EAST", this had to be applied to the stem rather than the arrowhead part. Thus, the name as requested in N4062 would suggest a character whose stem cannot be inclined the same amount as the other characters of the intonation mark set.

Thus, the names proposed in N4062 seem inconsistent and misleading to any font designer who is not especially aware of the design of the intonation mark set.

Therefore, we exchanged the terms "NORTH EAST" and "SOUTH EAST" in the names requested in N4062 by the terms "SLANTED NORTH" and "BACKSLANTED SOUTH" in the otherwise accepted N4062 names.

(We could also have selected the terms "NORTH NORTH EAST" / "SOUTH SOUTH EAST" [indicating a fixed 22.5° angle] or "ONE OCLOCK DIRECTED" / "FIVE OCLOCK DIRECTED" [indicating a fixed 30° angle], but we have preferred terms which neither suggest a fixed angle nor suggest the encoding of more arrows to get the full set with the according angle steps.)

The term "SLANTED" also seems appropriate to replace the term "BENT" for the proposed U+2B5B/U+2B5C, which show in fact no curvature.

Thus, the term "SLANTED"/"BACKSLANTED" is used consequently as name part for the whole set of intonation marks, emphasizing their belonging to a specific set.

In consequence, we retain the full-sized arrows proposed as U+2B60/U+2B61, instead of unifying them with the NORTH/SOUTH EAST ARROWS.

The price of having two more encoded characters to get a consistently named set with consistent representative glyphs which correspond to the character names, instead of causing eight newly encoded characters to have misleading names and representative glyphs which either do not conform to the names or have an appearance which is found nowhere in actual use, seems appropriate.

2.3 The vertical lines

The proposed U+2E3D VERTICAL SIX DOTS and U+2E3E WIGGLY VERTICAL LINE comprise a set together with U+007C VERTICAL LINE and U+2016 DOUBLE VERTICAL LINE, to indicate several kinds of speech pauses between words.

(The naming VERTICAL SIX DOTS for U+2E3D was requested such by UTC #127; the previous revisions of this proposal named this character DOTTED VERTICAL LINE.)

To achieve a consistent view in high-level typography for works on Lithuanian dialectology, the design of these four symbols must be correlated. This usually cannot be achieved by using some superficially similar mathematical symbols, as these are intended for other typographical context. Thus, the two missing characters are proposed here as new characters.

As usual for vertical lines, they follow the slant angle of the font, and while they are slanted when they occur in italics as it is usual for phonetic text, they have vertical representative glyphs.

Referring to the glyphs in italic fonts alone (as the use of such fonts is prevalent in phonetic text), these characters could have been proposed as DOTTED SOLIDUS and WIGGLY SOLIDUS as well.

However, the slant angle in all specimens follows that of the vertical strokes of the Latin letters. Moreover, fig. 2004a-184 (one of the rare examples showing phonetic text in a non-italic font) in fact shows true vertical lines (albeit only the already encoded ones of the set). Thus, the proposal follows this for the newly proposed vertical lines used in Lithuanian dialectology.

3. Proposed Characters

Block: Latin Extended-D

Additions for Lithuanian dialectology

ċ	U+A794	LATIN SMALL LETTER C WITH PALATAL HOOK (see fig. 1930a-XVIII, 1930a-6, 2001a-344a)
ħ	U+A795	LATIN SMALL LETTER H WITH PALATAL HOOK → A727 latin small letter heng (see fig. 2001a-344a)
ṃ	U+A796	LATIN SMALL LETTER M WITH INWARDS HOOK (see fig. 2001a-344a/b, 2008a-306)
ṇ	U+A797	LATIN SMALL LETTER N WITH INWARDS HOOK (see fig. 1930a-XIXa/b [with explanation], 1930a-26b, 2001a-344a/b)

Block: Cyrillic Extended-B

Additions for Lithuanian dialectology

Ҁ	U+A69C	MODIFIER LETTER CYRILLIC HARD SIGN ≈ <super> 044A (see fig. 2001a-342 [with explanation], 2001a-344, 2004a-184)
ҁ	U+A69D	MODIFIER LETTER CYRILLIC SOFT SIGN ≈ <super> 044C (see fig. 2001a-341 [with explanation], 2004a-184)

Block: Supplemental punctuation

Additions for Lithuanian dialectology

⋮	U+2E3D	VERTICAL SIX DOTS = dotted vertical line · harmonizes in height with U+007C VERTICAL LINE → 205E vertical four dots → 250A box drawings light quadruple dash vertical → 2999 dotted fence (see fig. 2001-348 ff., see also fig. 2004a-184)
Ɔ	U+2E3E	WIGGLY VERTICAL LINE → 2307 wavy line → 299A vertical zigzag line (see fig. 2001-348 ff., see also fig. 2004a-184)

Block: Miscellaneous Symbols and Arrows

Intonation marks for Lithuanian dialectology

- ↑ U+2B4E SHORT SLANTED NORTH ARROW
= slight rise in tone
(see fig. 2001a-347)
(N3914: U+AB94 MODIFIER LETTER SMALL MIDDLE SLANTED UP ARROW)
(N4062: U+2B4E SHORT NORTH EAST ARROW)
- ↘ U+2B4F SHORT BACKSLANTED SOUTH ARROW
= slight fall in tone (when at the end of a word)
= overall fall in tone (when at the beginning of a phrase)
(see fig. 2001a-347)
(N3914: U+AB95 MODIFIER LETTER SMALL MIDDLE SLANTED DOWN ARROW)
(N4062: U+2B4F SHORT SOUTH EAST ARROW)
- ↗ U+2B5A SLANTED NORTH ARROW WITH HOOKED HEAD
= increasing tone with falling trend at the end
(see fig. 2001a-347)
(N3914: U+AB92 MODIFIER LETTER SLANTED UP ARROW
ENDING IN BEND)
(N4062: U+2B5A NORTH EAST ARROW WITH HOOKED HEAD)
- ↘ U+2B5B BACKSLANTED SOUTH ARROW WITH HOOKED TAIL
= sharp rise and fall in tone
(see fig. 2001a-347)
(N3914: U+AB93 MODIFIER LETTER SLANTED DOWN ARROW
STARTING WITH BEND)
(N4062: U+2B5B SOUTH EAST ARROW WITH HOOKED TAIL)
- ↗ U+2B5C SLANTED NORTH ARROW WITH HORIZONTAL TAIL
= continued rise in tone
(see fig. 2001a-347)
(N3914: U+AB96 MODIFIER LETTER SLANTED UP ARROW
STARTING WITH HORIZONTAL LINE)
(N4062: U+2B5C NORTH EAST ARROW WITH HORIZONTAL TAIL)
- ↘ U+2B5D BACKSLANTED SOUTH ARROW WITH HORIZONTAL TAIL
= continued fall in tone
(see fig. 2001a-347)
(N3914: U+AB97 MODIFIER LETTER SLANTED DOWN ARROW
STARTING WITH HORIZONTAL LINE)
(N4062: U+2B5D SOUTH EAST ARROW WITH HORIZONTAL TAIL)

- ↳ U+2B5E SLANTED ARROW POINTING DOWNWARDS THEN NORTH EAST
 = sharp fall in tone with rising trend at the end
(see fig. 2001a-347)
 (N3914: U+AB98 MODIFIER LETTER SLANTED LINE WITH NORTH EAST ARROW FROM THE LOWER END)
 (N4062: U+2B5E BENT ARROW POINTING DOWNWARDS THEN NORTH EAST)
- ↳ U+2B5F SHORT SLANTED ARROW POINTING DOWNWARDS THEN NORTH EAST
 = slight fall in tone with rising trend at the end
(see fig. 2001a-347)
 (N3914: U+AB99 MODIFIER LETTER SHORT SLANTED LINE WITH NORTH EAST ARROW FROM THE LOWER END)
 (N4062: U+2B5F SHORT BENT ARROW POINTING DOWNWARDS THEN NORTH EAST)
- / U+2B60 SLANTED NORTH ARROW
 = sharp rise in tone
(see fig. 2001a-347)
 (N3914: U+AB90 MODIFIER LETTER SLANTED UP ARROW)
 (N4062: to be unified with U+2197 NORTH EAST ARROW)
- \ U+2B61 BACKSLANTED SOUTH ARROW
 = sharp fall in tone
(see fig. 2001a-347)
 (N3914: U+AB91 MODIFIER LETTER SLANTED DOWN ARROW)
 (N4062: to be unified with U+2198 SOUTH EAST ARROW)

Properties:

2B4E;SHORT SLANTED NORTH ARROW;So;0;ON;;;;;N;;;;;
2B4F;SHORT BACKSLANTED SOUTH ARROW;So;0;ON;;;;;N;;;;;
2B5A;SLANTED NORTH ARROW WITH HOOKED HEAD;So;0;ON;;;;;N;;;;;
2B5B;BACKSLANTED SOUTH ARROW WITH HOOKED TAIL;So;0;ON;;;;;N;;;;;
2B5C;SLANTED NORTH ARROW WITH HORIZONTAL TAIL;So;0;ON;;;;;N;;;;;
2B5D;BACKSLANTED SOUTH ARROW WITH HORIZONTAL TAIL;So;0;ON;;;;;N;;;;;
2B5E;SLANTED ARROW POINTING DOWNWARDS THEN NORTH EAST;So;0;ON;;;;;N;;;;;
2B5F;SHORT SLANTED ARROW POINTING DOWNWARDS THEN NORTH EAST;So;0;ON;;;;;N;;;;;
2B60;SLANTED NORTH ARROW;So;0;ON;;;;;N;;;;;
2B61;BACKSLANTED SOUTH ARROW;So;0;ON;;;;;N;;;;;
2E3D;VERTICAL SIX DOTS;Po;0;ON;;;;;N;;;;;
2E3E;WIGGLY VERTICAL LINE;Po;0;ON;;;;;N;;;;;
A69C;MODIFIER LETTER CYRILLIC HARD SIGN;Lm;0;L;<super> 044A;;;;;N;;;;;
A69D;MODIFIER LETTER CYRILLIC SOFT SIGN;Lm;0;L;<super> 044C;;;;;N;;;;;
A794;LATIN SMALL LETTER C WITH PALATAL HOOK;Ll;0;L;;;;;N;;;;;
A795;LATIN SMALL LETTER H WITH PALATAL HOOK;Ll;0;L;;;;;N;;;;;
A796;LATIN SMALL LETTER M WITH INWARDS HOOK;Ll;0;L;;;;;N;;;;;
A797;LATIN SMALL LETTER N WITH INWARDS HOOK;Ll;0;L;;;;;N;;;;;

Linebreaking properties of punctuation marks:

The proposed punctuation marks are vertical lines by nature, and therefore behave in any linebreaking and related processing like U+2016 DOUBLE VERTICAL LINE.

Notes on confusables:

The letter U+A796 LATIN SMALL LETTER M WITH INWARDS HOOK is similar to U+006D LATIN SMALL LETTER M.

Likewise, the letter U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK is similar to U+006E LATIN SMALL LETTER N.

The intonation marks, as symbols, are not intended to be allowed in IDNs or identifiers.

4. Acknowledgements

Special thanks for Michael Everson for providing a font containing all the characters proposed in this document.

5. References

- [1930a] Gerullis, Georg: Litauische Dialektstudien. Leipzig 1930.
- [2001a] Girdenis, Aleksas: Kalbotyros darbai (Studies in linguistics): straipsniai, studijos, esė, recenzijos. T. 3: 1988–2000. Vilnius, Mokslo ir enciklopedijų leidybos inst., 2001. ISBN 5-420-01480-7.
- [2004a] Fragmentas nuskaitytas iš: Lietuvių kalbos tarmių chrestomatija, 2004.
- [2006a] Kačiušienė G. Šiaurės panevėžiškių tarmės fonologijos bruožai. Vilniaus universiteto leidykla, 2006.
- [2008a] Girdenis A. Žemaičių dzūkai: Tekstai su komentarais. Mokslo ir enciklopedijų leidybos institutas, 2008.
- [2011a] Skirmantas, Petras (Faculty of Philology, University of Vilnius), et al.: Notation of Articulatory Varieties of m and n in Lithuanian Phonetic Transcription System. Retrieved 2011-05-22 from: <http://www.mif.vu.lt/~vladas/mnTranscription.pdf>

6. Examples and Figures

The figures are numbered by the referenced work (consisting of the year of edition and the letter, as in the "references" list, followed by a hyphen the page number, and following by a second letter if more than one figure is taken from a page.
E.g.: "Fig. 2001a-344" means "See ref. [2001a], p.344").

Fig. 1930a-XVIII: *Showing specimens for U+A794 LATIN SMALL LETTER C WITH PALATAL HOOK.*

[g] = stark stimmhaftes, unaspiriertes g, gemeinlit.: schriftlit.
gá·udo· = gáudo .

[ç] = palatales, stimmhaftes g, gemeinlit.: *çí·bus = gývus .*

Partial translation from German:

[g] = strongly voiced, unaspirated g, ...

[ç] = palatal voiced g, ...

Fig. 1930a-XIXa: Showing specimens for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK in an use contrastive to the already encoded U+014B LATIN SMALL LETTER ENG.

- [n] = dentales, stark stimmhaftes n, gemeinlit.: schriftlit. nuõ.
 [ŋ] = palatales n, gemeinlit.: schriftlit. suñ.ķei = suñkiai.
 [ɲ] = velares n, gemeinlit.: schriftlit. meñ.ko = meñko.
 [ɳ] = silbisches n, sehr selten: R 5 tɔukúosɳ < laukúosna.

Annotated translation from German:

- [n] = dental, strongly voiced n, as in literary Lithuanian nuõ.
 Dantinis, stipriai skardus n, kaip bendrinės lietuvių kalbos žodyje nuõ.
 [ŋ] = palatal n, as in literary Lithuanian [phonetically transcribed] suñ.ķei = [standard orthography] suñkiai.
 Palatalinis (minkštas gomurinis) n, kaip bendrinės lietuvių kalbos žodyje suñ ķei = suñkiai.
 [ɲ] = velar n, as in literary Lithuanian [phonetically transcribed] meñ.ko = [in the standard orthography] meñko.
 Veliarinis (kietas gomurinis) n, kaip bendrinės lietuvių kalbos žodyje meñ.ko = meñko.
 [ɳ] = syllabic n, very rare, as in the dialect [conventionally marked R5 in the Gerullis' book] tɔukúosɳ, corresponding to the standard Lithuanian laukúosna.
 Skiemėninis n, labai retas, kaip tarmės, Gerulio knygoje sutartinai žymimos R5, žodyje tɔukúosɳ < laukúosna.

Fig. 1930a-XIXb: Enlarged part of 1930a-XIXa, to show the exact shape of (the italic form of) U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK.

[ɲ]

Fig. 1930a-6: Showing specimens for U+A794 LATIN SMALL LETTER C WITH PALATAL HOOK (red).

<p>Zuikis ir ežys. Dailūs, gražūs zuikėlis sāko ežiu: – Kokiē, broliukai, tāvo rūbai dīgūs ir negražūs. – Tiesà, – atsākė ežys, – bēt māno ādatos *āpgina manē nuo šuniēs ir vilko dantų. Aŗ tām tāvo gražūs kailėlis? Zuikėlis niēko nebeatsākė, tik suñkiai atsidūso.</p>	<p>zuikis ir ežis daitūs gražūs zuikėlis sāko eži kóķi broliukai tāvo rūbai diģus ir. negrāžu tiesà atsāķe eži s bēt māno ādato s āpgina manē nuõ šu niēs ir. fiļko dantų aŗ. tá m tāvo gražūs kailėlis zuikėlis niēko nebeatsāķe tik suñķei atsidūso</p>
---	---

Fig. 1930a-26a: Compare with fig. 2001a-349 which shows the same text.

tuř.gui meřgā·ta atsīlī.ka nū mō·tinās
ņi (auch ɲiņ) tā·ksta ɲeskó·dama sàβa mamī·tes
žmó·ņis klá·uś
kó·k^e bā.βa tàβa mā·ma
meřgī·te veřgdam,à sā·ka
ař ɲū·s ņeži.ņoi māna mā·ma aβdri.sk"s tarbā·lōm apsīkabi·-
nus àle ūž ņīsas ģeřā·sņe

Fig. 1930a-26b: Showing a specimen for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK.

kuř feiši·be
tupe·dams pūkštā·lis mā·di pamā·te aņt žā·ņes grudā·li iř
ņišlije sá·u
iņ.śū iř sulėśū
atsī.tupe pūkštā·lis při grū·da iř paklū.βa i. spá·stus
kuód.ėl àś tūr,ù (auch tūrù) pražú·i grūū.džei sučipsė·je
pūkštā·lis vānag,ai gá·uda ģi·bus pūkštėlis iř tai ģiem ņiėkai
ó. àś tūrù del viena meņ.ka grudā·le pražú·i

Fig. 1930a-65: Showing a specimen for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK (red) in an use contrastive to the already encoded U+014B LATIN SMALL LETTER ENG (green).

mas. Tuókart iš grābo atsi- prā·ta kī.tes ɲuóks eř pati·tōm
stójes vȳras iř priė visū išbegė- šnėbždė·ɲōms tuók,ař·t eř grā·ba
dīņes sàvo tiņgīņe žmōņą. Ař atsestó·ɲeś bí·rs eř přiė βōsu
ɲi pasitaisiusi, ař nė, aś neži- ežbecė·deņeś sā·βa teņ·ġeņe
naū. Tik māt, kaip pasáuly žmō·no ař ɲi· pasėtai·ś·ś ař
atsitiņka. ņe àś ņežžōno tōk māt kaip
Elžbietà Būtėnienė. pasá·ul⁽ⁱ⁾ atseiš·k
alžbiet' bōlė·neņe

Fig. 1930a-88: Another specimen for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK (red) in an use contrastive to the already encoded U+014B LATIN SMALL LETTER ENG (green).

beži.mu. βisó·kū. βalġi.mū iř
kītū· raikaliġė.śnū. daiktū·
iškelā.βi.s bepažúodamas paš-
tiņ·ku.s ū.bagu. ū.bagas pa-
mā.ņi.s išikī.śusū. iš beži.mā.
pladė.тн. dúonā.s pradė·ɲi.s
praši·i kād iř ɲā·m pīmestū·

Fig. 2001a-341: Showing specimens for U+A69D MODIFIER LETTER CYRILLIC SOFT SIGN, some enclosed in the (already encoded) superscript parentheses U+207C/U+207D.

ɸ = labai redukuotas bespalvis priešakinis balsis; vartotinas tik tada, kai tikslesnės balsio spalvos neįmanoma nustatyti. Pvz.: š. pan. àk^(b)š ~ akis, žal^(b)š ~ žaliùs, -iàs;

Translation from Lithuanian:

ɸ = substantially weakened colourless front vowel; this character is to be used only when more precise vowel colouring is impossible to determine. For example, as in North Panevėžys dialect àk^(b)š = literary Lithuanian *akis*, etc.

Fig. 2001a-342: Showing specimens for U+A69C MODIFIER LETTER CYRILLIC HARD SIGN (green), some enclosed in the superscript parentheses U+207C/U+207D.

ɸ = labai redukuotas bespalvis užpakalinis balsis; vartotinas tik tada, kai tikslesnės balsio spalvos neįmanoma nustatyti. Pvz.: š. pan. ràg^(b)š ~ ragùs, vxĩk^(b)š ~ vaikas, vxĩk^(b)š ~ vaikùs.

Translation from Lithuanian:

ɸ = substantially weakened colourless back vowel; this character is to be used only when more precise vowel colouring is impossible to determine. For example, as in North Panevėžys dialect ràg^(b)š = literary Lithuanian *ragùs*, etc.

Fig. 2001a-343: Showing specimens for U+A69C MODIFIER LETTER CYRILLIC HARD SIGN (red) and U+A69D MODIFIER LETTER CYRILLIC SOFT SIGN (green).

§ 6. Redukcija

Maža kiekybinė balsio redukcija žymima pakeltu mažesnio šrifto rašmeniu: ^a, ⁱ, ^u. Pvz.: š. žem. šâ·rk^as ~ šárkos, á·vĩs ~ ávys, vĩ·r^u ~ výrų. Kai redukcija itin ryški (balsis nesudaro skiemens ir pan.) balsio rašmuo dar ir suskliaučiamas: ^(a), ⁽ⁱ⁾, ^(u). Pvz.: š. žem. an^a·pá·mėt^(e) vã·k^(a) on·tã·k^(a) ~ ana („ji“) pãmetė vaiką an(t) tãko.

Redukcija, iš esmės keičianti balsio kokybę, žymima minėtais specialiais rašmenimis: α ∂ ι ɸ υ ɸ. Reikalui esant, jie gali būti pakeliami bei sumažinami (^α, [∂], ^ι, ^ɸ, ^υ, ^ɸ) ir suskliaučiami (^(α), ^(∂), ^(ι), ^(ɸ), ^(υ), ^(ɸ)). Pvz.: š. pan. àk^(b)š ~ akis, ràg^(b)š ~ ragùs, vĩšš^(b) ~ vištà.

Fig. 2001a-344a: Showing specimens for:

U+A794 LATIN SMALL LETTER C WITH PALATAL HOOK (red),
U+A795 LATIN SMALL LETTER H WITH PALATAL HOOK (green),
U+A796 LATIN SMALL LETTER M WITH INSIDE HOOK (blue),
U+A797 LATIN SMALL LETTER N WITH INSIDE HOOK (purple),
U+A69C MODIFIER LETTER CYRILLIC HARD SIGN (orange).

§ 7. Priebalsių ženklai

p b β φ m w – abilūpiai. Pvz., bk βó·r̄xs || vó·r̄xs ~ vóras, φùr̄īje || furi-
je ~ fūrija. Tariant β tarp lūpų būna plokščias plyšys, tariant w – apskritas.

f v m p b – lūpų dantiniai. Pvz.: bk ñimfa ~ ñimfa, apvadzī. ~ apva-
daĩ, p̄fēniḡas ~ pfēnigas. Ženklu *v* dabar įprasta žymėti atitinkamą bk ir
tarmių garsą, nors dažniausiai jis yra abilūpis, – vadinasi, turėtų būti ra-
šomas β arba w.

j j t d k ģ ğ l r ŋ η x h̄ – palataliniai. Pvz.: bk k̄eŋk̄ė̄jes ~ kenkėjas,
jūŋḡē ~ br̄oŋx̄it̄as, kretingiškių j̄a.ūȳ ~ jáučių¹². Pokario metais vietoj *k ģ*
ŋ ir kt. įprasta rašyti *k̄ ģ̄ ŋ̄*, beveik nebevartojami *j t d*.

ž š č ž – retrofleksiniai („šlekiuojamieji“); tariami kiek atlenktu atgal
liežuvio galu. Pvz., senųjų žagariečių š̄ēš̄ū̄ žō̄žū̄. ~ šešių žōdžių, š̄ēnū̄ks̄ ~
senūkas (girdėti lyg tarpiniai garsai tarp *š / s, ž / z, ž̄ / ž̄*)¹³.

l̄ m̄ n̄ r̄ – skiemeniniai. Pavartojami tik fakultatyviai, – pvz., š. pan.
akl̄s̄ || ak̄t̄s̄ (kai kur ak̄t̄s̄) ~ aklūs.

t d s z c ʒ n l – liežuvio priešakiniai dantiniai. Pvz.: bk žū̄k̄xs̄ ~ dzūkas,
ž̄ingul̄ū̄k̄ai ~ dzinguliukai. Vietoj *ʒ ž̄* dažniausiai rašomi digrafai *dz dž*, nors
jie ir nesiderina su *c ĉ*.

t d š ž č ž̄ l r ŋ – liežuvio priešakiniai alveoliniai. Pvz.: tr̄ak̄t̄i ~ trakti,
d̄r̄īp̄sō ~ dr̄ȳbso, ž̄á̄nr̄as̄ ~ žánras, ž̄á̄r̄ž̄ḡina ~ džáržgina, ž̄ú̄ḡāuje ~ džiū-
gauja. Vietoj *ž ž̄* labai dažnai rašomi digrafai *dž dž̄*, nesideriną su *č ĉ*.

s z c r – retrofleksiniai. Pasitaiko tik kaip variantai ir todėl žymėtini
tiktaip epizodiškai, – pvz.: bk š̄r̄ūtōs̄ ~ srūtos, p̄ū̄z̄ras̄ ~ pūzras.

ŋ g k γ (h) x – liežuvio užpakaliniai. Pvz., bk tánḡas̄ ~ langas. Vietoj *γ*
dabar įprasta rašyti *h*, nors iš tikrųjų tai ne liežuvio užpakalinio, o gérkli-
nio priebalsio ženklas. Įsidėmėtina, kad *x* nieku būdu negalima keisti di-
grafu *ch*, nors kartais taip ir daroma.

Partial translation from Lithuanian, augmented by an example for *h̄*:

f v m p b, labial-dental consonants. For example, as in literary Lithuanian [phonetically transcribed] ñimfa = [standard orthography] ñimfa, etc.

... *ģ* ... *h̄*, palatal consonants. For example, as in literary Lithuanian [phonetically transcribed] jūŋḡē = [standard orthography] jūngė, h̄j̄m̄nas = ĥimnas.

ŋ g k γ (h) x, dorsal consonants. For example, as in literary Lithuanian tánḡas̄ = [standard orthography] langas.

Fig. 2001a-344b: Showing enlarged parts of fig. 2001a-344a, to show the exact shape of (the italic forms of) the letters U+A796 LATIN SMALL LETTER M WITH INWARDS HOOK and U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK.



Fig. 2001a-347: Showing specimens for the intonation marks (within U+2B4E ... U+2B61). In U+2B4F SHORT BACKSLANTED SOUTH ARROW (red), two applications are unified into one character. U+A71D MODIFIER LETTER RAISED EXCLAMATION MARK (green) is already encoded as Africanist tone mark.

§ 11. Intonacijos ir teksto sintagminės skaidos ženklai

Žymėtini tik tie svarbiausi sakinio intonacijos bruožai, kurie sutelkti centriniuose sintagmos ir frazės žodžiuose. Ženkliai (jeigu specialiai nenurodyta) kitaip, žymimi po tų žodžių.

∩ ∩ – ryškus tono kilimas (antikadencija), kritimas (kadencija), kilimas–kritimas (akcentuota kadencija). Pvz.: bk *pàpu·îę· žvarbùš vė·jes! / î·ē·mē· krīšti bá.tto·(s) snā.çę·s* // ~ Pàpūtė žvarbùš vėjas, ir ėmė krīsti báltos snaigės, *na·ir·grāžùmāz\ çi tu·mē·rçinu!* ~ Na, ir grāžumas gi tų merginų!

∩ – nežymus tono kilimas ar kritimas. Pvz.: š. žem. *tas_õ·nî^(e) / mō.n^a brūo^ls / dēdēlē· mī.līē^(e) tōn·mē·rçā.tk^(a) / uoñē.î* // ~ Tas Añtė („Antanas“), mūno („mano“) brólis, dīdeliai („labai“) mylėjo tą mergėlką Onėlę. Dažniausiai šie ženklai rodo ir greitėlesnį tarimo tempą.

J ∩ – tęsiamas tono kilimas ar kritimas. Pvz.: š. žem. *îei·vā.kā· krūok / çī·pJ / mūoñi.n^(a) eš·prūo^a / krā·u.stūos* // ~ Tie vaikai kriōka („verkia“) cypa („cypia“), mótyna iš prōto krāustos!

∩ – tono kilimas su kritimo tendencija intonuojamo segmento pabaigoje. Pvz.: š. žem. *pās(k^a) / kad_ųns·mē·rç / îik,tā·přij_anūo / tarā.d^a* // ~ Pās-ku („paskui“), kad anas mīrė, tiktaĩ pri anō („pas jį“) terādo. (Baigiant sakyti *mīrė* susvyruota, ar aiškinti toliau situaciją, ar ne.)

∩∩ – ryškus ir atitinkamai nežymus tono kritimas su kilimo tendencija segmento pabaigoje. Pvz.: bk *tu·vīška·L jāu_pābziçei?* ~ Tu vīšką jau pābaigėi? (Ramus klausimas; emociškai klausiant ar perklausiant būtų *tu·vīška·j jāu_pābziçei?*).

∩ – staigus bendras sintagmos tono pakilimas (žymimas frazės ar sintagmos pradžioje). Pvz.: *kōnēgā·kštis / tas_nalē.p^a\ ó·n_tuorūos! // çns_vāžā.ų^(a) / e_nuvažā.ų^(a)* // ~ Kunigáikštis – tas nelīpo an(t) tvorōs! Anas važiāvo i(r) nuvažiāvo. (Pakeltu tonu pabrėžiamas temos vardininkas.)

∩ – bendras tono kritimas (žymimas frazės ar sintagmos pradžioje). Pvz.: *sāvo·mīñti·sē / mano_núomo·ñę·s / ñiēkxs ñēktā.ušę·\ / vīšiškxi·su ñikāū. / su_bró·lęis* // ~ Sāvo mintysē (mano núomonės niēkas neklāusē) vīšiškai sutikaū su bróliais.

Partial translation from Lithuanian:

Only the most important sentence intonation characteristics are to be marked on paper, and only those which rest on the central words of a syntagm or a phrase. The characters (unless specifically indicated otherwise), are to be written *after* the words they pertain to.

/ \ \ – sharp rise of tone (anticadence), fall (cadence), rise-fall (emphatic anticadence). For example [Lithuanian sentences, phonetically transcribed]

ˊ ˋ – slight rise or fall of tone. For example [Lithuanian sentences, phonetically transcribed]. Usually these characters also denote a faster tempo of delivery.

∫ \ – protracted tone rise or fall. For example...

ˆ – rise of tone with a tendency of falling at the end of the intoned segment. For example...

ˆ ˋ – strong or accordingly slight fall of tone with a tendency of rising towards the end of the segment. For example...

ˆ – sudden general rise of tone of a syntagm (written at the start of the phrase or syntagm). For example...

ˋ – general fall of tone (written at the start of a phrase or syntagm). For example...

Fig. 2001a-348: Showing specimens for U+2E3D VERTICAL SIX DOTS (red) and U+2E3E WIGGLY VERTICAL LINE (green).

// – frazės pabaigos (terminalinė) pauzė (žr. ankstesnius pavyzdžius).

/ – sintagmos ribų pauzė (žr. ankstesnius pavyzdžius).

— – ilga neterminalinė pauzė. Pvz.: bk *iř·tė·vas| | ir·mó·tina| | ir·bró·lėiř· — vīřiř·kaib·žvė·ři·s\ puola ta·bėřnō·ka· // ~ Ir tėvas, ir mótina, ir bróliai – visi kaip žvėrys puola tą berniōką.*

⋮ – neryški pauzė sintagmos viduje (žr. ankstesnius pavyzdžius).

⋮ – netikėtas kalbėjimo srauto pertrūkis arba staigus intonacijos posūkis. Pvz.: š. žem. *er·oňs·lō·bř·sq·māř·s| | pō·pė·ŋkīř| | kė·i(k)ř·gā·us\ tōn·dė·in^(a)·da·řbėņiř·nku\ // ~ Ir anas liúoba samdýs („jis samdydavo“) po penkis... kiek gaus tą dieną darbininkų (pauzė prieš darbininkų – pridūrimo signalas).*

– – atviroji sandūra. Ypač žymėtina balsių junginiuose, kurie be šio ženkle gali būti skaitomi kaip dvibalsiai. Pvz.: bk *pa·upī·s ~ paupýs, su·irūtė ~ suirūtė.*

-- – netikėtas kalbėjimo srauto pertrūkis žodžio viduryje. Pvz.: *ute·niškių špřá·udī·dava.(s)| žma·gė·līs | kai·raikė·dava.ř n^u·kablū·ka.ř n^o·nukabī·n(ř) tas·pu·gžlō·kas\ // ~ Spjáudydavos žmogėlys, kai reikėdavo nuo kabliūko n... nukabint' tas pūgžliōkas¹⁷.*

Partial translation from Lithuanian:

⋮ – slight pause in the middle of a syntagm.

⋮ – unexpected interruption in the flow of speech, or a sharp change of intonation. For example [Lithuanian sentences... in the Samogitian dialect, phonetically transcribed]

Fig. 2001a-349: Compare with fig. 1930a-26a which shows the same text.

§ 12. Keletas pavyzdžių¹⁸

Bendrinė kalba

tuř.guġe mēřġē.Ĺe.¹⁹ | aĉiliko nuo_mó'fino's\ || ji_lā.ksto | ĵieškó'da-
ma savo mamī.Ĺe's\ || žmó'ņe's | ktá.ušē\ || ko'kġe būuo.\ tàwo mamā? ||
mēřġē.Ĺe | vėrgdamà sã'ko\ || ařġiġ jũ's | ñežino.Ĺe? || máno mamā ab-
dřĩskušĩ | ĩerġē.Ĺe mĩs apšĩkabĩnušĩ | ġet_už_vĩsāzĩ | ġerēšņē\ ||

Pietų žemaičiai raseiniškiai

tũ.r.guĩ mēřġē.Ĺĩ | aĉilĩka nu_múoĩ'nas\ || ji_lā.ksta | i:škuódamā | sáva
mamī.Ĺe's\ || žmúoĩ's | ktá.us\ || kuokġe | būwa.\ tàwa má.ma? || mēřġē.Ĺĩ
řiegdamā | sã.kā\ || ařġiġ jũ's | ñežĩ.núot? || mũna má.m^a | abdřĩskušĩ |
Ĺerġĩkũmš apšĩkabĩnušĩ | | aĹe_už_vĩsās | ġerēšņĩ\ ||

Šiaurės žemaičiai telšiškiai

tõ.r.gõ.u mēřġē.Ĺĩ | aĉelē.k^(a) nu_múoĩn^as\ || an^(a)_lā.kst^(a) | iškúodam^a |
sã.u^(a) mamā.ř's\ || žmúoĩ's | ktá.us\ || kúokġe | bū.u^(a)\ tà.u^(a) má.mā? ||
mēřġē.Ĺĩ | křũogdam^a | sã.k^(a)\ || ařġiġ jũ's | nažėnũot? || mō.n^a má.m^(a),
abdrė.skus^(a) | Ĺerġē.Ĺĩ mĩs apšĩkabė.nus^(a) | | ġet_už_vėsās | ġerēšņē\ ||

Rytų aukštaičiai uteniškiai

tuř.guĩ mēřġē.ta | aĩlĩ.ka. na_mõ'ĉã.s\ || anã_tã.ksta | ĵieška.damã |
sã.řa. ma.tũ.Ĺe's\ || žmó'ņe's | ktá.ušē\ || ko'kġe bū.wā.\ tà.řa. mō'mā? ||
mēřġē.Ĺe | vėrgdamā | sã.kā\ || ařġiġ jũ's | ñežĩ.ná.t? || má.na. mō'mā |
abdřĩ.skus | Ĺerġē.ta.mĩ apskabĩ.nus | | aĹe_už_vĩsāzĩ ġerã.snā\ ||

Rytų aukštaičiai kupiškėnai

tuř.guĩ mēřġē.ta | aĩlĩ.kã. nã_mõ'ĉã.s\ || ĵi_tã.ksta | ĵieškã.damã | sã.řã.
mã.tũ.tã.s\ || žmó.nã.s | ktá.ušē\ || kã'kġe bū.wã.\ tà.řã. mō'mã? || mãrgó.itã |
vãrgdamã | sã.kã\ || ařġiġ jũ's | ñe'žĩ.nó.t? || mō.nã. mō'mã | abdřĩ.skus |
tarbã.tã.mĩ apskãbĩ.nus | | aĹe_už_vĩsāzĩ ġerã.snã\ ||

¹⁸ Pasinaudota J. Gerulio (Gerullis, 1930, 11 tt.) antruoju lyginamuoju tekstu „Mama“. Širdingai dėkojame Daivai Atkočaitytei, Irenai Krupienei, Reginei Rinkauskienei, kurios padėjo mums patikslinti kai kurių tekstų transkripciją.

from p. 350:

Rytų aukštaičiai šiaurės panevėžiškiai

tõ.ř^(b). mēřġã.Ĺe | aĉelĩ.ka nã_mó'ĩñoš\ || ĵõn_tã.ksta | ĵæškó'dam^(b) |
sã.va mõtũ.Ĺe's\ || žmó'ņ's | ktá.us^(b)\ || kõk^b bū.va.\ tà.va má.m^(b)? || mēřġē.Ĺe
vãř.gdam | sã.kã\ || ařġ^(b) jũ's | ñežĩ.nat? || má.na má.m^(b) | abdřĩ.sk^bs |
Ĺerġē.ta.mĩ apšėkabi.n^bs | | ġæt_õž_vĩs^(b)s | ġerēšņē\ ||

Fig. 2004a-184: Showing specimens for U+A69C MODIFIER LETTER CYRILLIC HARD SIGN and U+A69D MODIFIER LETTER CYRILLIC SOFT SIGN in the left column.

Also, showing single and double vertical lines, being part of the set which is supplemented by the U+2E3D VERTICAL SIX DOTS and the U+2E3E WIGGLY VERTICAL LINE proposed here. As this specimen is one of the rare examples where phonetic text is set in non-italic type, it shows that the representative glyphs of the vertical lines are in fact vertical rather than slanted (and their names have to be selected accordingly).


<p>53 (Steigvilių) punktas Pakruojo r., Lauksodžio apyl., Steigvilių k. Moteris, g. 1885 m.</p>	 <p>1966 m. įrašė A. Jonaitytė Transkribavo R. Bacevičiūtė Įrašas Nr. j 256 saugomas LKI fonotekoje</p>
<p>vadi.nas' jcu pi.n'oj'ge ma.ta ka dæ.g^ʹ pi.n'oj'ge dæ.g^ʹ pi.n'oj'ge te_ dā- ba tα(s)_senē.l^ʹs' un'_pē.č'oz' gū.l' o_ tã senæ.la sã.ka aĩ.k tē_ve māt_kur pi- n'ej'ge dæ.g^ʹ iškã.s^ʹ tuos_pi.n'oj'g^ʹs o_ tα(s)_senē.l^ʹ(s') sã.ka aĩ.k tu mō_ĵi kãd^ʹ diēu^ʹs dúos tα(i)_ir' i_ grī_č'ō. αn'ōš u_ tē_ lαŋge bú_dava ùstumē^ʹ su_ tō- k'ōm lun'tæ.lē.m i_ tãd^ʹ prã.stum^ʹ i_ š'viēš^ʹ nō_ tē_ dāba aĩ.n tōkē_pū.z'ber'ņe ir'_ĵiē gēr'.ž^ʹ jcu_vãkãr^ʹ ka_tie š'næ.k^ʹ teip vidō.ĩ su_ tãis pinēnges tē_ĵiē nō-</p>	<p>Vadinas, jau pinigai ('pinigai'), mā- to, ka ('kad') dėga pinigai, dėga pinigai. Tei dabà tas senėlis an pėčiaus ('krosnies') gūli, o tã senėlė sãko: „Eĩk, tėvai, māt kur pinigai dėga, iškãsi tuos pinigus“. O tas senėlis sãko: „Eĩk tu, mōĵi ('motin'), kadã Diēvas dúos, tai ir ĵ grĵiã atnėš“. O te lan- gaĩ bũdavo užstumiami, su tokiōm lentē- lēm, i tadã prãstumi, i šviesũ. Nũ, tei dabã eĩna tokiē pũsberniai, ir ĵiē giřdžia, jau va- karė, ka tiē šnėka teip vidũj su taĩs pinin- gaĩs ('apie tuos pinigus'). Tei ĵiē nueĩna, kur</p>

Fig. 2006a-162: Showing specimens for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK and several other characters proposed here.

satdá.ineš\ jo.š iš'si.perk\ || o_vírēj | ví'r'si_tuos | so_ežgeřžm\ ||
 nō|_te_wōt pasēř.ñ.k' | ta_mó'tōņ; dāuģá.us^(e) || pasēř.ñ.k' | mó'tōņ' tē_v's |
 so_dúon; | su_vř.na. | štiklūķes || pastã_tē; | e_kãsi netūr^(e) | tē_vř.na. | àtcs\ pastã-
 ta. | đvė; šteklėn^(e) | tē_ĵuos; | pasēř.ñ.k' || dúonō.s; | tuo(s)_su_drōsk' | ušpi.t' |
 uñĩ_lē_kštes; | toš_dúonō(s) | suwã.tga. | tuos; | lžger^(e) | štiklōķs; | nō_e_vlš¹⁹ ||
 daģōu| ĵiēm | jcu_nereĩgdawa. | ĵãuniesēm\ || te_vřs | tōkš;_jcu | palēģ.gve.ñžm's |
 bú_dawa. || iš_(i)ú' | nereikatã.uj^(e) || tēk_iš_svō_č'os; | iš_svō.tu. | ĵõ; | išsipiř-
 kl.ma. _ta. || pas_mōņ; | mú.su. | krãšĩ ||
 dabr' | tē_mã's; | gēr'žæm\ || ka_dabr; | kad_vãstũ.vęš | bãĩ.geš | đvĩ_lãktō;
 wã_tãndō²⁰ || tē_kò' | tē_tep_greĩt; | iššėškōrs\ || vakãr; | ka_parvažũoĩ^(e) | bú-
 dawa; | nãtrōñ.k' | ta_đvĩ_lãkt^(e); | atēĩ.n^e ||
 [iš ryto] nō_žã_đōn | tē_muzikōntē\ dāuģá.usē || tē_tieř | má.ršs; | griež^(e) |

Fig. 2008a-271: Showing specimens for U+A797 LATIN SMALL LETTER N WITH INWARDS HOOK and several other characters proposed here.

*mę(s)† | žid⁽ⁱ⁾ę̣·ĩ^ę | tųkei_rauduonâ·(s)† žę.idèlê·ṣ\ || pri_ pà† | žė.m^ęṣ\ || ta_tei_dagòkâ·† bọ.u | dèdèl^(ę)† | vâ·istã·\! || ta_lô·b† | tũ·n†
 idies | kàt·sũ·d^(ę)† idies | ę_đous·ə† | gê·rt^ę\ || rũož^ęs† ka_bũ·s_ kũok^ęs |
 kžn\ || â.rbà† | túokĩ[†] | dâ·r† | tũ·n_ 'túokũ⁽ⁿ⁾ | kiesalòku³¹²\ | bũ·s·ə\ |
 tuokę(s)_žuolė.l^ęṣ | šàknikęṣ\ đous || surũou^ę\ || ta_túokã·ṣ\ lô·b |
 ę_gí·dĩ·s^ę(s)\ || vọ_tě·p† | nabọ.u\ túokũ·m ||
 xž³¹³\ | ženâ·\! || tųkâ·rt† | nê·† | aš_á.tmen^(o)† | ne_niěk^(o)\ || tų-
 kâ·rt_ ženâ· | kètũokęs† bọu_gi.vènêms § dabã·† gi.vènêms ĩ·r | dèdlê·\
 / gęrs·ə || vọ_tųkâ·rt† bọ.u | sũ⁽ⁿ⁾kũṣ\ || jê·† | ka(s)_sę·rγ³¹⁴ sę·rga† | jê·† |
 nê·† | nè\ || juk_tųkâ·rt† | sàkâu_ aš || ka_ĩrĩ·lek^(o)† | áuγũo(m)³¹⁵_
 ,mê·s³¹⁶ | ę_šęšęl_ tiktã· | tabò·om\ || àštó.un^(ę)† | tapaúg^uôm\ || jáu† |*

Fig. 2008a-306: Showing specimens for U+A796 LATIN SMALL LETTER M WITH INWARDS HOOK and several other characters proposed here.

84. NENORĖJO OPERACIJOS

*abọ.du\ bọ.uũom | lãuk^a† | da.rbenĩ·nkâ·\ || nu_pà.sk† | vĩ·rs\ | kà-
 žėkã·p† | pastũoi^ę† | i_sa.rgĩ·biñ^uṣ | pri_gĩ·uũol^u\ || nũ_er_õns† |
 paselegũoi^ę\ pri_tu_gĩ·uũol^u babũ·dãms || igã.u^a† | i_gãlw^a† | tũoki^r
 s^uõ·kin[†] | pà.sk† tũoks | príepuolê·† pradieĩ^ę kž.ŋkĩnt^ę | ě·r† | pasę-
 gũoi^ę† | pasęlegũoię† | prašãu† ka_nàbẽ·k | nõ.† sã.k^a | a_tãu nàgæ-
 rã·† | aš_dęin^(a)†_esu | nũmėi† | nã.kt† sa.rgĩ·bũo† pãbũ·nũ § nu_
 kũokęs† gã·rs | kad_rẽ·k† | paselegũot^ę\ | palė.kt^ę† | ĩ·myalidũ\ || pus-
 trèčũ·† | mẽ.(t^u)† turieĩ^ę | mė·rštamõ·ĩ† | lę.g^{a96}\ | ę_mė.r^ę† || tikt† | kas_
 mienisi\ || ap|merėms\ taš_bọ.ua || nõ_ale_bet | sũ·nkũṣ\ || ka.s†
 bũ·s | drã.škĩ.ms† | diėv^ę† mọ.n^a\! || kad_jaw^atẽ·s† | tas_lã·ks† | aš_*

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS**

FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

1. Title: *Second revised proposal to add characters used in Lithuanian dialectology to the UCS*
2. Requester's name: *Vladas Tumasonis; Karl Pentzlin*
3. Requester type (Member body/Liaison/Individual contribution): *Expert Contribution*
4. Submission date: *2011-05-24*
5. Requester's reference (if applicable): *Vilnius University; Faculty of Mathematics and Informatics*
6. Choose one of the following:
This is a complete proposal: *Yes*
(or) More information will be provided later:

B. Technical – General

1. Choose one of the following:
a. This proposal is for a new script (set of characters): *No*
Proposed name of script: _____
b. The proposal is for addition of character(s) to an existing block: *Yes*
Name of the existing block: *Latin Extended-D, Miscellaneous Symbols and Arrows, and others*
2. Number of characters in proposal: *18*
3. Proposed category (select one from below - see section 2.2 of P&P document):
A-Contemporary B.1-Specialized (small collection) B.2-Specialized (large collection)
C-Major extinct D-Attested extinct E-Minor extinct
F-Archaic Hieroglyphic or Ideographic G-Obscure or questionable usage symbols
4. Is a repertoire including character names provided? *Yes*
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document? *Yes*
b. Are the character shapes attached in a legible form suitable for review? *Yes*
5. Fonts related:
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?
Michael Everson
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):

6. References:
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? *Yes*
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? *Yes*
7. Special encoding issues:
Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)? *No*

8. Additional Information:

Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see <http://www.unicode.org/Public/UNIDATA/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N3702-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? If YES explain	No
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? If YES, with whom? If YES, available relevant documents:	Yes <i>One of the authors (V. T.) does itself belong to the scientific community</i> <i>See text</i>
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference:	Yes <i>See text</i>
4. The context of use for the proposed characters (type of use; common or rare) Reference:	Scientific <i>See text</i>
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	Yes <i>See text</i>
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference:	Yes Yes <i>To keep in line with related characters</i>
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	Yes
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference:	No
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? If YES, reference:	No
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? If YES, is a rationale for its inclusion provided? If YES, reference:	No
11. Does the proposal include use of combining characters and/or use of composite sequences? If YES, is a rationale for such use provided? If YES, reference: Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? If YES, reference:	No
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary)	No
13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? If YES, reference:	No