

OpenType font Libertinus

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Abstract

The font family Libertinus is derived from the Linux Libertine and enhanced with a math font by Khaled Hosny and Caleb Maclennan.

Thanks to:
Khaled Hosny;
Caleb Maclennan;
Nelson Posse Lago;
Keno Wehr

1 Introduction

The font package `libertinus-fonts` installs the following OpenType fonts:

```
LibertinusSerif-Regular.otf
LibertinusSerif-Bold.otf
LibertinusSerif-Italic.otf
LibertinusSerif-BoldItalic.otf
LibertinusSerif-Semibold.otf
LibertinusSerif-SemiboldItalic.otf
-----
LibertinusSans-Regular.otf
LibertinusSans-Bold.otf
LibertinusSans-Italic.otf
-----
LibertinusKeyboard-Regular.otf
LibertinusSerifDisplay-Regular.otf
LibertinusSerifInitials-Regular.otf
-----
LibertinusMono-Regular.otf
-----
LibertinusMath-Regular.otf
-----
```

With the package `libertinus-otf` the serif, sans, mono, and the math fonts are set as usual.

2 the font setting

```
\setmainfont{LibertinusSerif}[
  RawFeature      = {\libertinus@figurealign;\libertinus@figurestyle},
  Scale           = \libertinusRM@scale ,
  UprightFont     = *-Regular,
  ItalicFont      = *-Italic,
  ItalicFeatures  = { SmallCapsFont = *-Italic },
  SlantedFont     = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont        = *-\libertinus@boldstyle,
  BoldFeatures    = { SmallCapsFont = *-\libertinus@boldstyle },
  BoldItalicFont  = *-\libertinus@boldstyle Italic,
  BoldItalicFeatures = { SmallCapsFont = *-\libertinus@boldstyle Italic },
  BoldSlantedFont= *-\libertinus@boldstyle,
  BoldSlantedFeatures= {FakeSlant=0.2, SmallCapsFont = *-\libertinus@boldstyle },
  SmallCapsFont   = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
  SmallCapsFeatures={Letters=SmallCaps},
  Extension       = .otf
]

\newfontfamily\LibertinusSerifSB{LibertinusSerif}[
  RawFeature      = {\libertinus@figurealign;\libertinus@figurestyle},
```

```

Scale          = \libertinusRM@scale,
UprightFont    = *-Regular,
ItalicFont     = *-Italic,
ItalicFeatures = { SmallCapsFont = *-Italic },
SlantedFont    = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont       = *-Semibold,
BoldFeatures   = { SmallCapsFont = *-Semibold },
BoldItalicFont = *-SemiboldItalic,
BoldItalicFeatures = { SmallCapsFont = *-SemiboldItalic },
BoldSlantedFont= *-Semibold,
BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Semibold },
SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
SmallCapsFeatures={Letters=SmallCaps},
Extension      = .otf
]

\newfontfamily\LibertinusSerifOsF{LibertinusSerif}[
RawFeature     = {+onum},
Scale          = \libertinusRM@scale ,
UprightFont    = *-Regular,
ItalicFont     = *-Italic,
ItalicFeatures = { SmallCapsFont = *-Italic },
SlantedFont    = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont       = *-\libertinus@boldstyle,
BoldFeatures   = { SmallCapsFont = *-\libertinus@boldstyle },
BoldItalicFont = *-\libertinus@boldstyle Italic,
BoldItalicFeatures = { SmallCapsFont = *-\libertinus@boldstyle Italic },
BoldSlantedFont= *-\libertinus@boldstyle,
BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-\libertinus@boldstyle },
SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
SmallCapsFeatures={Letters=SmallCaps},
Extension      = .otf
]

\newfontfamily\LibertinusSerifTLF{LibertinusSerif}[
RawFeature     = {+tnum;-onum},
Scale          = \libertinusRM@scale ,
UprightFont    = *-Regular,
ItalicFont     = *-Italic,
ItalicFeatures = { SmallCapsFont = *-Italic },
SlantedFont    = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont       = *-\libertinus@boldstyle,
BoldFeatures   = { SmallCapsFont = *-\libertinus@boldstyle },
BoldItalicFont = *-\libertinus@boldstyle Italic,

```

```

    BoldItalicFeatures = { SmallCapsFont = *-\\libertinus@boldstyle Italic },
    BoldSlantedFont= *-\\libertinus@boldstyle,
    BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-\\libertinus@boldstyle },
    SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
    SmallCapsFeatures={Letters=SmallCaps},
    Extension = .otf
]

\setsansfont{LibertinusSans}[
    Extension = .otf,
    RawFeature = {\\libertinus@figurealign;\\libertinus@figurestyle},
    Scale = \\libertinusSF@scale,
    UprightFont = *-Regular,
    ItalicFont = *-Italic,
    ItalicFeatures = { SmallCapsFont = *-Italic },
    SlantedFont = *-Regular,
    SlantedFeatures= {FakeSlant=0.2},
    BoldFont = *-Bold,
    BoldFeatures = { SmallCapsFont = *-Bold },
    BoldItalicFont = *-Italic,
    BoldItalicFeatures = {RawFeature={embolden=3},SmallCapsFont = *-Italic },
    BoldSlantedFont= *-Bold,
    BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
    SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
    SmallCapsFeatures={Letters=SmallCaps},
]

\newfontfamily\\LibertinusSansOsF{LibertinusSans}[
    RawFeature = {+onum;+pnum},
    Scale = \\libertinusSF@scale ,
    UprightFont = *-Regular,
    ItalicFont = *-Italic,
    ItalicFeatures = { SmallCapsFont = *-Italic },
    SlantedFont = *-Regular,
    SlantedFeatures= {FakeSlant=0.2},
    BoldFont = *-Bold,
    BoldFeatures = { SmallCapsFont = *-Bold },
    BoldItalicFont = *-Italic,
    BoldItalicFeatures = {RawFeature={embolden=3}},
    BoldSlantedFont= *-Bold,
    BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
    SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
    SmallCapsFeatures={Letters=SmallCaps},
    Extension = .otf
]

```

```

\newfontfamily\LibertinusSansTLF{LibertinusSans}[
  RawFeature = {+lnum;-onum;+tnum} ,
  Scale = \libertinusSF@scale ,
  UprightFont = *-Regular,
  ItalicFont = *-Italic,
  ItalicFeatures = { SmallCapsFont = *-Italic },
  SlantedFont = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont = *-Bold,
  BoldFeatures = { SmallCapsFont = *-Bold },
  BoldItalicFont = *-Italic,
  BoldItalicFeatures = {RawFeature={embolden=3}},
  BoldSlantedFont= *-Bold,
  BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
  SmallCapsFont = *-Regular,
% SmallCapsFeatures={RawFeature=+smcp},
  SmallCapsFeatures={Letters=SmallCaps},
  Extension = .otf
]

\iflibertinus@mono
\setmonofont{LibertinusMono}[
  RawFeature = {\libertinus@figurealign; \libertinus@figurestyle},
  Scale = \libertinusTT@scale,
  FakeStretch = \libertinusTT@stretch,
  UprightFont = *-Regular,
  ItalicFont = *-Regular,
  ItalicFeatures = {FakeSlant=0.2},
  SlantedFont = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont = *-Regular,
  BoldFeatures = {RawFeature={embolden=3}},
  BoldItalicFont = *-Regular,
  BoldItalicFeatures={FakeSlant=0.2,RawFeature={embolden=3}},
  Extension = .otf,
]
\fi

\iflibertinus@nomath\else
\typeout{*****^^J%
* Using libertinus math *****^^J%
*****}%
\expandafter\setmathfont\expandafter[\libertinusMM@feature]{LibertinusMath-Regular.otf}
\expandafter\setmathfont\expandafter[\libertinusMM@feature,version=bold,
RawFeature={embolden=3}]{LibertinusMath-Regular.otf}
\fi

\newfontfamily\LibertinusKeyboard{libertinuskeyboard-regular.otf}
\newfontfamily\LibertinusDisplay{libertinusserifdisplay-regular.otf}

```

`\newfontfamily\Libertinusinitials{libertinusserifinitials-regular.otf}`

2.1 Math mode

Theorem 1 (Residue Theorem). Let f be analytic in the region G except for the isolated singularities a_1, a_2, \dots, a_m . If γ is a closed rectifiable curve in G which does not pass through any of the points a_k and if $\gamma \approx 0$ in G then

$$\operatorname{Res}_{z=a} f(z) = \operatorname{Res}_a f = \frac{1}{2\pi i} \int_C f(z) dz,$$

where $C \subset D \setminus \{a\}$ is a closed line $n(C, a) = 1$ (e. g. a counterclockwise circle loop).

AΛΔ∇BCDΣΕΦΓGHIJKLMNOΘΩΡΦΠΞQ RSTUVWXYΨΖ ABCDabcd1234

ααββcαδδeεεfζζgγhñiüjkkllλmnnηθθσςφφφρρρϱrσττπυμννςωωω

$xyz^\infty \propto \emptyset y = f(x)$

$$\Sigma \int \Pi \prod \int \Sigma \Sigma_a^b \int_a^b \Pi_a^b \Sigma_a^b \int_a^b \prod_a^b$$

AΛΔ∇BCDΣΕΦΓGHIJKLMNOΘΩΡΦΠΞQ RSTUVWXYΨΖ ABCDabcd1234

ααββcαδδeεεfζζgγhñiüjkkllλmnnηθθσςφφφρρρϱrσττπυμννςωωω

$xyz^\infty \propto \emptyset y = f(x)$

$$\Sigma \int \Pi \prod \int \Sigma \Sigma_a^b \int_a^b \Pi_a^b \Sigma_a^b \int_a^b \prod_a^b$$

`\usepackage{libertinus-otf}`

The default: $\int_1^\infty \frac{1}{x^2} dx = 1$

`\int_1^\infty \frac{1}{x^2} dx = 1`

`\int_1^\infty \frac{1}{x^2} dx = 1`

The default: $\int_1^\infty \frac{1}{x^2} dx = 1$

$$\int_1^\infty \frac{1}{x^2} dx = 1$$

$$\int_1^\infty \frac{1}{x^2} dx = 1$$

`\usepackage[mathfeature={RawFeature=+ss08}]{libertinus-otf}`

With `math=+ss08`: $\int_1^\infty \frac{1}{x^2} dx = 1$

`\int_1^\infty \frac{1}{x^2} dx = 1`

`\int_1^\infty \frac{1}{x^2} dx = 1`

With math=+ss08: $\int_1^\infty \frac{1}{x^2} dx = 1$

$$\int_1^\infty \frac{1}{x^2} dx = 1$$

$$\int_1^\infty \frac{1}{x^2} dx = 1$$

2.2 The serif font

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesar-
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje
cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy od-
jechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię
Taka Albo tace Usta pęk ucha. $\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \omicron \pi \rho \varsigma \sigma \tau \upsilon \phi \chi \psi \omega$ A B Γ Δ E Z H Θ I K Λ M
N Ξ O P P Σ T Y Φ X Ψ Ω

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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opo-
wiadań. Cesar-
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Na-
sze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne
drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych
myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. $\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu$
 $\nu \xi \omicron \pi \rho \varsigma \sigma \tau \upsilon \phi \chi \psi \omega$ A B Γ Δ E Z H Θ I K Λ M N Ξ O P P Σ T Y Φ X Ψ Ω**

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*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesar-
skich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje cnoty
Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie.
Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace
Usta pęk ucha. $\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \omicron \pi \rho \varsigma \sigma \tau \upsilon \phi \chi \psi \omega$ A B Γ Δ E Z H Θ I K Λ M N Ξ O P P Σ T Y Φ X
 Ψ Ω*

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***Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowia-
dań. Cesar-
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga
stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb
słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór
pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. $\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \omicron \pi \rho \varsigma \sigma \tau \upsilon \phi \chi \psi \omega$
A B Γ Δ E Z H Θ I K Λ M N Ξ O P P Σ T Y Φ X Ψ Ω***

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*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Ce-
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje
cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy od-
jechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię
Taka Albo tace Usta pęk ucha. $\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \omicron \pi \rho \varsigma \sigma \tau \upsilon \phi \chi \psi \omega$ A B Γ Δ E Z H Θ I K Λ M
N Ξ O P P Σ T Y Φ X Ψ Ω*

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***Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opo-
wiadań. Cesar-
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Na-
sze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne
drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych***

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myśliwskim bór pęk żył maja wiec. nie taka albo tace usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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scshape

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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2.3 The sans serif font

Honoru myśliwych zaraza Rymusa Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesarzkich zaczy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś

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Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zanie urządział. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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upright

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zanie urządział. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

mdseries
itshape

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zanie urządział. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

bfseries
itshape

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slshape

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zanie urządział. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ZEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ZEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ

ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA. α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

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2.4 The mono font

If you do not like the monofont, you can use the package option `mono=false`, then no mono font is defined and the default Latin Modern Mono will be used unless no one other will be defined. However, by default the package loads the Libertinus Mono font with the default features:

```
\setmonofont{LibertinusMono-Regular.otf[Scale=MatchLowercase,FakeStretch=0.9]}
```

These values can be changed with for example:

```
\usepackage[ScaleTT=MatchUppercase,StretchTT=0.95]{libertinus-otf}
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß'`?=?)(/%%$$"!°QWERTZUIOPÛ*'ÄÖLKJHGFDSA>YXCVBNM;:_
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß'`?=?)(/%%$$"!°QWERTZUIOPÛ*'ÄÖLKJHGFDSA>YXCVBNM;:_
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß'`?=?)(/%%$$"!°QWERTZUIOPÛ*'ÄÖLKJHGFDSA>YXCVBNM;:_
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß'`?=?)(/%%$$"!°QWERTZUIOPÛ*'ÄÖLKJHGFDSA>YXCVBNM;:_
```

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarских znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja wiec. Nię Taka Albo tace Usta pęk ucha.

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskiem bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.

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3 Features

3.1 Serif fonts

otfinfo --features LibertinusSerif-Regular.otf
c2sc Small Capitals From Capitals
calt Contextual Alternates
case Case-Sensitive Forms
ccmp Glyph Composition/Decomposition
csp Capital Spacing
dlig Discretionary Ligatures
frac Fractions
hlig Historical Ligatures
kern Kerning
liga Standard Ligatures
lnum Lining Figures
mark Mark Positioning
mkmk Mark to Mark Positioning
onum Oldstyle Figures
pnum Proportional Figures
salt Stylistic Alternates
sinf Scientific Inferiors
smcp Small Capitals
ss01 Stylistic Set 1
ss02 Stylistic Set 2
ss03 Stylistic Set 3
ss04 Stylistic Set 4
ss05 Stylistic Set 5
ss06 Stylistic Set 6
ss07 Stylistic Set 7
subs Subscript
sup Superscript
tnum Tabular Figures
zero Slashed Zero

3.2 Sans Serif fonts

otfinfo	--features LibertinusSans-Regular.otf
c2sc	Small Capitals From Capitals
calt	Contextual Alternates
case	Case-Sensitive Forms
ccmp	Glyph Composition/Decomposition
csp	Capital Spacing
dlig	Discretionary Ligatures
frac	Fractions
hlig	Historical Ligatures
kern	Kerning
liga	Standard Ligatures
lnum	Lining Figures
mark	Mark Positioning
onum	Oldstyle Figures
pnum	Proportional Figures
salt	Stylistic Alternates
sinf	Scientific Inferiors
smcp	Small Capitals
ss01	Stylistic Set 1
ss03	Stylistic Set 3
ss04	Stylistic Set 4
ss06	Stylistic Set 6
ss07	Stylistic Set 7
subs	Subscript
sup	Superscript
tnum	Tabular Figures
zero	Slashed Zero

3.3 Math font

ss08	Stylistic Set 8 (slanted integral symbols)
------	--

4 Package options

Possible optional arguments are

oldstyle, osf	old-style figures
lining, nf, lf	lining figures (default)
proportional, p	varying-width figures
tabular, t	fixed-width figures (default)
semibold, sb	semibold version
bold	bold version (default)
ScaleRM	scaling for the serif font, preset to 1
ScaleSF	scaling for the sans serif font, preset to 1
ScaleTT	scaling for the mono font, preset to MatchLowercase
StretchTT	value (0..1) for the mono font stretch (FakeStretch)
defaultfeatures	valid only for <code>\rmfamily</code> and <code>\sffamily</code>
uni	argument is passed to <code>unicode-math</code>
mathfeature	argument is passed to <code>\setmathfont</code>
greek	set some greek letters for directly use

nomath	Do not load package unicode-math and no math font setting
greekitalic	Set some greek italic letters for directly use in the input

With the option greek the package `libertinus-otf` sets the following greek letters for directly use in the input. However, using the italic variants only makes sense with the optional argument `uni={text-style=literal}`:

```
\newunicodechar{\alpha}{\alpha}
\newunicodechar{\beta}{\beta}
\newunicodechar{\gamma}{\gamma}
\newunicodechar{\delta}{\delta}
[...]
```

and with the option `greekitalic`:

```
\newunicodechar{\mitalpha}
\newunicodechar{\mitbeta}
\newunicodechar{\mitgamma}
\newunicodechar{\mitdelta}
[...]
```

Both make only sense if your keyboard supports such letters.

The following example also shows the use of the package option `uni` which passes its argument to the package `unicode-math`. This package shouldn't be loaded in the preamble, it should only be done by `libertinus-otf`.

```
\usepackage[uni={math-style=literal}]{libertinus-otf}
$αβγδεζηθικλμνξοπρστυφχψω$ \ %math upright
$ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ$ \
$αβγδεζηθικλμνξοπρστυφχψω$% math italic
```

αβγδεζηθικλμνξοπρστυφχψω
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρστυφχψω

```
\usepackage[osf]{libertinus-otf}
0000111122223333444455556666777788889999\par abcdefghijklmn
```

0000111122223333444455556666777788889999
abcdefghijklmn

```
\usepackage[lining]{libertinus-otf}
0000111122223333444455556666777788889999\par abcdefghijklmn
```

0000111122223333444455556666777788889999
abcdefghijklmn

```
\usepackage[t=false]{libertinus-otf}
0000111122223333444455556666777788889999\par
\addfontfeatures{RawFeature=+tnum}%
0000111122223333444455556666777788889999
```

```
0000111122223333444455556666777788889999
0000111122223333444455556666777788889999
```

```
\usepackage[p]{libertinus-otf}
0000111122223333444455556666777788889999\par
\addfontfeatures{RawFeature=-pnum}%
0000111122223333444455556666777788889999
```

```
0000111122223333444455556666777788889999
0000111122223333444455556666777788889999
```

5 Features

5.1 Capitals to Small Caps

The macro `\Lctosc{arg}` is for a local change of *arg* and `\LctoSC+` and `\LctoSC-` for a global change of capitals to small caps.

```
\usepackage{libertinus-otf}
\usepackage{xcolor}
Libertinus Font ŐŰÉÁÄ Кириллица\Lctosc{Libertinus Font ŐŰÉÁÄ Кириллица}\
\LctoSC+ Libertinus Font ŐŰÉÁÄ Кириллица

\sffamily \LctoSC-
Libertinus Font ŐŰÉÁÄ Кириллица\Lctosc{Libertinus Font ŐŰÉÁÄ Кириллица}\
\LctoSC+ Libertinus Font ŐŰÉÁÄ Кириллица
```

```
Libertinus Font ŐŰÉÁÄ Кириллица libertinus font őűéáä Кириллица
libertinus font őűéáä Кириллица
Libertinus Font ŐŰÉÁÄ Кириллица libertinus font őűéáä Кириллица
libertinus font őűéáä Кириллица
```

5.2 Capitals to Small Caps and small capitals

The macro `\Lctosmcp{arg}` is for a local change of *arg* and `\LctoSMCP+` and `\LctoSMCP-` for a global change of capitals to small caps.

```

\usepackage{libertinus-otf}
\usepackage{xcolor}

Libertinus Font ŐŰÉÁÄ Кириллица \Lctosmcp{Libertinus Font ŐŰÉÁÄ Кириллица}\
\LCtoSMCP+ Libertinus Font ŐŰÉÁÄ Кириллица

\sfamily \LCtoSMCP-
Libertinus Font ŐŰÉÁÄ Кириллица \Lctosmcp{Libertinus Font ŐŰÉÁÄ Кириллица}\
\LCtoSMCP+ Libertinus Font ŐŰÉÁÄ Кириллица

```

Libertinus Font ŐŰÉÁÄ Кириллица LIBERTINUS FONT ŐŰÉÁÄ Кириллица LIBERTINUS FONT ŐŰÉÁÄ Кириллица Libertinus Font ŐŰÉÁÄ Кириллица LIBERTINUS FONT ŐŰÉÁÄ Кириллица LIBERTINUS FONT ŐŰÉÁÄ Кириллица
--

5.3 Ligatures

The macros `\Lliga{arg}` (standard ligatures), `\Lhlig{arg}` (historical ligatures), `\Ldlig{arg}` (discretionary ligatures) are for a local change of *arg* and `\LLIGA+/\LLIGA-`, `\LHLIG+/\LHLIG-`, and `\LDLIG+/\LDIG-` for a global change of capitals to small caps relative to the current group.

```

\usepackage{libertinus-otf}
\usepackage{xcolor}

fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft

\LLIGA-
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft

ct, st \quad \LHLIG+ ct, st \LHLIG-

Th, tt, tz, ck, ch \quad \LDLIG+ Th, tt, tz, ck, ch \LDLIG-

\sfamily \LLIGA+ % Default
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft

\LLIGA-
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft

ct, st \quad \LHLIG+ ct, st \LHLIG-

Th, tt, tz, ck, ch \quad \LDLIG+ Th, tt, tz, ck, ch \LDLIG-

```



```
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft
ct, st      ct, st
Th, tt, tz, ck, ch      Th, tt, tʒ, ck, ch
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft
fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, ff, ft
ct, st      ct, st
Th, tt, tz, ck, ch      Th, tt, tʒ, ck, ch
```

5.4 Case sensitive Forms

The macro `\Lcase{arg}` is for a local change of *arg* and `\LCASE+` and `\LCASE-` for a global change of case sensitive forms.

```
\usepackage{libertinus-otf}
\usepackage{xcolor}

;CANTÁ! ¿CUÁNTOS? L1234567890L-\
\textcolor{red}{\Lcase{;CANTÁ! ¿CUÁNTOS? L1234567890L-}}

\makebox[0pt][l]{;CANTÁ! ¿CUÁNTOS? L1234567890L-}%
\textcolor{red}{\Lcase{;CANTÁ! ¿CUÁNTOS? L1234567890L-}}

\sfamily
;CANTÁ! ¿CUÁNTOS? L1234567890L-\
\textcolor{red}{\Lcase{;CANTÁ! ¿CUÁNTOS? L1234567890L-}}

\makebox[0pt][l]{;CANTÁ! ¿CUÁNTOS? L1234567890L-}%
\textcolor{red}{\Lcase{;CANTÁ! ¿CUÁNTOS? L1234567890L-}}
```

```
;CANTÁ! ¿CUÁNTOS? L1234567890L-
;CANTÁ! ¿CUÁNTOS? L1234567890L-
;CANTÁ! ¿CUÁNTOS? L1234567890L-
;CANTÁ! ¿CUÁNTOS? L1234567890L-
;CANTÁ! ¿CUÁNTOS? L1234567890L-
;CANTÁ! ¿CUÁNTOS? L1234567890L-
```

5.5 Capital spacing, uppercase kerning

```
\usepackage{libertinus-otf}
\usepackage{xcolor}

IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.\
\textcolor{red}{\Lcsp{IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}}

\makebox[0pt][l]{IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}%
```

```

\textcolor {red }{\ LCPSP IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}

\ sffamily
IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.\
\textcolor {red }{\ Lcsp{IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}}

\makebox[0pt][l]{IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}%
\textcolor {red }{\ LCPSP IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.}

```

<p>IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH. IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH. IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH. IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH. IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH. IN THE BEGINNING GOD CREATED THE HEAVENS AND THE EARTH.</p>

5.6 Stylistic Alternates

The macro `\Lsalt{arg}` is for a local change of *arg* and `\LSALT+` and `\LSALT-` for the alternate characters.

```

\usepackage{libertinus-otf}
&Jβκθha \quad &Jβ\Lsalt{κθ}ha \quad\LSALT+ &Jβκθha \quad\LSALT- &Jβκθha

\ sffamily
&Jβκθha \quad &Jβ\Lsalt{κθ}ha \quad\LSALT+ &Jβκθha \quad\LSALT- &Jβκθha

```

&Jβκθha	&Jβκθha	ⓂJβκθha	&Jβκθha
&Jβκθha	&Jβκθha	ⓂJβκθha	&Jβκθha

5.7 Stylistic Sets

There is a short command `\Lsxx{text}` for the seven stylistic sets, where *xx* is the number of the set (two digits) and *text* the local argument:

```

\usepackage{libertinus-otf}
Ä,Ë,Ö$ \rightarrow$ \Lss01{Ä,Ë,Ö} \quad J, K, R$ \rightarrow$ \Lss02{J, K, R} \quad
ßß ,, \textsc{ß}$ \rightarrow$ \Lss03{ßß ,, \textsc{ß}} \quad ß$ \rightarrow$ \Lss04ß } \quad
W$ \rightarrow$ \Lss05{W} \quad &$ \rightarrow$ \Lss06{&} \quad ¶$ \rightarrow$ \Lss07¶ }

\ sffamily
Ä,Ë,Ö$ \rightarrow$ \Lss01{Ä,Ë,Ö} \quad ßß ,, \textsc{ß}$ \rightarrow$ \Lss03{ßß ,, \textsc{ß}} \quad ß
$ \rightarrow$ \Lss04ß } \quad &$ \rightarrow$ \Lss06{&} \quad ¶$ \rightarrow$ \Lss07¶ }

```

Ä,Ë,Ö→Ä,Ë,Ö	J,K,R→J,K,R	ß,ß,ß→ss,SS,ss	ß→SS	W→W	&→Ⓜ	¶→¶
Ä,Ë,Ö→Ä,Ë,Ö	ß,ß,ß→ss,SS,ss	ß→SS	&→Ⓜ	¶→¶		

For a global change of the stylistic set one can use the command `\LSSxx`, where `xx` is again the number of the set.

```
\usepackage{libertinus-otf}
```

```
ÄËÖ \LSS01 ÄËÖ
```

ÄËÖ ÄËÖ

```
\usepackage{libertinus-otf}
```

```
JKR \LSS02 JKR
```

JKR ĵKR

```
\usepackage{libertinus-otf}
```

```
{ß \LSS03 ß} ß \LSS04 ß
```

ß ss ß SS

```
\usepackage{libertinus-otf}
```

```
\huge
```

```
W {\LSS05 W} \quad \WikipediaW \quad \Wikipedia
```

W W W WIKIPEDIA

```
\usepackage{libertinus-otf}
```

```
\huge\& {\LSS06 \&}
```

```
\Land\ \textsf{\Land}
```

& & & &

5.8 Fractions

There are two macros: `\Lfrac{arg}` for a local fraction setting and `\LFRAC+` and `\LFRAC-` for a global setting relative to the current group.

```

\usepackage{libertinus-otf}
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289 \par
L 1/2 \Lfrac{1/3}{} 1/4 1/5 1/6 1/7 1/8 1/9 1/10 \Lfrac{5/1289}{}

\LFRAC+
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289

\LFRAC-
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289

```

```

L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/1289
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289
L 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 5/20 9/1289

```

5.9 Scientific Inferieurs

```

\usepackage{libertinus-otf}
H2O, YCbCr, L1234567890abcdefgh

\Lsinf{H2O}, \Lsinf{YCbCr}, \Lsinf{L1234567890abcdefgh} \par \sffamily
\Lsinf{H2O}, \Lsinf{YCbCr}, \Lsinf{L1234567890abcdefgh}

```

```

H2O, YCbCr, L1234567890abcdefgh
H2O, YCbCr, L1234567890abcdefgh
H2O, YCbCr, L1234567890abcdefgh

```

6 New text macros

`\textsup{text}` for superiors, `\textsfb{text}` for semibold (only serif font), and `\textinit{TEXT}` for Initials (only uppercase characters).

`7\textsup{th} floor \textsfb{Semibold}` instead of `\textbf{bold}` and `\textinit{INITIALS}`

`7th floor Semibold` instead of `bold` and `INITIALS`

7 Additional fonts

```

\font\LibertinusKeyboard="file:LibertinusKeyboard-Regular.otf"
\newfontfamily\LibertinusDisplay{libertinusdisplay-regular.otf}
\newfontfamily\LibertinusInitials{libertinusinitials-regular.otf}

```


`\LKeyShiftStrgXC` `\LKeyShiftAltXC` `\LKeyShiftAltGrXC` `\LKeyStrgAltXC` `\LKeyStrgAltEntf`
⇧+Strg+C ⇧+Alt+C ⇧+AltGr+C Strg+Alt+C Strg+Alt+Entf
`\LKeyReset`
Strg+Alt+Entf

7.2 Display font

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesar-
skich zaczy rączy muchom malarstwie spisem różowemi zacnie urządził. Nasze Praga stare żeś Żyje cnoty
Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał ży-
cie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo
tace Usta pęk ucha.

7.3 Initial font

0 1 2 3 4 5 6 7 8 9 0 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Å Ä Æ Ç Ö Ø
U ☒

8 Font commands

Instead of using the command `\fontspec` for changing to a different type of a Libertinus font, one can use a predefined command:

`\LibertinusSerifSB` (SemiBold)
`\LibertinusSerifOsF` (Old style proportional figures)
`\LibertinusSansOsF` (Old style proportional figures)

```
\usepackage{libertinus}
```

```
The default 0123456
```

```
{\bfseries standard bold}
```

```
{\LibertinusSerifSB \bfseries SemiBold 0123456}
```

```
\LibertinusSerifOsF normal weight 0123456
```

```
\LibertinusSansOsF normal weight 0123456
```

The default 0123456 **standard bold SemiBold** 0123456 normal weight 0123456
normal weight 0123456

9 The font list of Libertinus Serif

-1: (.notdef)	-1: (j.inferior)	-1: (questiondown.sc)	-1: (uni0332.450)	-1: (uni0414.loclBGR)
-1: (lslash.sc)	-1: (h.inferior)	-1: (f_f)	-1: (uni0332.650)	-1: (caron.cap)
-1: (nacute.sc)	-1: (zcaron.sc)	-1: (guilsingleft.sc)	-1: (uni0332.700)	-1: (uni043D.loclBGR)
-1: (ncaron.sc)	-1: (nine.fitted)	-1: (guilsingright.sc)	-1: (uni0332.750)	-1: (uni0424.loclBGR)
-1: (eng.sc)	-1: (seven.taboldstyle)	-1: (guillemotright.sc)	-1: (uni0332.400)	-1: (uni0433.loclBGR)
-1: (lacute.sc)	-1: (four.oldstyle)	-1: (eth.sc)	-1: (uni0332.600)	-1: (uni0439.loclBGR)
-1: (ecaron.sc)	-1: (five.oldstyle)	-1: (Euro.fitted)	-1: (uni0332.500)	-1: (uni043A.loclBGR)
-1: (gbreve.sc)	-1: (six.oldstyle)	-1: (a.sc)	-1: (uni0332.550)	-1: (uni0432.loclBGR)
-1: (eogonek.sc)	-1: (seven.oldstyle)	-1: (aacute.sc)	-1: (uni0332.50)	-1: (uni0438.loclBGR)
-1: (dcaron.sc)	-1: (germandbls.sc)	-1: (acircumflex.sc)	-1: (uni0332.800)	-1: (uni0436.loclBGR)
-1: (ohungarumlaut.sc)	-1: (tcaron.sc)	-1: (atilde.sc)	-1: (uni0332.1200)	-1: (uni0437.loclBGR)
-1: (rcaron.sc)	-1: (q.superior)	-1: (adieresis.sc)	-1: (uni0332.1100)	-1: (uni0434.loclBGR)
-1: (tbar.sc)	-1: (dcroat.sc)	-1: (agrave.sc)	-1: (uni0305.500)	-1: (r.inferior)
-1: (uring.sc)	-1: (nine.taboldstyle)	-1: (y.sc)	-1: (uni0305.550)	-1: (uni0305.250)
-1: (uhungarumlaut.sc)	-1: (nine.oldstyle)	-1: (z.sc)	-1: (uni0305.600)	-1: (uni0305.1600)
-1: (racute.sc)	-1: (zero.taboldstyle)	-1: (x.sc)	-1: (uni0305.650)	-1: (longs_longs_j)
-1: (uni0163.sc)	-1: (five.taboldstyle)	-1: (w.sc)	-1: (uni0305.50)	-1: (longs_longs_l)
-1: (scedilla.sc)	-1: (six.taboldstyle)	-1: (aring.sc)	-1: (uni0305.400)	-1: (zero.slash.cap)
-1: (scaron.sc)	-1: (c_t)	-1: (ccedilla.sc)	-1: (uni0305.450)	-1: (zero.cap)
-1: (sacute.sc)	-1: (four.taboldstyle)	-1: (igrave.sc)	-1: (uni0305.350)	-1: (longs_longs_i)
-1: (zacute.sc)	-1: (two.taboldstyle)	-1: (iacute.sc)	-1: (uni0332.1150)	-1: (longs_l)
-1: (ccaron.sc)	-1: (three.taboldstyle)	-1: (icircumflex.sc)	-1: (uni0305.700)	-1: (longs_long)
-1: (aogonek.sc)	-1: (one.taboldstyle)	-1: (ae.sc)	-1: (uni0305.800)	-1: (longs_j)
-1: (oe.sc)	-1: (p.inferior)	-1: (edieresis.sc)	-1: (uni0332.1000)	-1: (longs_i)
-1: (oslash.sc)	-1: (ntilde.sc)	-1: (eacute.sc)	-1: (uni0332.1050)	-1: (one.cap)
-1: (ugrave.sc)	-1: (idieresis.sc)	-1: (ecircumflex.sc)	-1: (uni0305.750)	-1: (three.cap)
-1: (uacute.sc)	-1: (two.fitted)	-1: (egrave.sc)	-1: (uni0332.100)	-1: (eight.cap)
-1: (odieresis.sc)	-1: (three.fitted)	-1: (k.sc)	-1: (uni0305.900)	-1: (nine.cap)
-1: (ocircumflex.sc)	-1: (four.fitted)	-1: (v.sc)	-1: (uni0305.950)	-1: (zero.slash.cap.fitted)
-1: (otilde.sc)	-1: (five.fitted)	-1: (t.sc)	-1: (uni0305.850)	-1: (two.cap)
-1: (oacute.sc)	-1: (one.fitted)	-1: (f.sc)	-1: (uni0305.300)	-1: (seven.cap)
-1: (cacute.sc)	-1: (one.oldstyle)	-1: (g.sc)	-1: (uni0332.850)	-1: (five.cap)
-1: (ucircumflex.sc)	-1: (s_t)	-1: (h.sc)	-1: (uni0332.950)	-1: (six.cap)
-1: (yacute.sc)	-1: (zero.oldstyle)	-1: (i.sc)	-1: (uni0449.loclBGR)	-1: (four.cap)
-1: (hyphen.sc)	-1: (Yen.fitted)	-1: (e.sc)	-1: (uni044A.loclBGR)	-1: (zero.cap.fitted)
-1: (abreve.sc)	-1: (six.fitted)	-1: (c.sc)	-1: (uni044B.loclBGR)	-1: (f_f_j)
-1: (udieresis.sc)	-1: (three.oldstyle)	-1: (d.sc)	-1: (uni044C.loclBGR)	-1: (f.short)
-1: (germandbls.scalt)	-1: (T_h)	-1: (b.sc)	-1: (uni0448.loclBGR)	-1: (y.inferior)
-1: (ydieresis.sc)	-1: (zero.fitted)	-1: (u.sc)	-1: (uni0446.loclBGR)	-1: (z.inferior)
-1: (ij.sc)	-1: (seven.fitted)	-1: (j.sc)	-1: (uni0447.loclBGR)	-1: (hyphen.cap)
-1: (thorn.sc)	-1: (two.oldstyle)	-1: (m.sc)	-1: (uni0444.loclBGR)	-1: (grave.cap)
-1: (ograve.sc)	-1: (Q_u)	-1: (r.sc)	-1: (uni0442.loclBGR)	-1: (w.inferior)
-1: (zdotaccent.sc)	-1: (f_t)	-1: (s.sc)	-1: (uni044E.loclBGR)	-1: (u.inferior)
-1: (lcaron.sc)	-1: (zero.slash.fitted)	-1: (l.sc)	-1: (uni045D.loclBGR)	-1: (v.inferior)
-1: (uni0219.sc)	-1: (f_j)	-1: (q.sc)	-1: (uni03020303)	-1: (t.inferior)
-1: (idotaccent.sc)	-1: (eight.fitted)	-1: (o.sc)	-1: (uni03060300)	-1: (f_f.short)
-1: (b.inferior)	-1: (longs_t)	-1: (p.sc)	-1: (uni03060301)	-1: (acute.cap)
-1: (c.inferior)	-1: (f_f_i)	-1: (n.sc)	-1: (uni0306.cyracap)	-1: (breve.cap)
-1: (uni021B.sc)	-1: (bracketleft.sc)	-1: (Adieresis.alt)	-1: (uni03020309)	-1: (Eng.UCStyle)
-1: (germandbls.ss03)	-1: (bracketright.sc)	-1: (q.inferior)	-1: (uni03020301)	-1: (Eng.UCStyle.sc)
-1: (uni1E9E.alt)	-1: (braceleft.sc)	-1: (s.inferior)	-1: (uni03020300)	-1: (circumflex.cap)
-1: (zero.slash)	-1: (braceright.sc)	-1: (uni0332.1600)	-1: (uni040D.loclBGR)	-1: (uni01E3.sc)
-1: (eight.taboldstyle)	-1: (parenright.sc)	-1: (uni0332.200)	-1: (uni0332.900)	-1: (W.alt)
-1: (d.inferior)	-1: (Udieresis.alt)	-1: (uni0332.250)	-1: (uni043F.loclBGR)	-1: (aeacute.sc)
-1: (g.inferior)	-1: (parenleft.sc)	-1: (uni0332.300)	-1: (uni043B.loclBGR)	-1: (q.sc.u)
-1: (l.inferior)	-1: (Odieresis.alt)	-1: (uni0332.150)	-1: (uni0418.loclBGR)	-1: (uni0305.200)
-1: (m.inferior)	-1: (f_f_l)	-1: (uni0332.1350)	-1: (uni0419.loclBGR)	-1: (one.cap.fitted)
-1: (n.inferior)	-1: (exclamdown.sc)	-1: (uni0332.1450)	-1: (uni041A.loclBGR)	-1: (three.cap.fitted)
-1: (f.inferior)	-1: (guillemotleft.sc)	-1: (uni0332.1300)	-1: (uni041B.loclBGR)	-1: (f_h)
-1: (k.inferior)	-1: (f_i)	-1: (uni0332.1250)	-1: (uni0416.loclBGR)	-1: (f_k)
-1: (i.inferior)	-1: (f_l)	-1: (uni0332.350)	-1: (uni0306.cyr)	-1: (uni0305.100)

-1: (uni0305.1000)	55: 7 (seven)	118: v (v)	214: Ö (Odieresis)	277: ě (ebreve)
-1: (longs_s)	56: 8 (eight)	119: w (w)	215: × (multiply)	278: Ę (Edotaccent)
-1: (f_f_k)	57: 9 (nine)	120: x (x)	216: Ø (Oslash)	279: è (edotaccent)
-1: (longs_h)	58: : (colon)	121: y (y)	217: Û (Ugrave)	280: Ě (Eogonek)
-1: (f_f_h)	59: ; (semicolon)	122: z (z)	218: Ú (Uacute)	281: ě (eogonek)
-1: (uni0268.dotless)	60: < (less)	123: { (braceleft)	219: Ũ (Ucircumflex)	282: Ě (Ecaron)
-1: (uni0305.1050)	61: = (equal)	124: (bar)	220: Ü (Udieresis)	283: ě (ecaron)
-1: (uni0305.1150)	62: > (greater)	125: } (bracerright)	221: Ý (Yacute)	284: Ğ (Gcircumflex)
-1: (uni0305.1450)	63: ? (question)	126: ~ (asciitilde)	222: Þ (Thorn)	285: ğ (gcircumflex)
-1: (uni0305.150)	64: @ (at)	160: (uni00A0)	223: ß (germandbls)	286: Ğ (Gbreve)
-1: (uni0305.1100)	65: A (A)	161: ¡ (exclamdown)	224: à (agrave)	287: ğ (gbreve)
-1: (uni0305.1350)	66: B (B)	162: ¢ (cent)	225: á (acute)	288: Ğ (Gdotaccent)
-1: (uni0305.1250)	67: C (C)	163: £ (sterling)	226: â (acircumflex)	289: ğ (gdotaccent)
-1: (uni0305.1300)	68: D (D)	164: ¤ (currency)	227: ã (atilde)	290: Ğ (uni0122)
-1: (uni0305.1200)	69: E (E)	165: ¥ (yen)	228: ä (adieresis)	291: ğ (uni0123)
-1: (two.cap.fitted)	70: F (F)	166: ¦ (brokenbar)	229: å (aring)	292: Ħ (Hcircumflex)
-1: (uni0249.dotless)	71: G (G)	167: § (section)	230: æ (ae)	293: ħ (hcircumflex)
-1: (t_t)	72: H (H)	168: ¨ (dieresis)	231: ç (cedilla)	294: Ħ (Hbar)
-1: (eight.cap.fitted)	73: I (I)	169: © (copyright)	232: è (egrave)	295: ħ (hbar)
-1: (nine.cap.fitted)	74: J (J)	170: ª (ordfeminine)	233: é (eacute)	296: Ì (Itilde)
-1: (c_h)	75: K (K)	171: « (guillemotleft)	234: ê (ecircumflex)	297: ï (itilde)
-1: (c_k)	76: L (L)	172: ¬ (logicalnot)	235: ë (edieresis)	298: Ī (Imacron)
-1: (seven.cap.fitted)	77: M (M)	173: (uni00AD)	236: ì (igrave)	299: ĩ (imacron)
-1: (five.cap.fitted)	78: N (N)	174: ® (registered)	237: í (iacute)	300: Ĩ (Ibreve)
-1: (six.cap.fitted)	79: O (O)	175: ¯ (macron)	238: î (icircumflex)	301: ĩ (ibreve)
-1: (four.cap.fitted)	80: P (P)	176: ° (degree)	239: ï (idieresis)	302: Ĭ (Iogonek)
-1: (a.scalt)	81: Q (Q)	177: ± (plusminus)	240: ð (eth)	303: ĩ (iogonek)
-1: (t_z)	82: R (R)	178: ² (twosuperior)	241: ñ (ntilde)	304: Ĭ (Idotaccent)
-1: (K.alt)	83: S (S)	179: ³ (threesuperior)	242: ò (ograve)	305: ı (dotlessi)
-1: (h.alt)	84: T (T)	180: ´ (acute)	243: ó (oacute)	306: Ĳ (IJ)
-1: (y.alt)	85: U (U)	181: μ (uni00B5)	244: ô (ocircumflex)	307: ij (ij)
-1: (J.alt)	86: V (V)	182: ¶ (paragraph)	245: õ (otilde)	308: Ĵ (Jcircumflex)
-1: (uni0431.ital)	87: W (W)	183: · (periodcentered)	246: ö (odieresis)	309: ĵ (jcircumflex)
-1: (germandbls.alt)	88: X (X)	184: ¸ (cedilla)	247: ÷ (divide)	310: Ɔ (uni0136)
-1: (ampersand.alt)	89: Y (Y)	185: ¹ (onesuperior)	248: ø (oslash)	311: Ɔ (uni0137)
-1: (R.alt)	90: Z (Z)	186: º (ordmasculine)	249: ù (ugrave)	312: Ɔ (kgreenlandic)
-1: (uni03060303)	91: [(bracketleft)	187: » (guillemotright)	250: ú (uacute)	313: Ł (Lacute)
-1: (uni0457.calt)	92: \ (backslash)	188: ¼ (onequarter)	251: û (ucircumflex)	314: Í (Iacute)
0: (uni0000)	93:] (bracketright)	189: ½ (onehalf)	252: ü (udieresis)	315: Ĳ (uni013B)
13: (uni000D)	94: ^ (asciicircum)	190: ¾ (threequarters)	253: ý (yacute)	316: Ĳ (uni013C)
32: (space)	95: _ (underscore)	191: ¿ (questiondown)	254: þ (thorn)	317: Ĺ (Lcaron)
33: ! (exclam)	96: ` (grave)	192: À (Agrave)	255: ŷ (ydieresis)	318: Ĺ (Lcaron)
34: " (quotedbl)	97: a (a)	193: Á (Aacute)	256: Ā (Amacron)	319: Ł (Ldot)
35: # (numeralsign)	98: b (b)	194: Â (Acircumflex)	257: ā (amacron)	320: ı (ldot)
36: \$ (dollar)	99: c (c)	195: Ã (Atilde)	258: Ă (Abreve)	321: Ł (Lslash)
37: % (percent)	100: d (d)	196: Ä (Adieresis)	259: ă (abreve)	322: ł (lslash)
38: & (ampersand)	101: e (e)	197: Å (Aring)	260: Ą (Aogonek)	323: Ń (Nacute)
39: ` (quotesingle)	102: f (f)	198: Æ (AE)	261: ą (aogonek)	324: ń (nacute)
40: ((parenleft)	103: g (g)	199: Ç (Ccedilla)	262: Ć (Cacute)	325: Ņ (uni0145)
41:) (parenright)	104: h (h)	200: Ę (Egrave)	263: ć (cacute)	326: ņ (uni0146)
42: * (asterisk)	105: i (i)	201: É (Eacute)	264: Ĉ (Ccircumflex)	327: Ň (Ncaron)
43: + (plus)	106: j (j)	202: Ê (Ecircumflex)	265: ĉ (ccircumflex)	328: ñ (ncaron)
44: , (comma)	107: k (k)	203: Ë (Edieresis)	266: Ċ (Cdotaccent)	329: ñ (napostrophe)
45: - (hyphen)	108: l (l)	204: Ì (Igrave)	267: ċ (cdotaccent)	330: Ŋ (Eng)
46: . (period)	109: m (m)	205: Í (Iacute)	268: Ć (Ccaron)	331: ŋ (eng)
47: / (slash)	110: n (n)	206: Î (Icircumflex)	269: č (ccaron)	332: Ō (Omacron)
48: 0 (zero)	111: o (o)	207: Ī (Idieresis)	270: Ď (Dcaron)	333: ō (omacron)
49: 1 (one)	112: p (p)	208: ð (Eth)	271: đ (dcaron)	334: Ŏ (Obreve)
50: 2 (two)	113: q (q)	209: Ñ (Ntilde)	272: Đ (Dcroat)	335: ǒ (obreve)
51: 3 (three)	114: r (r)	210: Ò (Ograve)	273: đ (dcroat)	336: Ő (Ohungarumlaut)
52: 4 (four)	115: s (s)	211: Ó (Oacute)	274: Ē (Emacron)	337: ő (ohungarumlaut)
53: 5 (five)	116: t (t)	212: Ô (Ocircumflex)	275: ē (emacron)	338: Œ (OE)
54: 6 (six)	117: u (u)	213: Õ (Otilde)	276: ě (Ebreve)	339: œ (oe)

340: \acute{R} (Racute)	403: \mathring{G} (uni0193)	466: \ddot{o} (uni01D2)	529: \mathring{r} (uni0211)	592: \mathfrak{e} (uni0250)
341: \acute{r} (racute)	404: \mathring{Y} (uni0194)	467: \mathring{U} (uni01D3)	530: \mathring{R} (uni0212)	593: \mathfrak{a} (uni0251)
342: \mathring{R} (uni0156)	405: \mathfrak{h} (uni0195)	468: \mathring{u} (uni01D4)	531: \mathring{r} (uni0213)	594: \mathfrak{d} (uni0252)
343: \mathring{r} (uni0157)	406: \mathfrak{l} (uni0196)	469: \mathring{U} (uni01D5)	532: \mathring{U} (uni0214)	595: \mathfrak{b} (uni0253)
344: \mathring{R} (Rcaron)	407: \mathfrak{I} (uni0197)	470: \mathring{u} (uni01D6)	533: \mathring{u} (uni0215)	596: \mathfrak{c} (uni0254)
345: \mathring{r} (rcaron)	408: \mathfrak{K} (uni0198)	471: \mathring{U} (uni01D7)	534: \mathring{U} (uni0216)	597: \mathfrak{c} (uni0255)
346: \acute{S} (Sacute)	409: \mathfrak{k} (uni0199)	472: \mathring{u} (uni01D8)	535: \mathring{u} (uni0217)	598: \mathfrak{d} (uni0256)
347: \acute{s} (sacute)	410: \mathfrak{I} (uni019A)	473: \mathring{U} (uni01D9)	536: \mathring{S} (uni0218)	599: \mathfrak{d} (uni0257)
348: \mathring{S} (Scircumflex)	411: $\mathring{\lambda}$ (uni019B)	474: \mathring{u} (uni01DA)	537: \mathring{s} (uni0219)	600: \mathfrak{e} (uni0258)
349: \mathring{s} (scircumflex)	412: \mathring{U} (uni019C)	475: \mathring{U} (uni01DB)	538: \mathring{T} (uni021A)	601: \mathfrak{e} (uni0259)
350: \mathring{S} (Scedilla)	413: \mathring{N} (uni019D)	476: \mathring{u} (uni01DC)	539: \mathring{t} (uni021B)	602: \mathfrak{e} (uni025A)
351: \mathring{s} (scedilla)	414: \mathfrak{n} (uni019E)	477: \mathfrak{e} (uni01DD)	540: \mathring{z} (uni021C)	603: \mathfrak{e} (uni025B)
352: \mathring{S} (Scaron)	415: \mathring{O} (uni019F)	478: \mathring{A} (uni01DE)	541: \mathring{z} (uni021D)	604: \mathfrak{z} (uni025C)
353: \mathring{s} (saron)	416: \mathring{O} (Ohorn)	479: \mathring{a} (uni01DF)	542: \mathring{H} (uni021E)	605: \mathfrak{z} (uni025D)
354: \mathring{T} (uni0162)	417: \mathfrak{o} (ohorn)	480: \mathring{A} (uni01E0)	543: \mathring{h} (uni021F)	606: \mathfrak{e} (uni025E)
355: \mathring{t} (uni0163)	418: \mathring{C} (uni01A2)	481: \mathring{a} (uni01E1)	544: \mathring{H} (uni0220)	607: \mathfrak{f} (uni025F)
356: \mathring{T} (Tcaron)	419: \mathfrak{c} (uni01A3)	482: \mathring{A} (uni01E2)	545: \mathfrak{d} (uni0221)	608: \mathfrak{g} (uni0260)
357: \mathring{t} (tcaron)	420: \mathfrak{P} (uni01A4)	483: \mathring{a} (uni01E3)	546: \mathfrak{e} (uni0222)	609: \mathfrak{g} (uni0261)
358: \mathring{T} (Tbar)	421: \mathfrak{p} (uni01A5)	484: \mathring{G} (uni01E4)	547: \mathfrak{e} (uni0223)	610: \mathfrak{g} (uni0262)
359: \mathring{t} (tbar)	422: \mathfrak{R} (uni01A6)	485: \mathring{g} (uni01E5)	548: \mathfrak{Z} (uni0224)	611: \mathfrak{y} (uni0263)
360: \mathring{U} (Utilde)	423: \mathfrak{R} (uni01A7)	486: \mathring{G} (Gcaron)	549: \mathfrak{z} (uni0225)	612: \mathfrak{y} (uni0264)
361: \mathring{u} (utilde)	424: \mathfrak{r} (uni01A8)	487: \mathring{g} (gcaron)	550: \mathring{A} (uni0226)	613: \mathfrak{y} (uni0265)
362: \mathring{U} (Umacron)	425: $\mathring{\Sigma}$ (uni01A9)	488: \mathring{K} (uni01E8)	551: \mathring{a} (uni0227)	614: \mathring{h} (uni0266)
363: \mathring{u} (umacron)	426: \mathring{l} (uni01AA)	489: \mathring{K} (uni01E9)	552: \mathring{E} (uni0228)	615: \mathring{h} (uni0267)
364: \mathring{U} (Ubreve)	427: \mathring{t} (uni01AB)	490: \mathring{Q} (uni01EA)	553: \mathring{e} (uni0229)	616: \mathring{i} (uni0268)
365: \mathring{u} (ubreve)	428: \mathring{T} (uni01AC)	491: \mathring{q} (uni01EB)	554: \mathring{O} (uni022A)	617: \mathring{l} (uni0269)
366: \mathring{U} (Uring)	429: \mathring{t} (uni01AD)	492: \mathring{Q} (uni01EC)	555: \mathring{o} (uni022B)	618: \mathring{l} (uni026A)
367: \mathring{u} (uring)	430: \mathring{T} (uni01AE)	493: \mathring{q} (uni01ED)	556: \mathring{O} (uni022C)	619: \mathring{l} (uni026B)
368: \mathring{U} (Uhungarumlaut)	431: \mathring{U} (Uhorn)	494: \mathring{z} (uni01EE)	557: \mathring{o} (uni022D)	620: \mathring{l} (uni026C)
369: \mathring{u} (uhungarumlaut)	432: \mathring{u} (uhorn)	495: \mathring{z} (uni01EF)	558: \mathring{O} (uni022E)	621: \mathring{l} (uni026D)
370: \mathring{U} (Uogonek)	433: \mathring{U} (uni01B1)	496: \mathring{j} (uni01F0)	559: \mathring{o} (uni022F)	622: \mathring{l} (uni026E)
371: \mathring{u} (uogonek)	434: \mathring{U} (uni01B2)	497: \mathring{DZ} (uni01F1)	560: \mathring{O} (uni0230)	623: \mathring{u} (uni026F)
372: \mathring{W} (Wcircumflex)	435: \mathring{Y} (uni01B3)	498: \mathring{Dz} (uni01F2)	561: \mathring{o} (uni0231)	624: \mathring{u} (uni0270)
373: \mathring{w} (wcircumflex)	436: \mathring{y} (uni01B4)	499: \mathring{dz} (uni01F3)	562: \mathring{Y} (uni0232)	625: \mathring{u} (uni0271)
374: \mathring{Y} (Ycircumflex)	437: \mathring{Z} (uni01B5)	500: \mathring{G} (uni01F4)	563: \mathring{y} (uni0233)	626: \mathring{u} (uni0272)
375: \mathring{y} (ycircumflex)	438: \mathfrak{z} (uni01B6)	501: \mathring{g} (uni01F5)	564: \mathring{l} (uni0234)	627: \mathring{u} (uni0273)
376: \mathring{Y} (Ydieresis)	439: \mathring{z} (uni01B7)	502: \mathring{H} (uni01F6)	565: \mathring{n} (uni0235)	628: \mathring{N} (uni0274)
377: \mathring{Z} (Zacute)	440: \mathring{z} (uni01B8)	503: \mathring{P} (uni01F7)	566: \mathring{t} (uni0236)	629: \mathring{e} (uni0275)
378: \mathring{z} (zacute)	441: \mathring{z} (uni01B9)	504: \mathring{N} (uni01F8)	567: \mathring{j} (uni0237)	630: \mathring{e} (uni0276)
379: \mathring{Z} (Zdotaccent)	442: \mathring{z} (uni01BA)	505: \mathring{n} (uni01F9)	568: \mathring{b} (uni0238)	631: \mathring{e} (uni0277)
380: \mathring{z} (zdotaccent)	443: \mathring{z} (uni01BB)	506: \mathring{A} (Aringacute)	569: \mathring{p} (uni0239)	632: \mathring{f} (uni0278)
381: \mathring{Z} (Zcaron)	444: \mathfrak{z} (uni01BC)	507: \mathring{a} (aringacute)	570: \mathring{A} (uni023A)	633: \mathring{l} (uni0279)
382: \mathring{z} (zcaron)	445: \mathfrak{z} (uni01BD)	508: \mathring{A} (AEacute)	571: \mathring{C} (uni023B)	634: \mathring{l} (uni027A)
383: \mathring{f} (longs)	446: \mathring{s} (uni01BE)	509: \mathring{a} (aeacute)	572: \mathring{e} (uni023C)	635: \mathring{l} (uni027B)
384: \mathring{b} (uni0180)	447: \mathring{p} (uni01BF)	510: \mathring{O} (Oslashacute)	573: \mathring{L} (uni023D)	636: \mathring{l} (uni027C)
385: \mathring{B} (uni0181)	448: \mathring{l} (uni01C0)	511: \mathring{o} (oslashacute)	574: \mathring{T} (uni023E)	637: \mathring{l} (uni027D)
386: \mathring{B} (uni0182)	449: \mathring{l} (uni01C1)	512: \mathring{A} (uni0200)	575: \mathring{s} (uni023F)	638: \mathring{r} (uni027E)
387: \mathring{B} (uni0183)	450: \mathring{t} (uni01C2)	513: \mathring{a} (uni0201)	576: \mathring{z} (uni0240)	639: \mathring{l} (uni027F)
388: \mathring{b} (uni0184)	451: \mathring{l} (uni01C3)	514: \mathring{A} (uni0202)	577: \mathring{z} (uni0241)	640: \mathring{R} (uni0280)
389: \mathring{b} (uni0185)	452: \mathring{DZ} (uni01C4)	515: \mathring{a} (uni0203)	578: \mathring{z} (uni0242)	641: \mathring{R} (uni0281)
390: \mathring{C} (uni0186)	453: \mathring{Dz} (uni01C5)	516: \mathring{E} (uni0204)	579: \mathring{B} (uni0243)	642: \mathring{s} (uni0282)
391: \mathring{C} (uni0187)	454: \mathring{dZ} (uni01C6)	517: \mathring{e} (uni0205)	580: \mathring{U} (uni0244)	643: \mathring{f} (uni0283)
392: \mathring{c} (uni0188)	455: \mathring{LJ} (uni01C7)	518: \mathring{E} (uni0206)	581: $\mathring{\Lambda}$ (uni0245)	644: \mathring{f} (uni0284)
393: \mathring{D} (uni0189)	456: \mathring{Lj} (uni01C8)	519: \mathring{e} (uni0207)	582: \mathring{E} (uni0246)	645: \mathring{l} (uni0285)
394: \mathring{D} (uni018A)	457: $\mathring{l}j$ (uni01C9)	520: \mathring{I} (uni0208)	583: \mathring{e} (uni0247)	646: \mathring{f} (uni0286)
395: \mathring{D} (uni018B)	458: \mathring{NJ} (uni01CA)	521: \mathring{i} (uni0209)	584: \mathring{f} (uni0248)	647: \mathring{l} (uni0287)
396: \mathring{d} (uni018C)	459: \mathring{Nj} (uni01CB)	522: \mathring{I} (uni020A)	585: \mathring{j} (uni0249)	648: \mathring{t} (uni0288)
397: \mathring{q} (uni018D)	460: $\mathring{n}j$ (uni01CC)	523: \mathring{i} (uni020B)	586: \mathring{Q} (uni024A)	649: \mathring{t} (uni0289)
398: \mathring{E} (uni018E)	461: \mathring{A} (uni01CD)	524: \mathring{O} (uni020C)	587: \mathring{q} (uni024B)	650: \mathring{v} (uni028A)
399: \mathring{E} (uni018F)	462: \mathring{a} (uni01CE)	525: \mathring{o} (uni020D)	588: \mathring{R} (uni024C)	651: \mathring{v} (uni028B)
400: \mathring{E} (uni0190)	463: \mathring{I} (uni01CF)	526: \mathring{O} (uni020E)	589: \mathring{r} (uni024D)	652: $\mathring{\Lambda}$ (uni028C)
401: \mathring{F} (uni0191)	464: \mathring{i} (uni01D0)	527: \mathring{o} (uni020F)	590: \mathring{Y} (uni024E)	653: $\mathring{\Lambda}$ (uni028D)
402: \mathring{f} (florin)	465: \mathring{O} (uni01D1)	528: \mathring{R} (uni0210)	591: \mathring{y} (uni024F)	654: $\mathring{\Lambda}$ (uni028E)

655: Y (uni028F)	718: ˘ (uni02CE)	786: ˆ (uni0312)	850: ˆ (uni0352)	928: Π (Pi)
656: Z (uni0290)	719: ˘ (uni02CF)	787: ˙ (uni0313)	851: ˘ (uni0353)	929: Ρ (Rho)
657: Z (uni0291)	720: ˙ (uni02D0)	788: ˆ (uni0314)	852: ˘ (uni0354)	931: Σ (Sigma)
658: Z (uni0292)	721: ˙ (uni02D1)	789: ˙ (uni0315)	853: ˘ (uni0355)	932: Τ (Tau)
659: Z (uni0293)	722: ˘ (uni02D2)	790: ˘ (uni0316)	854: ˘ (uni0356)	933: Υ (Upsilon)
660: Z (uni0294)	723: ˘ (uni02D3)	791: ˘ (uni0317)	855: ˙ (uni0357)	934: Φ (Phi)
661: Y (uni0295)	724: ˘ (uni02D4)	792: ˘ (uni0318)	856: ˙ (uni0358)	935: Χ (Chi)
662: J (uni0296)	725: ˘ (uni02D5)	793: ˘ (uni0319)	857: ˘ (uni0359)	936: Ψ (Psi)
663: C (uni0297)	726: ˘ (uni02D6)	794: ˘ (uni031A)	858: ˘ (uni035A)	937: Ω (uni03A9)
664: O (uni0298)	727: ˘ (uni02D7)	795: ˙ (uni031B)	859: ˙ (uni035B)	938: Ī (Iotadieresis)
665: B (uni0299)	728: ˘ (breve)	796: ˘ (uni031C)	860: ˘ (uni035C)	939: Ÿ (Upsilondieresis)
666: O (uni029A)	729: ˘ (dotaccent)	797: ˘ (uni031D)	861: ˘ (uni035D)	940: ά (alphatonos)
667: G (uni029B)	730: ˆ (ring)	798: ˘ (uni031E)	862: ˘ (uni035E)	941: é (epsilontonos)
668: H (uni029C)	731: ˘ (ogonek)	799: ˘ (uni031F)	863: ˘ (uni035F)	942: ή (etatonos)
669: j (uni029D)	732: ˘ (tilde)	800: ˘ (uni0320)	864: ˘ (uni0360)	943: í (iotatonos)
670: X (uni029E)	733: ˘ (hungarumlaut)	801: ˘ (uni0321)	865: ˘ (uni0361)	944: Ū (upsilondieresis-tonos)
671: L (uni029F)	734: ˘ (uni02DE)	802: ˘ (uni0322)	866: ˘ (uni0362)	945: α (alpha)
672: Q (uni02A0)	735: ˘ (uni02DF)	803: ˘ (dotbelowcomb)	867: ˘ (uni0363)	946: β (beta)
673: Z (uni02A1)	736: ˘ (uni02E0)	804: ˘ (uni0324)	868: ˙ (uni0364)	947: γ (gamma)
674: F (uni02A2)	737: ˘ (uni02E1)	805: ˘ (uni0325)	869: ˙ (uni0365)	948: δ (delta)
675: dz (uni02A3)	738: ˘ (uni02E2)	806: ˘ (uni0326)	870: ˙ (uni0366)	949: ε (epsilon)
676: dz (uni02A4)	739: ˘ (uni02E3)	807: ˘ (uni0327)	871: ˙ (uni0367)	950: ζ (zeta)
677: dz (uni02A5)	740: ˘ (uni02E4)	808: ˘ (uni0328)	872: ˙ (uni0368)	951: η (eta)
678: ts (uni02A6)	746: ˘ (uni02EA)	809: ˘ (uni0329)	873: ˙ (uni0369)	952: θ (theta)
679: ff (uni02A7)	747: ˘ (uni02EB)	810: ˘ (uni032A)	874: ˙ (uni036A)	953: ι (iota)
680: tp (uni02A8)	748: ˘ (uni02EC)	811: ˘ (uni032B)	875: ˙ (uni036B)	954: κ (kappa)
681: ffj (uni02A9)	749: ˘ (uni02ED)	812: ˘ (uni032C)	876: ˙ (uni036C)	955: λ (lambda)
682: ls (uni02AA)	750: ˘ (uni02EE)	813: ˘ (uni032D)	877: ˙ (uni036D)	956: μ (uni03BC)
683: lz (uni02AB)	751: ˘ (uni02EF)	814: ˘ (uni032E)	878: ˙ (uni036E)	957: ν (nu)
684: w (uni02AC)	752: ˘ (uni02F0)	815: ˘ (uni032F)	879: ˙ (uni036F)	958: ξ (xi)
685: ɳ (uni02AD)	753: ˘ (uni02F1)	816: ˘ (uni0330)	884: ˙ (uni0374)	959: ο (omicron)
686: u (uni02AE)	754: ˘ (uni02F2)	817: ˘ (uni0331)	885: ˙ (uni0375)	960: π (pi)
687: u (uni02AF)	755: ˘ (uni02F3)	818: ˘ (uni0332)	890: ˘ (uni037A)	961: ρ (rho)
688: ˆ (uni02B0)	756: ˘ (uni02F4)	819: ˘ (uni0333)	891: ɔ (uni037B)	962: ς (uni03C2)
689: ˆ (uni02B1)	757: ˘ (uni02F5)	820: ˘ (uni0334)	892: € (uni037C)	963: σ (sigma)
690: ˆ (uni02B2)	758: ˘ (uni02F6)	821: ˘ (uni0335)	893: ɔ (uni037D)	964: τ (tau)
691: ˆ (uni02B3)	759: ˘ (uni02F7)	822: ˘ (uni0336)	894: ; (uni037E)	965: υ (upsilon)
692: ˆ (uni02B4)	760: ˘ (uni02F8)	823: ˘ (uni0337)	900: ˙ (tonos)	966: φ (phi)
693: ˆ (uni02B5)	761: ˘ (uni02F9)	824: ˘ (uni0338)	901: ˘ (dieresis-tonos)	967: χ (chi)
694: ˆ (uni02B6)	762: ˘ (uni02FA)	825: ˘ (uni0339)	902: Ά (Alphatonos)	968: ψ (psi)
695: ˆ (uni02B7)	763: ˘ (uni02FB)	826: ˘ (uni033A)	903: ˘ (anoteleia)	969: ω (omega)
696: ˆ (uni02B8)	764: ˘ (uni02FC)	827: ˘ (uni033B)	904: Έ (Epsilontonos)	970: İ (iotadieresis)
697: ˘ (uni02B9)	765: ˘ (uni02FD)	828: ˘ (uni033C)	905: Η (Etatonos)	971: ü (upsilondieresis)
698: ˘ (uni02BA)	766: ˘ (uni02FE)	829: ˘ (uni033D)	906: Ī (Iotatonos)	972: ó (omicrontonos)
699: ˘ (uni02BB)	767: ˘ (uni02FF)	830: ˙ (uni033E)	908: Ό (Omicrontonos)	973: ú (upsilontonos)
700: ˘ (uni02BC)	768: ˘ (gravecomb)	831: ˘ (uni033F)	910: Ύ (Upsilontonos)	974: ó (omegatonos)
701: ˘ (uni02BD)	769: ˘ (acutecomb)	832: ˘ (uni0340)	911: Ω (Omegetonos)	976: β (uni03D0)
702: ˘ (uni02BE)	770: ˘ (uni0302)	833: ˘ (uni0341)	912: ĩ (iotadieresis-tonos)	977: ϑ (uni03D1)
703: ˘ (uni02BF)	771: ˘ (tildecomb)	834: ˘ (uni0342)	913: Α (Alpha)	978: Υ (uni03D2)
704: ˘ (uni02C0)	772: ˘ (uni0304)	835: ˘ (uni0343)	914: Β (Beta)	979: Ύ (uni03D3)
705: ˘ (uni02C1)	773: ˘ (uni0305)	836: ˘ (uni0344)	915: Γ (Gamma)	980: Ÿ (uni03D4)
706: ˘ (uni02C2)	774: ˘ (uni0306)	837: ˘ (uni0345)	916: Δ (uni0394)	981: φ (uni03D5)
707: ˘ (uni02C3)	775: ˘ (uni0307)	838: ˘ (uni0346)	917: Ε (Epsilon)	982: ω (uni03D6)
708: ˘ (uni02C4)	776: ˘ (uni0308)	839: ˘ (uni0347)	918: Ζ (Zeta)	983: χ (uni03D7)
709: ˘ (uni02C5)	777: ˘ (hookabovecomb)	840: ˘ (uni0348)	919: Η (Eta)	984: Q (uni03D8)
710: ˘ (circumflex)	778: ˘ (uni030A)	841: ˘ (uni0349)	920: Θ (Theta)	985: ρ (uni03D9)
711: ˘ (caron)	779: ˘ (uni030B)	842: ˘ (uni034A)	921: Ι (Iota)	986: ς (uni03DA)
712: ˘ (uni02C8)	780: ˘ (uni030C)	843: ˘ (uni034B)	922: Κ (Kappa)	987: ς (uni03DB)
713: ˘ (uni02C9)	781: ˘ (uni030D)	844: ˘ (uni034C)	923: Λ (Lambda)	988: F (uni03DC)
714: ˘ (uni02CA)	782: ˘ (uni030E)	845: ˘ (uni034D)	924: Μ (Mu)	989: F (uni03DD)
715: ˘ (uni02CB)	783: ˘ (uni030F)	846: ˘ (uni034E)	925: Ν (Nu)	990: ˘ (uni03DE)
716: ˘ (uni02CC)	784: ˘ (uni0310)	848: ˘ (uni0350)	926: Ξ (Xi)	991: ˘ (uni03DF)
717: ˘ (uni02CD)	785: ˘ (uni0311)	849: ˘ (uni0351)	927: Ο (Omicron)	992: Ϸ (uni03E0)

993: 𐤁 (uni03E1)	1073: 𐤁 (uni0431)	1136: 𐤂 (uni0470)	1214: 𐤃 (uni04BE)	1464: 𐤄 (uni05B8)
1008: 𐤂 (uni03F0)	1074: 𐤂 (uni0432)	1137: 𐤃 (uni0471)	1215: 𐤄 (uni04BF)	1465: 𐤅 (uni05B9)
1009: 𐤃 (uni03F1)	1075: 𐤃 (uni0433)	1138: 𐤄 (uni0472)	1216: 𐤅 (uni04C0)	1466: 𐤆 (uni05BA)
1010: 𐤄 (uni03F2)	1076: 𐤄 (uni0434)	1139: 𐤅 (uni0473)	1217: 𐤆 (uni04C1)	1467: 𐤇 (uni05BB)
1011: 𐤅 (uni03F3)	1077: 𐤅 (uni0435)	1140: 𐤆 (uni0474)	1218: 𐤇 (uni04C2)	1468: 𐤈 (uni05BC)
1012: 𐤆 (uni03F4)	1078: 𐤆 (uni0436)	1141: 𐤇 (uni0475)	1219: 𐤈 (uni04C3)	1469: 𐤉 (uni05BD)
1013: 𐤇 (uni03F5)	1079: 𐤇 (uni0437)	1142: 𐤈 (uni0476)	1220: 𐤉 (uni04C4)	1470: 𐤊 (uni05BE)
1014: 𐤈 (uni03F6)	1080: 𐤈 (uni0438)	1143: 𐤉 (uni0477)	1223: 𐤊 (uni04C7)	1471: 𐤋 (uni05BF)
1016: 𐤉 (uni03F8)	1081: 𐤉 (uni0439)	1148: 𐤊 (uni047C)	1224: 𐤋 (uni04C8)	1472: 𐤌 (uni05C0)
1017: 𐤊 (uni03F9)	1082: 𐤊 (uni043A)	1149: 𐤋 (uni047D)	1225: 𐤌 (uni04C9)	1473: 𐤍 (uni05C1)
1019: 𐤋 (uni03FB)	1083: 𐤋 (uni043B)	1150: 𐤌 (uni047E)	1226: 𐤍 (uni04CA)	1474: 𐤎 (uni05C2)
1021: 𐤌 (uni03FD)	1084: 𐤌 (uni043C)	1151: 𐤍 (uni047F)	1227: 𐤎 (uni04CB)	1475: 𐤏 (uni05C3)
1022: 𐤍 (uni03FE)	1085: 𐤍 (uni043D)	1155: 𐤎 (uni0483)	1228: 𐤏 (uni04CC)	1478: 𐤐 (uni05C6)
1023: 𐤎 (uni03FF)	1086: 𐤎 (uni043E)	1164: 𐤏 (uni048C)	1232: 𐤑 (uni04D0)	1488: 𐤒 (uni05D0)
1024: 𐤏 (uni0400)	1087: 𐤏 (uni043F)	1165: 𐤐 (uni048D)	1233: 𐤒 (uni04D1)	1489: 𐤓 (uni05D1)
1025: 𐤐 (uni0401)	1088: 𐤐 (uni0440)	1166: 𐤑 (uni048E)	1234: 𐤓 (uni04D2)	1490: 𐤔 (uni05D2)
1026: 𐤑 (uni0402)	1089: 𐤑 (uni0441)	1167: 𐤒 (uni048F)	1235: 𐤔 (uni04D3)	1491: 𐤕 (uni05D3)
1027: 𐤒 (uni0403)	1090: 𐤒 (uni0442)	1168: 𐤓 (uni0490)	1236: 𐤕 (uni04D4)	1492: 𐤖 (uni05D4)
1028: 𐤓 (uni0404)	1091: 𐤓 (uni0443)	1169: 𐤔 (uni0491)	1237: 𐤖 (uni04D5)	1493: 𐤗 (uni05D5)
1029: 𐤔 (uni0405)	1092: 𐤔 (uni0444)	1170: 𐤕 (uni0492)	1238: 𐤗 (uni04D6)	1494: 𐤘 (uni05D6)
1030: 𐤕 (uni0406)	1093: 𐤕 (uni0445)	1171: 𐤖 (uni0493)	1239: 𐤘 (uni04D7)	1495: 𐤙 (uni05D7)
1031: 𐤖 (uni0407)	1094: 𐤖 (uni0446)	1172: 𐤗 (uni0494)	1240: 𐤙 (uni04D8)	1496: 𐤚 (uni05D8)
1032: 𐤗 (uni0408)	1095: 𐤗 (uni0447)	1173: 𐤘 (uni0495)	1241: 𐤚 (uni04D9)	1497: 𐤛 (uni05D9)
1033: 𐤘 (uni0409)	1096: 𐤘 (uni0448)	1174: 𐤙 (uni0496)	1242: 𐤛 (uni04DA)	1498: 𐤜 (uni05DA)
1034: 𐤙 (uni040A)	1097: 𐤙 (uni0449)	1175: 𐤚 (uni0497)	1243: 𐤜 (uni04DB)	1499: 𐤝 (uni05DB)
1035: 𐤚 (uni040B)	1098: 𐤚 (uni044A)	1176: 𐤛 (uni0498)	1244: 𐤝 (uni04DC)	1500: 𐤞 (uni05DC)
1036: 𐤛 (uni040C)	1099: 𐤛 (uni044B)	1177: 𐤜 (uni0499)	1245: 𐤞 (uni04DD)	1501: 𐤟 (uni05DD)
1037: 𐤜 (uni040D)	1100: 𐤜 (uni044C)	1178: 𐤝 (uni049A)	1246: 𐤟 (uni04DE)	1502: 𐤠 (uni05DE)
1038: 𐤝 (uni040E)	1101: 𐤝 (uni044D)	1179: 𐤞 (uni049B)	1247: 𐤠 (uni04DF)	1503: 𐤡 (uni05DF)
1039: 𐤞 (uni040F)	1102: 𐤞 (uni044E)	1180: 𐤟 (uni049C)	1248: 𐤡 (uni04E0)	1504: 𐤢 (uni05E0)
1040: 𐤟 (uni0410)	1103: 𐤟 (uni044F)	1181: 𐤠 (uni049D)	1249: 𐤢 (uni04E1)	1505: 𐤣 (uni05E1)
1041: 𐤠 (uni0411)	1104: 𐤠 (uni0450)	1182: 𐤡 (uni049E)	1250: 𐤣 (uni04E2)	1506: 𐤤 (uni05E2)
1042: 𐤡 (uni0412)	1105: 𐤡 (uni0451)	1183: 𐤢 (uni049F)	1251: 𐤤 (uni04E3)	1507: 𐤥 (uni05E3)
1043: 𐤢 (uni0413)	1106: 𐤢 (uni0452)	1184: 𐤣 (uni04A0)	1252: 𐤥 (uni04E4)	1508: 𐤦 (uni05E4)
1044: 𐤣 (uni0414)	1107: 𐤣 (uni0453)	1185: 𐤤 (uni04A1)	1253: 𐤦 (uni04E5)	1509: 𐤧 (uni05E5)
1045: 𐤤 (uni0415)	1108: 𐤤 (uni0454)	1186: 𐤥 (uni04A2)	1254: 𐤧 (uni04E6)	1510: 𐤨 (uni05E6)
1046: 𐤥 (uni0416)	1109: 𐤥 (uni0455)	1187: 𐤦 (uni04A3)	1255: 𐤨 (uni04E7)	1511: 𐤩 (uni05E7)
1047: 𐤦 (uni0417)	1110: 𐤦 (uni0456)	1188: 𐤧 (uni04A4)	1256: 𐤩 (uni04E8)	1512: 𐤪 (uni05E8)
1048: 𐤧 (uni0418)	1111: 𐤧 (uni0457)	1189: 𐤨 (uni04A5)	1257: 𐤪 (uni04E9)	1513: 𐤫 (uni05E9)
1049: 𐤨 (uni0419)	1112: 𐤧 (uni0458)	1190: 𐤩 (uni04A6)	1258: 𐤫 (uni04EA)	1514: 𐤬 (uni05EA)
1050: 𐤩 (uni041A)	1113: 𐤨 (uni0459)	1191: 𐤪 (uni04A7)	1259: 𐤬 (uni04EB)	1520: 𐤭 (uni05F0)
1051: 𐤪 (uni041B)	1114: 𐤨 (uni045A)	1192: 𐤫 (uni04A8)	1260: 𐤭 (uni04EC)	1521: 𐤮 (uni05F1)
1052: 𐤫 (uni041C)	1115: 𐤩 (uni045B)	1193: 𐤬 (uni04A9)	1261: 𐤮 (uni04ED)	1522: 𐤯 (uni05F2)
1053: 𐤬 (uni041D)	1116: 𐤩 (uni045C)	1194: 𐤭 (uni04AA)	1262: 𐤯 (uni04EE)	1523: 𐤰 (uni05F3)
1054: 𐤭 (uni041E)	1117: 𐤪 (uni045D)	1195: 𐤮 (uni04AB)	1263: 𐤰 (uni04EF)	1524: 𐤱 (uni05F4)
1055: 𐤮 (uni041F)	1118: 𐤪 (uni045E)	1196: 𐤯 (uni04AC)	1264: 𐤱 (uni04F0)	7445: 𐤲 (uni1D15)
1056: 𐤯 (uni0420)	1119: 𐤫 (uni045F)	1197: 𐤰 (uni04AD)	1265: 𐤲 (uni04F1)	7477: 𐤳 (uni1D35)
1057: 𐤰 (uni0421)	1120: 𐤬 (uni0460)	1198: 𐤱 (uni04AE)	1266: 𐤳 (uni04F2)	7491: 𐤴 (uni1D43)
1058: 𐤱 (uni0422)	1121: 𐤬 (uni0461)	1199: 𐤲 (uni04AF)	1267: 𐤴 (uni04F3)	7492: 𐤵 (uni1D44)
1059: 𐤲 (uni0423)	1122: 𐤭 (uni0462)	1200: 𐤳 (uni04B0)	1268: 𐤵 (uni04F4)	7493: 𐤶 (uni1D45)
1060: 𐤳 (uni0424)	1123: 𐤭 (uni0463)	1201: 𐤴 (uni04B1)	1269: 𐤶 (uni04F5)	7494: 𐤷 (uni1D46)
1061: 𐤴 (uni0425)	1124: 𐤮 (uni0464)	1202: 𐤵 (uni04B2)	1270: 𐤷 (uni04F6)	7495: 𐤸 (uni1D47)
1062: 𐤵 (uni0426)	1125: 𐤮 (uni0465)	1203: 𐤶 (uni04B3)	1271: 𐤸 (uni04F7)	7496: 𐤹 (uni1D48)
1063: 𐤶 (uni0427)	1126: 𐤯 (uni0466)	1204: 𐤷 (uni04B4)	1272: 𐤹 (uni04F8)	7497: 𐤺 (uni1D49)
1064: 𐤷 (uni0428)	1127: 𐤯 (uni0467)	1205: 𐤸 (uni04B5)	1273: 𐤻 (uni04F9)	7498: 𐤻 (uni1D4A)
1065: 𐤸 (uni0429)	1128: 𐤰 (uni0468)	1206: 𐤹 (uni04B6)	1456: 𐤼 (uni05B0)	7499: 𐤼 (uni1D4B)
1066: 𐤹 (uni042A)	1129: 𐤰 (uni0469)	1207: 𐤺 (uni04B7)	1457: 𐤽 (uni05B1)	7500: 𐤿 (uni1D4C)
1067: 𐤺 (uni042B)	1130: 𐤱 (uni046A)	1208: 𐤻 (uni04B8)	1458: 𐤾 (uni05B2)	7501: 𐀀 (uni1D4D)
1068: 𐤻 (uni042C)	1131: 𐤱 (uni046B)	1209: 𐤼 (uni04B9)	1459: 𐀁 (uni05B3)	7502: 𐀂 (uni1D4E)
1069: 𐤼 (uni042D)	1132: 𐤲 (uni046C)	1210: 𐤽 (uni04BA)	1460: 𐀂 (uni05B4)	7503: 𐀃 (uni1D4F)
1070: 𐤿 (uni042E)	1133: 𐤲 (uni046D)	1211: 𐀄 (uni04BB)	1461: 𐀃 (uni05B5)	7504: 𐀅 (uni1D50)
1071: 𐀀 (uni042F)	1134: 𐀄 (uni046E)	1212: 𐀅 (uni04BC)	1462: 𐀄 (uni05B6)	7505: 𐀆 (uni1D51)
1072: 𐀁 (uni0430)	1135: 𐀅 (uni046F)	1213: 𐀆 (uni04BD)	1463: 𐀅 (uni05B7)	7506: 𐀇 (uni1D52)

7507: \supset (uni1D53)	7719: Ħ (uni1E27)	7782: Š (uni1E66)	7845: ǻ (uni1EA5)	7908: Ū (uni1EE4)
7508: ˆ (uni1D54)	7720: Ĥ (uni1E28)	7783: š (uni1E67)	7846: Ǽ (uni1EA6)	7909: ū (uni1EE5)
7509: ˘ (uni1D55)	7721: ĥ (uni1E29)	7784: Ş (uni1E68)	7847: ǿ (uni1EA7)	7910: Ū (uni1EE6)
7510: ᵀ (uni1D56)	7722: Ĥ (uni1E2A)	7785: ş (uni1E69)	7848: Ǻ (uni1EA8)	7911: ŭ (uni1EE7)
7511: ˆ (uni1D57)	7723: ĥ (uni1E2B)	7786: Ṭ (uni1E6A)	7849: ǻ (uni1EA9)	7912: Ū (uni1EE8)
7512: ˆ (uni1D58)	7724: Ĭ (uni1E2C)	7787: ṭ (uni1E6B)	7850: Ǻ (uni1EAA)	7913: ú (uni1EE9)
7513: ᵀ (uni1D59)	7725: ĭ (uni1E2D)	7788: Ṭ (uni1E6C)	7851: ǻ (uni1EAB)	7914: Ū (uni1EEA)
7514: ᵀ (uni1D5A)	7726: Ĭ (uni1E2E)	7789: ṭ (uni1E6D)	7852: Ǻ (uni1EAC)	7915: ŭ (uni1EEB)
7515: ˘ (uni1D5B)	7727: ĭ (uni1E2F)	7790: Ṭ (uni1E6E)	7853: ǻ (uni1EAD)	7916: Ū (uni1EEC)
7516: ᵀ (uni1D5C)	7728: Ķ (uni1E30)	7791: ṭ (uni1E6F)	7854: Ǻ (uni1EAE)	7917: ŭ (uni1EED)
7517: ᵀ (uni1D5D)	7729: Ķ (uni1E31)	7792: Ṭ (uni1E70)	7855: ǻ (uni1EAF)	7918: Ū (uni1EEE)
7518: ˘ (uni1D5E)	7730: Ķ (uni1E32)	7793: ṭ (uni1E71)	7856: Ǻ (uni1EB0)	7919: ŭ (uni1EEF)
7519: ᵀ (uni1D5F)	7731: k (uni1E33)	7794: Ū (uni1E72)	7857: ǻ (uni1EB1)	7920: Ū (uni1EF0)
7522: ᵀ (uni1D62)	7732: Ķ (uni1E34)	7795: u (uni1E73)	7858: Ǻ (uni1EB2)	7921: ŭ (uni1EF1)
7523: ᵀ (uni1D63)	7733: k (uni1E35)	7796: Ū (uni1E74)	7859: ǻ (uni1EB3)	7922: Ÿ (Ygrave)
7524: u (uni1D64)	7734: Ĭ (uni1E36)	7797: u (uni1E75)	7860: Ǻ (uni1EB4)	7923: ŷ (ygrave)
7525: ˘ (uni1D65)	7735: Ĭ (uni1E37)	7798: Ū (uni1E76)	7861: ǻ (uni1EB5)	7924: Ÿ (uni1EF4)
7526: ᵀ (uni1D66)	7736: Ĭ (uni1E38)	7799: u (uni1E77)	7862: Ǻ (uni1EB6)	7925: ŷ (uni1EF5)
7527: ˘ (uni1D67)	7737: Ĭ (uni1E39)	7800: Ū (uni1E78)	7863: ǻ (uni1EB7)	7926: Ÿ (uni1EF6)
7580: ᶜ (uni1D9C)	7738: Ĭ (uni1E3A)	7801: ŭ (uni1E79)	7864: Ē (uni1EB8)	7927: ŷ (uni1EF7)
7584: ᶜ (uni1DA0)	7739: Ĭ (uni1E3B)	7802: Ū (uni1E7A)	7865: ē (uni1EB9)	7928: Ÿ (uni1EF8)
7588: ᶜ (uni1DA4)	7740: Ĭ (uni1E3C)	7803: ŭ (uni1E7B)	7866: Ē (uni1EBA)	7929: ŷ (uni1EF9)
7606: ᵀ (uni1DB6)	7741: Ĭ (uni1E3D)	7804: Ū (uni1E7C)	7867: ē (uni1EBB)	7930: ĬL (uni1EFA)
7611: ᶜ (uni1DBB)	7742: Ṁ (uni1E3E)	7805: Ū (uni1E7D)	7868: Ē (uni1EBC)	7931: Ĭ (uni1EFB)
7680: Ḃ (uni1E00)	7743: ṁ (uni1E3F)	7806: Ū (uni1E7E)	7869: ē (uni1EBD)	7932: Ḡ (uni1EFC)
7681: Ḃ (uni1E01)	7744: Ṁ (uni1E40)	7807: Ū (uni1E7F)	7870: Ē (uni1EBE)	7933: Ḡ (uni1EFD)
7682: Ḃ (uni1E02)	7745: ṁ (uni1E41)	7808: Ū (Wgrave)	7871: ē (uni1EBF)	7934: Ÿ (uni1EFE)
7683: Ḃ (uni1E03)	7746: Ṁ (uni1E42)	7809: ŵ (wgrave)	7872: ē (uni1EC0)	7935: ŷ (uni1EFF)
7684: Ḃ (uni1E04)	7747: ṁ (uni1E43)	7810: Ū (Wacute)	7873: ē (uni1EC1)	7936: ǻ (uni1F00)
7685: Ḃ (uni1E05)	7748: Ṁ (uni1E44)	7811: ŵ (wacute)	7874: ē (uni1EC2)	7937: ǻ (uni1F01)
7686: Ḃ (uni1E06)	7749: ṁ (uni1E45)	7812: Ū (Wdieresis)	7875: ē (uni1EC3)	7938: ǻ (uni1F02)
7687: Ḃ (uni1E07)	7750: Ṁ (uni1E46)	7813: ŵ (wdieresis)	7876: ē (uni1EC4)	7939: ǻ (uni1F03)
7688: Ḃ (uni1E08)	7751: ṁ (uni1E47)	7814: Ū (uni1E86)	7877: ē (uni1EC5)	7940: ǻ (uni1F04)
7689: Ḃ (uni1E09)	7752: Ṁ (uni1E48)	7815: ŵ (uni1E87)	7878: Ē (uni1EC6)	7941: ǻ (uni1F05)
7690: Ḃ (uni1E0A)	7753: ṁ (uni1E49)	7816: Ū (uni1E88)	7879: ē (uni1EC7)	7942: ǻ (uni1F06)
7691: Ḃ (uni1E0B)	7754: Ṁ (uni1E4A)	7817: ŵ (uni1E89)	7880: Ĭ (uni1EC8)	7943: ǻ (uni1F07)
7692: Ḃ (uni1E0C)	7755: ṁ (uni1E4B)	7818: X (uni1E8A)	7881: ĭ (uni1EC9)	7944: Ǻ (uni1F08)
7693: Ḃ (uni1E0D)	7756: Ō (uni1E4C)	7819: x (uni1E8B)	7882: Ĭ (uni1ECA)	7945: Ǻ (uni1F09)
7694: Ḃ (uni1E0E)	7757: ó (uni1E4D)	7820: X (uni1E8C)	7883: ĭ (uni1ECB)	7946: Ǻ (uni1F0A)
7695: Ḃ (uni1E0F)	7758: Ō (uni1E4E)	7821: x (uni1E8D)	7884: Ō (uni1ECC)	7947: Ǻ (uni1F0B)
7696: Ḃ (uni1E10)	7759: ö (uni1E4F)	7822: Ÿ (uni1E8E)	7885: ō (uni1ECD)	7948: Ǻ (uni1F0C)
7697: Ḃ (uni1E11)	7760: Ō (uni1E50)	7823: ŷ (uni1E8F)	7886: Ō (uni1ECE)	7949: Ǻ (uni1F0D)
7698: Ḃ (uni1E12)	7761: ò (uni1E51)	7824: Ž (uni1E90)	7887: ò (uni1ECF)	7950: Ǻ (uni1F0E)
7699: Ḃ (uni1E13)	7762: Ō (uni1E52)	7825: ž (uni1E91)	7888: Ō (uni1ED0)	7951: Ǻ (uni1F0F)
7700: Ě (uni1E14)	7763: ó (uni1E53)	7826: Ž (uni1E92)	7889: Ō (uni1ED1)	7952: Ě (uni1F10)
7701: ě (uni1E15)	7764: Ṗ (uni1E54)	7827: z (uni1E93)	7890: Ō (uni1ED2)	7953: Ě (uni1F11)
7702: Ě (uni1E16)	7765: ṗ (uni1E55)	7828: Ž (uni1E94)	7891: ò (uni1ED3)	7954: Ě (uni1F12)
7703: ě (uni1E17)	7766: Ṗ (uni1E56)	7829: z (uni1E95)	7892: Ō (uni1ED4)	7955: Ě (uni1F13)
7704: Ě (uni1E18)	7767: ṗ (uni1E57)	7830: h (uni1E96)	7893: Ō (uni1ED5)	7956: Ě (uni1F14)
7705: ę (uni1E19)	7768: Ř (uni1E58)	7831: ĥ (uni1E97)	7894: Ō (uni1ED6)	7957: Ě (uni1F15)
7706: Ě (uni1E1A)	7769: ř (uni1E59)	7832: ŵ (uni1E98)	7895: Ō (uni1ED7)	7960: Ě (uni1F18)
7707: ę (uni1E1B)	7770: Ř (uni1E5A)	7833: ŷ (uni1E99)	7896: Ō (uni1ED8)	7961: Ě (uni1F19)
7708: Ě (uni1E1C)	7771: ř (uni1E5B)	7834: a (uni1E9A)	7897: ô (uni1ED9)	7962: Ě (uni1F1A)
7709: ę (uni1E1D)	7772: Ř (uni1E5C)	7835: á (uni1E9B)	7898: Ō (uni1EDA)	7963: Ě (uni1F1B)
7710: Ě (uni1E1E)	7773: ř (uni1E5D)	7836: f (uni1E9C)	7899: ó (uni1EDB)	7964: Ě (uni1F1C)
7711: Ě (uni1E1F)	7774: Ř (uni1E5E)	7837: f (uni1E9D)	7900: Ō (uni1EDC)	7965: Ě (uni1F1D)
7712: Ĝ (uni1E20)	7775: ř (uni1E5F)	7838: ß (Germandbls)	7901: ò (uni1EDD)	7968: ĥ (uni1F20)
7713: ĝ (uni1E21)	7776: Š (uni1E60)	7839: ð (uni1E9F)	7902: Ō (uni1EDE)	7969: ĥ (uni1F21)
7714: Ĥ (uni1E22)	7777: š (uni1E61)	7840: Ǻ (uni1EA0)	7903: ò (uni1EDF)	7970: ĥ (uni1F22)
7715: ĥ (uni1E23)	7778: Ş (uni1E62)	7841: a (uni1EA1)	7904: Ō (uni1EE0)	7971: ĥ (uni1F23)
7716: Ĥ (uni1E24)	7779: ş (uni1E63)	7842: Ǻ (uni1EA2)	7905: ö (uni1EE1)	7972: ĥ (uni1F24)
7717: ĥ (uni1E25)	7780: Š (uni1E64)	7843: ǻ (uni1EA3)	7906: Ō (uni1EE2)	7973: ĥ (uni1F25)
7718: Ĥ (uni1E26)	7781: š (uni1E65)	7844: Ǻ (uni1EA4)	7907: ō (uni1EE3)	7974: ĥ (uni1F26)

7975: ħ̇ (uni1F27)	8046: Ω̇ (uni1F6E)	8111: Ω̇t (uni1FAF)	8182: ̄ (uni1FF6)	8254: ˉ (uni203E)
7976: Ḣ (uni1F28)	8047: Ω̇ (uni1F6F)	8112: ǎ̇ (uni1FB0)	8183: ̄̇ (uni1FF7)	8258: ** (uni2042)
7977: Ḣ (uni1F29)	8048: ǎ̇ (uni1F70)	8113: ǎ̇ (uni1FB1)	8184: ̄ (uni1FF8)	8260: / (fraction)
7978: Ḣ (uni1F2A)	8049: ǎ̇ (uni1F71)	8114: ǎ̇ (uni1FB2)	8185: ̄ (uni1FF9)	8263: ?? (uni2047)
7979: Ḣ (uni1F2B)	8050: è̇ (uni1F72)	8115: ǎ̇ (uni1FB3)	8186: Ω̇ (uni1FFA)	8264: ?! (uni2048)
7980: Ḣ (uni1F2C)	8051: é̇ (uni1F73)	8116: ǎ̇ (uni1FB4)	8187: Ω̇ (uni1FFB)	8265: !? (uni2049)
7981: Ḣ (uni1F2D)	8052: ñ̇ (uni1F74)	8118: ǎ̇ (uni1FB6)	8188: Ω̇t (uni1FFC)	8266: 7 (uni204A)
7982: Ḣ (uni1F2E)	8053: ñ̇ (uni1F75)	8119: ǎ̇ (uni1FB7)	8189: ˘ (uni1FFD)	8267: P (uni204B)
7983: Ḣ (uni1F2F)	8054: ì̇ (uni1F76)	8120: ǎ̇ (uni1FB8)	8190: ˘ (uni1FFE)	8271: ˘ (uni204F)
7984: ì̇ (uni1F30)	8055: í̇ (uni1F77)	8121: ǎ̇ (uni1FB9)	8192: (uni2000)	8304: ˚ (uni2070)
7985: ì̇ (uni1F31)	8056: ò̇ (uni1F78)	8122: ǎ̇ (uni1FBA)	8193: (uni2001)	8305: ˚ (uni2071)
7986: ì̇ (uni1F32)	8057: ó̇ (uni1F79)	8123: ǎ̇ (uni1FBB)	8194: (uni2002)	8308: ˚ (uni2074)
7987: ì̇ (uni1F33)	8058: ù̇ (uni1F7A)	8124: A _t (uni1FBC)	8195: (uni2003)	8309: ˚ (uni2075)
7988: ì̇ (uni1F34)	8059: ú̇ (uni1F7B)	8125: ˘ (uni1FBD)	8196: (uni2004)	8310: ˚ (uni2076)
7989: ì̇ (uni1F35)	8060: ò̇ (uni1F7C)	8126: t (uni1FBE)	8197: (uni2005)	8311: ˚ (uni2077)
7990: ì̇ (uni1F36)	8061: ó̇ (uni1F7D)	8127: ˘ (uni1FBF)	8198: (uni2006)	8312: ˚ (uni2078)
7991: ì̇ (uni1F37)	8064: ǎ̇ (uni1F80)	8128: ˘ (uni1FC0)	8199: (uni2007)	8313: ˚ (uni2079)
7992: İ (uni1F38)	8065: ǎ̇ (uni1F81)	8129: ˘ (uni1FC1)	8200: (uni2008)	8314: + (uni207A)
7993: İ (uni1F39)	8066: ǎ̇ (uni1F82)	8130: ñ̇ (uni1FC2)	8201: (uni2009)	8315: ˘ (uni207B)
7994: İ (uni1F3A)	8067: ǎ̇ (uni1F83)	8131: ñ̇ (uni1FC3)	8202: (uni200A)	8316: ˘ (uni207C)
7995: İ (uni1F3B)	8068: ǎ̇ (uni1F84)	8132: ñ̇ (uni1FC4)	8203: (uni200B)	8317: ˘ (uni207D)
7996: İ (uni1F3C)	8069: ǎ̇ (uni1F85)	8134: ñ̇ (uni1FC6)	8204: (uni200C)	8318: ˘ (uni207E)
7997: İ (uni1F3D)	8070: ǎ̇ (uni1F86)	8135: ñ̇ (uni1FC7)	8205: (uni200D)	8319: ˚ (uni207F)
7998: İ (uni1F3E)	8071: ǎ̇ (uni1F87)	8136: Ė (uni1FC8)	8206: (uni200E)	8320: ˚ (uni2080)
7999: İ (uni1F3F)	8072: A _t (uni1F88)	8137: Ė (uni1FC9)	8207: (uni200F)	8321: ˚ (uni2081)
8000: ò̇ (uni1F40)	8073: A _t (uni1F89)	8138: Ḣ (uni1FCA)	8208: - (uni2010)	8322: ˚ (uni2082)
8001: ó̇ (uni1F41)	8074: A _t (uni1F8A)	8139: Ḣ (uni1FCB)	8209: - (uni2011)	8323: ˚ (uni2083)
8002: ò̇ (uni1F42)	8075: A _t (uni1F8B)	8140: Ḣ (uni1FCC)	8210: - (figuredash)	8324: ˚ (uni2084)
8003: ò̇ (uni1F43)	8076: A _t (uni1F8C)	8141: ˘ (uni1FCD)	8211: - (endash)	8325: ˚ (uni2085)
8004: ò̇ (uni1F44)	8077: A _t (uni1F8D)	8142: ˘ (uni1FCE)	8212: — (emdash)	8326: ˚ (uni2086)
8005: ò̇ (uni1F45)	8078: A _t (uni1F8E)	8143: ˘ (uni1FCF)	8213: — (uni2015)	8327: ˚ (uni2087)
8008: Ȯ (uni1F48)	8079: A _t (uni1F8F)	8144: ı̇ (uni1FD0)	8214: (uni2016)	8328: ˚ (uni2088)
8009: Ȯ (uni1F49)	8080: ñ̇ (uni1F90)	8145: ı̇ (uni1FD1)	8215: = (underscoredbl)	8329: ˚ (uni2089)
8010: Ȯ (uni1F4A)	8081: ñ̇ (uni1F91)	8146: ı̇ (uni1FD2)	8216: ˘ (quoteleft)	8330: + (uni208A)
8011: Ȯ (uni1F4B)	8082: ñ̇ (uni1F92)	8147: ı̇ (uni1FD3)	8217: ˘ (quoteright)	8331: - (uni208B)
8012: Ȯ (uni1F4C)	8083: ñ̇ (uni1F93)	8150: ı̇ (uni1FD6)	8218: , (quotesinglbase)	8332: = (uni208C)
8013: Ȯ (uni1F4D)	8084: ñ̇ (uni1F94)	8151: ı̇ (uni1FD7)	8219: ˘ (quotereversed)	8333: ˘ (uni208D)
8016: ù̇ (uni1F50)	8085: ñ̇ (uni1F95)	8152: ı̇ (uni1FD8)	8220: “ (quotedblleft)	8334: ˘ (uni208E)
8017: ù̇ (uni1F51)	8086: ñ̇ (uni1F96)	8153: ı̇ (uni1FD9)	8221: ” (quotedblright)	8336: a (uni2090)
8018: ù̇ (uni1F52)	8087: ñ̇ (uni1F97)	8154: ı̇ (uni1FDA)	8222: „ (quotedblbase)	8337: e (uni2091)
8019: ù̇ (uni1F53)	8088: Ḣ (uni1F98)	8155: ı̇ (uni1FDB)	8223: “ (uni201F)	8338: o (uni2092)
8020: ù̇ (uni1F54)	8089: Ḣ (uni1F99)	8157: ˘ (uni1FDD)	8224: † (dagger)	8339: x (uni2093)
8021: ù̇ (uni1F55)	8090: Ḣ (uni1F9A)	8158: ˘ (uni1FDE)	8225: ‡ (daggerdbl)	8340: a (uni2094)
8022: ù̇ (uni1F56)	8091: Ḣ (uni1F9B)	8159: ˘ (uni1FDF)	8226: • (bullet)	8341: h (uni2095)
8023: ù̇ (uni1F57)	8092: Ḣ (uni1F9C)	8160: ù̇ (uni1FE0)	8227: ► (uni2023)	8342: k (uni2096)
8025: Ẏ (uni1F59)	8093: Ḣ (uni1F9D)	8161: ù̇ (uni1FE1)	8228: . (onedotenleader)	8343: l (uni2097)
8027: Ẏ (uni1F5B)	8094: Ḣ (uni1F9E)	8162: ù̇ (uni1FE2)	8229: .. (twodotenleader)	8344: m (uni2098)
8029: Ẏ (uni1F5D)	8095: Ḣ (uni1F9F)	8163: ú̇ (uni1FE3)	8230: ... (ellipsis)	8345: n (uni2099)
8031: Ẏ (uni1F5F)	8096: ̇ (uni1FA0)	8164: ̇ (uni1FE4)	8231: • (uni2027)	8346: p (uni209A)
8032: ̇ (uni1F60)	8097: ̇ (uni1FA1)	8165: ̇ (uni1FE5)	8239: (uni202F)	8347: s (uni209B)
8033: ̇ (uni1F61)	8098: ̇ (uni1FA2)	8166: ̇ (uni1FE6)	8240: ‰ (perthousand)	8348: t (uni209C)
8034: ̇ (uni1F62)	8099: ̇ (uni1FA3)	8167: ̇ (uni1FE7)	8241: ‰ (uni2031)	8354: ₣ (uni20A2)
8035: ̇ (uni1F63)	8100: ̇ (uni1FA4)	8168: Ẏ (uni1FE8)	8242: ˘ (minute)	8355: ₣ (franc)
8036: ̇ (uni1F64)	8101: ̇ (uni1FA5)	8169: Ẏ (uni1FE9)	8243: ˘ (second)	8356: ₣ (lira)
8037: ̇ (uni1F65)	8102: ̇ (uni1FA6)	8170: Ẏ (uni1FEA)	8244: ˘ (uni2034)	8359: ₣ (peseta)
8038: ̇ (uni1F66)	8103: ̇ (uni1FA7)	8171: Ẏ (uni1FEB)	8245: ˘ (uni2035)	8360: ₣ (uni20A8)
8039: ̇ (uni1F67)	8104: Ω̇t (uni1FA8)	8172: Ṗ (uni1FEC)	8246: ˘ (uni2036)	8363: đ (dong)
8040: Ω̇ (uni1F68)	8105: Ω̇t (uni1FA9)	8173: ˘ (uni1FED)	8247: ˘ (uni2037)	8364: € (Euro)
8041: Ω̇ (uni1F69)	8106: Ω̇t (uni1FAA)	8174: ˘ (uni1FEE)	8249: < (guilsinglleft)	8367: ₣ (uni20AF)
8042: Ω̇ (uni1F6A)	8107: Ω̇t (uni1FAB)	8175: ˘ (uni1FEF)	8250: > (guilsinglright)	8369: ₣ (uni20B1)
8043: Ω̇ (uni1F6B)	8108: Ω̇t (uni1FAC)	8178: ̇ (uni1FF2)	8251: ※ (uni203B)	8377: ₹ (uni20B9)
8044: Ω̇ (uni1F6C)	8109: Ω̇t (uni1FAD)	8179: ̇ (uni1FF3)	8252: !! (exclamdbl)	8383: ₣ (uni20BF)
8045: Ω̇ (uni1F6D)	8110: Ω̇t (uni1FAE)	8180: ̇ (uni1FF4)	8253: ₣ (uni203D)	8448: ⅔ (uni2100)

8449: $\frac{3}{5}$ (uni2101)	8563: iv (uni2173)	8715: $\text{\textcircled{D}}$ (suchthat)	8868: $\text{\textcircled{1}}$ (uni22A4)	9332: $\text{\textcircled{1}}$ (uni2474)
8450: $\text{\textcircled{C}}$ (uni2102)	8564: v (uni2174)	8716: $\text{\textcircled{E}}$ (uni220C)	8869: $\text{\textcircled{2}}$ (uni22A5)	9333: $\text{\textcircled{2}}$ (uni2475)
8451: $\text{\textcircled{C}}$ (uni2103)	8565: vi (uni2175)	8717: $\text{\textcircled{E}}$ (uni220D)	8870: $\text{\textcircled{3}}$ (uni22A6)	9334: $\text{\textcircled{3}}$ (uni2476)
8453: $\frac{\circ}{\circ}$ (uni2105)	8566: vii (uni2176)	8719: $\text{\textcircled{E}}$ (product)	8886: $\text{\textcircled{4}}$ (uni22B6)	9335: $\text{\textcircled{4}}$ (uni2477)
8454: $\frac{\circ}{\text{u}}$ (uni2106)	8567: viii (uni2177)	8720: $\text{\textcircled{E}}$ (uni2210)	8887: $\text{\textcircled{5}}$ (uni22B7)	9336: $\text{\textcircled{5}}$ (uni2478)
8457: $\text{\textcircled{F}}$ (uni2109)	8568: ix (uni2178)	8721: Σ (summation)	8901: \cdot (dotmath)	9337: $\text{\textcircled{6}}$ (uni2479)
8460: $\text{\textcircled{S}}$ (uni210C)	8569: x (uni2179)	8722: $-$ (minus)	8942: $\text{\textcircled{:}}$ (uni22EE)	9338: $\text{\textcircled{7}}$ (uni247A)
8461: H (uni210D)	8570: xi (uni217A)	8723: $\text{\textcircled{F}}$ (uni2213)	8943: $\text{\textcircled{\dots}}$ (uni22EF)	9339: $\text{\textcircled{8}}$ (uni247B)
8462: h (uni210E)	8571: xii (uni217B)	8724: $\text{\textcircled{+}}$ (uni2214)	8960: \emptyset (uni2300)	9340: $\text{\textcircled{9}}$ (uni247C)
8463: $\text{\textcircled{h}}$ (uni210F)	8572: I (uni217C)	8725: $\text{\textcircled{/}}$ (uni2215)	8962: \square (house)	9341: $\text{\textcircled{10}}$ (uni247D)
8465: $\text{\textcircled{S}}$ (Ifaktur)	8573: c (uni217D)	8726: $\text{\textcircled{\backslash}}$ (uni2216)	8963: $\text{\textcircled{\wedge}}$ (uni2303)	9342: $\text{\textcircled{11}}$ (uni247E)
8467: $\text{\textcircled{l}}$ (uni2113)	8574: d (uni217E)	8727: $\text{\textcircled{*}}$ (asteriskmath)	8976: \neg (revlogicalnot)	9343: $\text{\textcircled{12}}$ (uni247F)
8469: N (uni2115)	8575: m (uni217F)	8728: \circ (uni2218)	8992: \int (integralp)	9344: $\text{\textcircled{13}}$ (uni2480)
8470: N° (uni2116)	8576: $\text{\textcircled{D}}$ (uni2180)	8729: \cdot (uni2219)	8993: \int (integralbt)	9345: $\text{\textcircled{14}}$ (uni2481)
8473: P (uni2119)	8577: $\text{\textcircled{D}}$ (uni2181)	8730: $\sqrt{\quad}$ (radical)	8998: \boxtimes (uni2326)	9346: $\text{\textcircled{15}}$ (uni2482)
8474: Q (uni211A)	8578: $\text{\textcircled{D}}$ (uni2182)	8731: $\sqrt[3]{\quad}$ (uni221B)	8999: \boxtimes (uni2327)	9347: $\text{\textcircled{16}}$ (uni2483)
8476: $\text{\textcircled{R}}$ (Rfaktur)	8579: $\text{\textcircled{O}}$ (uni2183)	8732: $\sqrt[4]{\quad}$ (uni221C)	9001: \langle (angleleft)	9348: $\text{\textcircled{17}}$ (uni2484)
8477: R (uni211D)	8580: $\text{\textcircled{O}}$ (uni2184)	8733: \propto (proportional)	9002: \rangle (angleright)	9349: $\text{\textcircled{18}}$ (uni2485)
8480: $\text{\textcircled{SM}}$ (uni2120)	8592: \leftarrow (arrowleft)	8734: ∞ (infinity)	9003: \boxtimes (uni2328)	9350: $\text{\textcircled{19}}$ (uni2486)
8482: $\text{\textcircled{TM}}$ (trademark)	8593: \uparrow (arrowup)	8735: \perp (orthogonal)	9085: \int (uni237D)	9351: $\text{\textcircled{20}}$ (uni2487)
8484: Z (uni2124)	8594: \rightarrow (arrowright)	8736: \angle (angle)	9088: $\text{\textcircled{S}}$ (uni2380)	9398: $\text{\textcircled{A}}$ (uni24B6)
8486: Ω (uni2126)	8595: \downarrow (arrowdown)	8737: $\text{\textcircled{\neq}}$ (uni2221)	9115: \int (uni239B)	9399: $\text{\textcircled{B}}$ (uni24B7)
8487: $\text{\textcircled{U}}$ (uni2127)	8596: \leftrightarrow (arrowboth)	8738: $\text{\textcircled{\lt}}$ (uni2222)	9116: \int (uni239C)	9400: $\text{\textcircled{C}}$ (uni24B8)
8494: e (estimated)	8597: \updownarrow (arrowupdn)	8739: \int (uni2223)	9117: \int (uni239D)	9401: $\text{\textcircled{D}}$ (uni24B9)
8498: $\text{\textcircled{I}}$ (uni2132)	8598: $\text{\textcircled{\nwarrow}}$ (uni2196)	8740: \int (uni2224)	9118: \int (uni239E)	9402: $\text{\textcircled{E}}$ (uni24BA)
8501: $\text{\textcircled{A}}$ (aleph)	8599: $\text{\textcircled{\nearrow}}$ (uni2197)	8741: \parallel (uni2225)	9119: \int (uni239F)	9403: $\text{\textcircled{F}}$ (uni24BB)
8502: $\text{\textcircled{O}}$ (uni2136)	8600: $\text{\textcircled{\searrow}}$ (uni2198)	8742: $\text{\textcircled{\#}}$ (uni2226)	9120: \int (uni23A0)	9404: $\text{\textcircled{G}}$ (uni24BC)
8503: λ (uni2137)	8601: $\text{\textcircled{\swarrow}}$ (uni2199)	8743: \wedge (logicaland)	9121: \int (uni23A1)	9405: $\text{\textcircled{H}}$ (uni24BD)
8504: $\text{\textcircled{7}}$ (uni2138)	8602: $\text{\textcircled{\neq}}$ (uni219A)	8744: \vee (logicalor)	9122: \int (uni23A2)	9406: $\text{\textcircled{I}}$ (uni24BE)
8505: $\text{\textcircled{i}}$ (uni2139)	8603: $\text{\textcircled{\rightarrow}}$ (uni219B)	8745: \cap (intersection)	9123: \int (uni23A3)	9407: $\text{\textcircled{J}}$ (uni24BF)
8527: $\text{\textcircled{\&&}}$ (uni214F)	8614: \mapsto (uni21A6)	8746: \cup (union)	9124: \int (uni23A4)	9408: $\text{\textcircled{K}}$ (uni24C0)
8531: $\frac{1}{3}$ (onethird)	8616: \updownarrow (arrowupdnbse)	8747: \int (integral)	9125: \int (uni23A5)	9409: $\text{\textcircled{L}}$ (uni24C1)
8532: $\frac{2}{3}$ (twothirds)	8622: \leftrightarrow (uni21AE)	8748: \iint (uni222C)	9126: \int (uni23A6)	9410: $\text{\textcircled{M}}$ (uni24C2)
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8540: $\frac{3}{8}$ (threeeighths)	8654: $\not\equiv$ (uni21CE)	8777: \neq (uni2249)	9134: $\text{\textcircled{I}}$ (uni23AE)	9418: $\text{\textcircled{U}}$ (uni24CA)
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