

berenisadf

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Abstract

Hirwen Harendal, Arkandis Digital Foundry (ADF) has produced the Berenis ADF font collection. This guide outlines the $\text{\TeX}/\text{\LaTeX}$ support provided by berenisadf for version 1.004 of the fonts.

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*Bug tracker: codeberg.org/cfr/nfssex/issues | Code: codeberg.org/cfr/nfssex | Mirror: github.com/cfr42/nfssex

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1 Introduction

This document explains how to use the \TeX/\LaTeX support provided for version 1.004 of the Berenis ADF font collection developed by Hirwen Harendal of the Arkandis Digital Foundry (ADF). `berenisadf` includes copies of the fonts in postscript type 1 format and opentype versions as source. Further information about the fonts themselves can be found at <http://arkandis.tuxfamily.org/adffonts.html>. The fonts are released under the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or any later version, with font exception. For details, see `NOTICE.txt` and `COPYING`.

The \TeX/\LaTeX support package consists of all files listed in `manifest.txt` and these files are released under the \LaTeX Project Public License as explained in the included licensing notices. Please report any issues using the [BUGTRACKER](#).

Table 1: Mapping Arkandis to \TeX Berry Names

\TeX Directory	Font Families	Original Name	Berry Name
berenis	ybd, ybdj, ybdjw, ybdw, ybd2, ybd2j, ybd2jw, ybd2w, ybd0, ybd1	BerenisADFFPro-Regular	ybdr
		BerenisADFFPro-Italic	ybdri
		BerenisADFFPro-Bold	ybdb
		BerenisADFFPro-BoldItalic	ybdbi
		BerenisADFFProSC-Regular	ybdrc
		BerenisADFFProSC-Italic	ybdrci
		BerenisADFFProSC-Bold	ybdbc
		BerenisADFFProSC-BoldItalic	ybdbci

2 The collection

Berenis ADF is a serif family designed as a substitute for Bodoni or Didot. The family currently includes upright, italic, small-caps and italic small-caps shapes in each of regular and bold weights. Six sets of digits are provided: proportional oldstyle and lining; tabular oldstyle and lining; inferior; and superior¹. The support package renames the fonts according to the Karl Berry fontname scheme and defines 22 families. Together, these provide support for the τ_1 and two versions of the $LY1$ font encoding². Whether to use $LY1$ or τ_1 depends on the features of the fonts required in any particular document. For example, Welsh should be typeset using $LY1$ ³, but Polish requires τ_1 and only $LY1$ provides extended ligatures and ‘swash’ variants.

Eight families primarily provide access to the ‘standard’ or default characters while the four ‘ligature’ or ‘swash’ families support additional non-standard ligatures, alternate glyphs, the slashed zero and additional pre-composed accented characters⁴. Four further families include the inferior and superior figures, together with any other complementary characters included in the fonts. The remaining six families provide the ‘Text Companion’ encoding for use with the τ_1 encoding. The included package files provide access to these features in \TeX as explained in section 4 on the next page and section 5 on page 8.

The ‘ligature’ or ‘swash’ families are supported only for $LY1$. In addition, Welsh should be typeset in $LY1$ since the customised encodings better support it, especially in version 2.0. Polish should be typeset (from version 2.0) with `enc=<t1>` and either no `lig` or `lig=<false>`.

¹In fact, the fonts also include denominator and numerator figures. Since there is currently no use for these in TeX, however, the support package ignores them.

²The initial version of the package did not support τ_1 and $LY1$ remains the default to ensure backwards compatibility.

³This is true specifically for berenisadf. For most fonts, it makes no difference which encoding is chosen as Welsh is equally poorly supported by all of them and most postscript fonts don’t provide the relevant characters anyway.

⁴Section 4.1 on the following page describes the encodings used to create these families. For further details see the encoding (.enc) and kerning/ligaturing (.lig) files.

3 Requirements

Apart from such obvious requirements as \TeX 2 ϵ , the \TeX support provided by `berenis.sty` requires `nfssect-cfr` and `xkeyval`. Without `nfssect-cfr`, you will get errors complaining that the package cannot be found and you will not be able to use any of the additional font commands described in section 5 on page 8.

The documentation requires additional packages. These are all standard and available from CTAN but you can always comment out the relevant lines in `berenisadf.tex` if you wish.

4 The support package

4.1 Encodings

The package supports modified TeXnANSI/LY1 encodings, as shown in table 2 on the following page. Version 2.0 provides limited support for `tt1` and `ts1`. Most characters in the TeXnANSI encoding are available, including the ϵ . Six of the families use encodings based on `texnansi.enc`; four use encodings based on `texnansx.enc`. These bases are reflected in the file names as shown below. All encodings make certain changes to accommodate differences in glyph names. For example, the slots for `onesuperior`, `twosuperior` and `threesuperior` are used for `one.superior`, `two.superior` and `three.superior` in all encodings.

By default, `texnansx.enc` does not work correctly with `ly1def.enc` which is needed by `fontenc` to implement the LY1 encoding. The idea of the encoding file is to remove the duplicates found in the standard TeXnANSI/LY1 encoding, freeing up additional slots for other purposes. Unfortunately, from the point of view of `ly1def.enc`, the file frequently removes the wrong duplicate. All encodings for `berenisadf` based on this file were therefore further modified to restore the removed duplicate and remove the correct one where this was necessary for cooperation with `ly1def.enc`.

The fonts do not provide anything like a full set of inferiors or superiors. `texnansi-ybd0`, `texnansi-ybd1`, `tt1-ybd0`, `tt1-ybd1`, `ts1-ybd0` and `ts1-ybd1` are intended only to support what is available. This amounts to the digits (₀₁₂₃₄₅₆₇₈₉/⁰¹²³⁴⁵⁶⁷⁸⁹), some basic punctuation (_{0- / 0-}) and symbols (_€/[€]) and, in the case of superiors, a selection of lowercase letters (^{abdehilmnorst}). The ‘standard’ letters and symbols make no sense here so when inferiors or superiors are in use *only* those symbols available in subscript or superscript form are provided.

The encodings use symbols to match the relevant style of figures when these are available. For example, `\texteuro 3.15` will variously produce $\text{€}3.15$, $\text{€}3.15$, $\text{€}3.15$, $\text{€}3.15$, $\text{€}_{3.15}$ or $\text{€}^{3.15}$ depending on the current family.

4.2 \TeX package

`berenis (pkg)` To use the fonts in a \TeX document, add `\usepackage{berenis}` to your document preamble. This will set the default serif/roman family to `ybd` (`berenis`) and enable access to the various alternates, styles and ligatures. Six optional arguments are available to tailor the behaviour of the package: `lf/osf`, `tab/prop`, `lig` and `lm`.

`lf (opt)` = `true|false`

`lining (opt)`

Table 2: berenis

encoding file	provides	figures	empty slots →
texnansi-ybd.enc	TeXnANSIEncoding-ybd	tabular lining	fj, ffj, \hat{W} , \hat{w} , \hat{Y} , \hat{y}
texnansi-ybd2.enc	TeXnANSIEncoding-ybd2	proportional lining	
texnansi-ybd2j.enc	TeXnANSIEncoding-ybd2j	proportional oldstyle	
texnansi-ybdj.enc	TeXnANSIEncoding-ybdj	tabular oldstyle	
texnansx-ybd2jw.enc	TeXnANSIEncoding-ybd2jw	proportional oldstyle	fj, ffj, ft, fft, tt,
texnansx-ybd2w.enc	TeXnANSIEncoding-ybd2w	proportional lining	ch, ck, cl, ct,
texnansx-ybdjw.enc	TeXnANSIEncoding-ybdjw	tabular oldstyle	sh, sk, sl, sp, st,
texnansx-ybdw.enc	TeXnANSIEncoding-ybdw	tabular lining	\emptyset , Q, \hat{W} , \hat{w} , \hat{Y} , \hat{y}
texnansi-ybd0.enc	TeXnANSIEncoding-ybd0	inferiors, as available	N/A
texnansi-ybd1.enc	TeXnANSIEncoding-ybd1	superiors, as available	
t1-ybd.enc	T1-ybd	tabular lining	None
t1-ybd2.enc	T1-ybd2	proportional lining	
t1-ybd2j.enc	T1-ybd2j	proportional oldstyle	
t1-ybdj.enc	T1-ybdj	tabular oldstyle	
t1-ybd0.enc	T1-ybd0	inferiors, as available	
t1-ybd1.enc	T1-ybd1	superiors, as available	
ts1-ybd.enc	TS1-ybd	tabular lining	N/A
ts1-ybd2.enc	TS1-ybd2	proportional lining	
ts1-ybd2j.enc	TS1-ybd2j	proportional oldstyle	
ts1-ybdj.enc	TS1-ybdj	tabular oldstyle	
ts1-ybd0.enc	TS1-ybd0	inferiors, as available	
ts1-ybd1.enc	TS1-ybd1	superiors, as available	

By default, oldstyle figures are used as standard and lining digits are available using the commands explained in section 5 on the next page. To make lining figures the default instead, use one of the following when loading the package:

```
\usepackage[lf]{berenis}
\usepackage[lf=true]{berenis}
\usepackage[osf=false]{berenis}
```

`osf (opt.) = true|false`

Similarly, to explicitly request oldstyle figures:

```
\usepackage[osf]{berenis}
\usepackage[osf=true]{berenis}
\usepackage[lf=false]{berenis}
```

`tab (opt.) = true|false`

By default, proportional figures are used as standard and tabular digits are available using the commands explained in section 5 on the following page. To make tabular figures the default instead, use one of the following when loading the package:

```
\usepackage[tab]{berenis}
\usepackage[tab=true]{berenis}
\usepackage[prop=false]{berenis}
```

`prop (opt.) = true|false`

Similarly, to explicitly request proportional figures:

```
\usepackage[prop]{berenis}
\usepackage[prop=true]{berenis}
\usepackage[tab=false]{berenis}
```

`enc (opt.) = ly1|LY1|t1|T1`

By default, the package will use the LY1 encoding. To use T1:

```
\usepackage[enc=t1]{berenis}
```

To explicitly request LY1, use:

```
\usepackage[enc=ly1]{berenis}
```

`lig (opt.) = true|false`

Loading `berenis` with `lig` or `lig=true` will select the versions which enable the additional ligatures and pre-built accented characters, and access to the alternate Q and the slashed zero as default. ***This option is not recommended unless you are sure you know what you are doing.*** You should also note that this option will mean all of the additional ligatures will be active, which may not be what you want. Again, passing `lig=false` will explicitly request the default — and strongly recommended — behaviour which is to *not* enable the additional characters by default.

Note that `lig` **requires** the `LY1` encoding. This encoding is the default, but if you enable `T1` instead, the package will warn you about the inconsistency.⁵

`lm (opt) = true|false`

This option controls whether Latin Modern is used for sans and typewriter text. Because Computer Modern does not support the `TeXnANSI/LY1` encoding, you will likely get strange results unless you redefine `\sfdefault` and `\ttdefault`. Latin Modern is used because it is close to the default Computer Modern fonts and is widely available. If you would prefer that the package not redefine the default sans and typewriter families, use `lm=false` when loading `berenis`. To explicitly request the default behaviour, which does redefine these families, use `lm` or `lm=true`.

Note that loading `berenis.sty` will not affect the default setup for mathematics.

`scale (opt) = <scaling factor>`

Scale all fonts provided by the package by `<scaling factor>`, which should be a positive integer or simple decimal such as 2 or 1.2. This option is intended for cases where the fonts should be scaled to match other families used in the document e.g. for consistency with the size of sans and/or typewriter fonts.

Initially empty, which is equivalent to 1 but more efficient.

5 Additional font selection commands

The \TeX package `berenis` loads `nfssect-cfr` which is an extension of the package `nfssect` supplied by Philipp Lehman as part of The Font Installation Guide. The file extends the font selection commands to facilitate access to various font features. Both the original and the extension are designed for use with a wide range of fonts. For this reason, only a subset of the additional commands are relevant to any particular font support package. Those relevant to `berenisadf` are described below.

5.1 nfssect-cfr

These commands are available when `berenis` is loaded. If for some reason you wish to make them available when no relevant package is loaded, use `\usepackage{nfssect-cfr}` in your document preamble.

5.1.1 Shapes

`\sishape` (†) Commands to change font shape which extend the default \TeX `zε` functionality in relevant `\textsi` (†) ways are listed in table 3 on the next page. These font features are available regardless of font encoding selected.

For example, `\textit{\scshape I always avoid a kangaroo.}` produces:

LEWIS CARROLL WROTE, 'I ALWAYS AVOID A KANGAROO.'

⁵In earlier versions, selecting `lig` also selected the `LY1` encoding and setting `enc=t1` deselected `lig`, so that the last option used was always effective. The current version processes all options before examining inconsistencies, so the previous behaviour is no longer the case.

Table 3: Shapes

shape	shape command	text command
italic small-caps	<code>\itshape\scshape</code> ^a	<code>\textit{\textsc{}}</code> ^a
	<code>\scshape\itshape</code> ^a	<code>\textsc{\textit{}}</code> ^a
	<code>\sishape</code>	<code>\textsi{}</code>

^a Supported for all versions of $\TeX_{2\epsilon}$.

Table 4: Styles

style	style command	text command	effect
swash ^a	<code>\swashstyle</code>	<code>\textswash{}</code>	‘ligature’ or ‘swash’ as described

^a Swash is implemented *completely differently* by `nfssect-cfr` from the newly developed kernel implementation. The new version of `nfssect-cfr` should be compatible with the kernel implementation but you *must* use the macros provided by that package (e.g. `\swashstyle` or `\textswash`) to access the swash variants provided by `berenisadf`. That is, you **cannot** use the kernel’s methods to access these features. You may, however, use the macros provided by `nfssect-cfr` for fonts designed to work with the kernel implementation, since that package has been revised to work with these fonts, too.

5.1.2 Styles

This section applies only when the `LY1` encoding is used. If `T1` is selected instead, none of the font features described here will be active.

`\swashstyle` Table 4 lists commands provided for changing the current font style. Commands provided
`\textswash` by $\TeX_{2\epsilon}$ are not included.

`\swashstyle` and `\textswash{}` switch to the ‘ligature’/‘swash’ families (`ybdw/ybdjw/ybd2w/ybd2`

`Q*` (*alt*) Within the scope of these commands:

`fj` (*lig*)

`ffj` (*lig*) • `Q` will typeset the regular ‘`Q`’ (`Q`);

`ch` (*lig*)

`ck` (*lig*) • `Q*` will typeset the alternate ‘`Q`’ (`Q`);

`cl` (*lig*)

`ct` (*lig*) • `fj ffj` will produce ligatures (`fj/ffj`);

`ft` (*lig*)

`fft` (*lig*) • `ch ck cl ct ft fft sh sk sl sp st tt` will produce additional ligatures

`sh` (*lig*)

`sk` (*lig*)

`sl` (*lig*)

`sp` (*lig*)

`st` (*lig*)

`tt` (*lig*)

Outside the scope of these commands:

`\zeroslash`

`fj` (*lig*)

`ffj` (*lig*) • `Q` will typeset the regular ‘`Q`’ (`Q`);

`ffj` (*lig*)

• `Q*` will typeset the regular ‘`Q`’ followed by an asterisk (`Q*`);

`fj` (*lig*)

• `fj ffj` will produce ligatures (`fj/ffj`);

`ch` (*lig*)

`ck` (*lig*)

`cl` (*lig*)

`ct` (*lig*)

`ft` (*lig*)

`fft` (*lig*)

`sh` (*lig*)

`sk` (*lig*)

`sl` (*lig*)

`sp` (*lig*)

`st` (*lig*)

`tt` (*lig*)

`tt` will not produce ligatures (`ch/ck/cl/ct/ft/fft/sh/sk/sl/sp/s`

- `\zeroslash` will not produce the slashed zero even if lining figures are in use (0/0);
- `\^W`, `\^w`, `\^Y` and `\^y` will use pre-composed glyphs ($\hat{W}/\hat{w}/\hat{Y}/\hat{y}$).

For example, suppose that `berenis` was loaded and the following commands set up:

```
\newcommand{\fytext}{%
  Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering
otters in fjords.\par
  {%
    \swashstyle
    Q*ueenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly
shivering otters in fjords.%
  }%
}
\newcommand{\fytest}{%
  \fytext \medskip\par
  {\itshape\fytext} \medskip\par
  {\scshape\fytext} \medskip\par
  {\sishape\fytext}%
}
```

Then:

```
\fytext
```

produces:

Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering otters in fjords.

Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering otters in fjords.

Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering otters in fjords.

Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering otters in fjords.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

5.1.3 Figures

The font features described in this section are available regardless of font encoding selected.

Two sets of commands are available for choosing tabular or proportional and oldstyle or lining digits.

Table 5: Figures

figure style	style command	text command	effect
lining	<code>\lstyle</code>	<code>\textl{}</code>	0123456789
oldstyle	<code>\ostyle</code>	<code>\texto{}</code>	0123456789
tabular	<code>\tstyle</code>	<code>\textt{}</code>	0123456789
proportional	<code>\pstyle</code>	<code>\textp{}</code>	0123456789
tabular lining	<code>\tllstyle</code>	<code>\textttl{}</code>	0123456789
tabular oldstyle	<code>\tostyle</code>	<code>\texttto{}</code>	0123456789
proportional lining	<code>\plstyle</code>	<code>\texttpl{}</code>	0123456789
proportional oldstyle	<code>\postyle</code>	<code>\texttpo{}</code>	0123456789
inferior/subscript	<code>\infstyle</code>	<code>\textinf{}</code>	0123456789
	<code>\instyle^a</code>	<code>\textin{}</code> ^b	
superior/superscript	<code>\sustyle</code>	<code>\textsu{}</code>	0123456789

^a This macro is deprecated.

^b This macro is deprecated due to an incompatibility with hyperref. If hyperref is **not** loaded, the command is provided for backwards compatibility only, but should be replaced. If hyperref is loaded, the command will not switch to inferiors and will give an (extremely confusing) error.

`\lstyle` The commands in the first four rows of table 5 affect *one* aspect of the figure style. Their effect therefore depends partly on the style of figures in use at the time they are issued.

`\ostyle` Since this document uses proportional oldstyle figures by default (0123456789), `\textl{}` gives *proportional* lining figures (0123456789) and `\textt{}` gives tabular *oldstyle* digits (0123456789). If lining figures had been in use (0123456789), `\textt{}` would have switched to tabular *lining* figures (0123456789) rather than to tabular oldstyle digits.

`\tstyle` Likewise, if tabular figures had been in use (0123456789), `\textl{}` would have changed `\textt` to *tabular* lining figures (0123456789).

`\pstyle` The commands in the next four rows of the table, on the other hand, affect *two* aspects of the figure style — whether digits are proportional or tabular *and* whether they are oldstyle or lining. If you are not sure which style of figures will be active when the command is issued and you wish to ensure a particular result, choose one of these commands or combine two commands from the first four rows. For example, to ensure tabular lining figures (0123456789), use `\textttl{}`, `\textt{\textl{}}` or `\textl{\textt{}}`.

`\tllstyle` The final two rows list commands for accessing superiors and inferiors.

`\texttto`

`\infstyle` In addition to modifying the figure style, these commands affect the style of certain complementary characters in the `lX1`, `T1` and `TS1` encodings as explained in section 4.1 on page 5. This means that:

`\textinf`

`\textsu`

```
\instyle (†) 50%\ off! That's just \texteuro 2.95, \pounds 3.41, \textyen 5.28
\textin (†)  \& \$8.67\textcent\ \textsl{or} less than \textdollar 1 \& \textsterling 0.99!!
```

produces:

50% off! That's just €2.95, £3.41, ¥5.28 & \$8.67€ or less than \$1 & £0.99!!

when oldstyle digits are in use, but:

50% off! That's just €2.95, £3.41, ¥5.28 & \$8.67¢ or less than \$1 & £0.99!!

after switching to lining figures.

Note that the commands for inferior and superior figures make further changes. ***Normal text cannot be typeset within the scope of the commands for inferiors or superiors.*** The commands for subscript activate basic symbols and punctuation to complement the digits. So `Llundain\textinf{(1,4+\$5)}` produces `Llundain(1,4+\$5)`. The commands for superscript activate a partial lowercase in as well. For example, `postbox\textsu{9(iii)}` produces `postbox9(iii)`.

`scale (opt) = <scaling factor>`

Scale all fonts provided by the package by `<scaling factor>`, which should be a positive integer or simple decimal such as 2 or 1.2. This option is intended for cases where the fonts should be scaled to match other families used in the document e.g. for consistency with the size of sans-serif or typewriter fonts.

Initially empty, which is equivalent to 1 but more efficient.

Note that creating the font files, as opposed to just the package and documentation files, requires `GNU make`, `fontforge` and a set of associated files. Testing also requires custom lua scripts available on [codeberg](https://codeberg.org/berenisadf).

A Installation

The vast majority of users should **IGNORE this section entirely**. berenisadf is included in all major \TeX distributions and should be installed as part of your \TeX installation. Installing the package yourself should be done only as a last resort or an educational exercise.

Note, in particular, that this version of berenisadf should **not** be installed on older \LaTeX kernels as it is designed to work with the (New) New Font Selection Scheme, as updated around 2020⁶. Use the initial release of berenisadf if your installation of \LaTeX predates those changes.

Installation varies with \TeX distribution so you should consult the documentation which came with your system for details. In most cases, you will need to perform three steps:

1. move or copy the package files to appropriate locations on your system;
2. refresh the \TeX database;
3. incorporate the included map file fragments for the different engines your distribution supports.

The following instructions assume you are using \TeX Live⁷. They should not be too difficult to adapt if you are using a different distribution.

A.1 Install the files

The files should be installed in one of two locations: *either* the local system-wide \TeX tree *or* your personal tree. If the package is installed system-wide, all users will have access to it. On the other hand, you may need privileges you do not have to do this in which case you must use your personal tree.

There are serious disadvantages to installing the package into your personal tree. In particular, these pertain to use of `updmap --user` rather than `updmap --sys`. If you are not aware of these disadvantages, please ensure you are fully cognisant of them before proceeding⁸. Merely removing the package from your personal tree at a later point will *not* undo the effects.

For \TeX Live, `kpsewhich -var-value TEXMFLOCAL` will return the path to the local tree and `kpsewhich -var-value TEXMFHOME` the path to your personal tree. The package already includes a hierarchy of files to help you install them correctly. Ignoring any symbolic link in the top directory, move or copy the files in `doc`, `fonts` and `tex` into the appropriate locations. If the tree is initially empty, you can simply move or copy the directories in as they are. If the tree already contains other packages, you may need to merge the package hierarchy with the pre-existing one. For example, if you already have a `doc/fonts` directory, move or copy `doc/fonts/berenis` into `doc/fonts/`. If you have a `doc` directory but not a `doc/fonts`, move `doc/fonts` into `doc/`.

⁶The package should™ work fine on older kernels, but the new version is bound to have some bugs and there is no reason to use it on these systems. The sole purpose of the update is to accommodate the breaking changes made to font selection. If you don't have those changes installed locally, nothing should be broken and the newer version of berenisadf offers no advantage at all.

⁷This includes Mac \TeX for OS X users.

⁸See, for example, [\$\TeX\$ SE: q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

A.2 Refresh the database

Again, this depends on your distribution. For \TeX Live, `mktexlsr <path to directory>` for the directory you used in the first step should do the trick. Note that you *may* be able to skip this step if you install into your personal tree. Whether this is so depends on the details of your set-up. As a test, move to a directory containing none of the package files and try `kpsewhich berenis.sty`. If the file is found, you don't need to refresh the database; otherwise use `mktexlsr` and then try again.

A.3 Install the map fragments

For \TeX Live, there are at least two ways of doing this. The second method varies according to the version of \TeX Live and instructions are provided accordingly. Both methods depend on whether you installed into `TEXMFLOCAL` or `TEXMFHOME`. If you installed system-wide, the choice is relatively straightforward — it obviously makes sense in that case to update the font maps system-wide as well.

If, on the other hand, you installed into your personal tree, the matter is more complex. On the one hand, updating the system-wide maps may create difficulties or confusion for other users because while the map files will list the fonts as available, they will not be able to access them. On the other hand, maintaining personal font map files can produce difficulties and confusions of its own⁹. Whether it is to be preferred or not is a complex issue and depends on the details of your \TeX distribution, local configuration and personal preference. The one clear case is that in which you install into your personal tree because you lack the privileges needed to install system-wide. In that case, you have no choice but to maintain personal font map files or forgo the use of all fonts not provided by your administrator. Other cases are thankfully beyond the scope of this document.

A.3.1 Method 1

If you installed the package system-wide, use the command:

```
updmap-sys --enable Map=ybd.map
```

If you installed the package in your personal tree, you *may* prefer⁹:

```
updmap --enable Map=ybd.map
```

Either way, `updmap` will output a good deal of information after each incantation. This is normal. Just check that it does not end with an error and that it found the new map file.

A.3.2 Method 2: \TeX Live 2008 (and probably earlier)

If you installed the package system-wide, use `updmap-sys --edit`.

If you installed into your personal tree, you *may* prefer to use `updmap --edit`⁹.

⁹See, for example, [\$\text{\TeX}\$ SE: q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

Either way, a configuration file will be opened which you can edit. Move to the end of the file and add the following line:

```
Map ybd.map
```

When you are done, save the file. `updmap` or `updmap-sys` will produce a great deal of output if all is well. Just check that it does not end with an error and that `ybd.map` is found.

A.3.3 Method 2: T_EX Live 2009 (and possibly later)

If you installed the package system-wide, edit or or create `TEXMFLOCAL/web2c/updmap-local.cfg` and add the following line to the end of the file:

```
Map ybd.map
```

Save the file and tell `tlmgr` to merge in your addition using the command:

```
tlmgr generate updmap
```

`tlmgr` will then tell you that you need to ensure the changes are propagated correctly by calling `updmap-sys`. This should produce a great deal of output. Check that it finds the new map file and does not end with an error.

If you installed into your personal tree, you *may* prefer to use `updmap --edit` as described above for T_EX Live 2008¹⁰.

A.3.4 Method 3: Current/Recent T_EX Live

If you installed the package system-wide, tell `\updmap` to enable the map file:

```
updmap --sys --enable Map=ybd.map
```

This should produce a great deal of output. Check that it finds the new map file and does not end with an error.

If you installed into your personal tree, you *could* use `updmap --user` in place of `updmap --sys` as described above for T_EX Live 2008, but this is **not** recommended¹⁰.

To test your installation and that the package works on your system, latex this file (be `renisadf.tex`). The console output and/or log should tell you whether any fonts were not found. If you are careful not to overwrite it, you may also compare your output with `berenisadf.pdf`.

B Implementation

You do not need to read the remainder of this document in order to install or use the fonts.

¹⁰See, for example, T_EXSE: [q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

```

1 \NeedsTeXFormat{LaTeX2e}
2 \RequirePackage{svn-prov}
3 \ProvidesPackageSVN[berenis.sty]{$Id: berenisadf.dtx 10366 2024-09-18 14:25:21Z
  cfrees $}[v2.1 \revinfo]
4 \DefineFileInfoSVN[berenis]

```

Load nfssect-cfr. nfssect-cfr provides \ProcessKeyOptions, \IfFormatAtLeastTF on older kernels¹¹.

```

5 \RequirePackage{nfssect-cfr}[2024/01/01]
6 \ExplSyntaxOn

```

From cfr-coursepacket.cls (unpublished)

```

7 \msg_new:nnn { berenis } { unknown-choice }
8 { % name of choice; valid choices; invalid choice given
9   berenis  :: #1: \msg_line_context: #3 is not a supported font encoding.
10  Valid choices are #2.
11  Please see documentation for details.
12 }
13 \msg_new:nnn { berenis } { unavailable }% what; substitute
14 {
15   berenis  :: #1: \msg_line_context: #1 unavailable.
16   #2 used instead.
17 }

```

Define package keys.

```

18 \keys_define:nn { berenis }
19 {

```

enc (opt) Font encoding. Valid choices are T1 or LY1. Lower or upper case input is accepted.

```

\g__berenis_enc_tl
20   enc .choice:,
21   enc .choices:nn = { ly1, LY1, t1, T1 }
22   {
23     \int_case:nn { \l_keys_choice_int }
24     {
25       { 1 } { \tl_gset:Nn \g__berenis_enc_tl { LY1 } }
26       { 2 } { \tl_gset:Nn \g__berenis_enc_tl { LY1 } }
27       { 3 } { \tl_gset:Nn \g__berenis_enc_tl { T1 } }
28       { 4 } { \tl_gset:Nn \g__berenis_enc_tl { T1 } }
29     }
30   },
31   enc / unknown .code:n = {

```

From expl3 docs: interfaces3.pdf p246

```

32   \msg_error:nneee { berenis } { unknown-choice }
33   { enc }
34   { ly1 , LY1 , t1, T1 }
35   { \exp_not:n {#1} }
36 },

```

Dubious choice of default encoding.

¹¹Obviously this is not a reason to load it, but an explanation of why I can assume these macros are available on older kernels.


```
37 enc .initial:n = ly1,
```

`lig` (*opt.*) Whether to enable additional ligatures by default. Only supported for LY1.

```
\g__berenis_lig_bool
38 lig .bool_gset:N = \g__berenis_lig_bool,
39 lig .default:n = true,
40 lig .initial:n = false,
```

`lf` (*opt.*) Lining figures by default (as opposed to oldstyle).

```
lining (opt.)
\g__berenis_osf_bool
41 lf .bool_gset_inverse:N = \g__berenis_osf_bool,
42 lf .default:n = true,
43 lining .bool_gset_inverse:N = \g__berenis_osf_bool,
44 lining .default:n = true,
```

`lm` (*opt.*) Whether to change the default sans family to Latin Modern since Computer Modern doesn't support LY1.

```
45 lm .bool_gset:N = \g__berenis_lm_bool,
46 lm .default:n = true,
47 lm .initial:n = true,
```

`osf` (*opt.*) Oldstyle (hanging) figures by default (as opposed to lining).

```
\g__berenis_osf_bool
48 osf .bool_gset:N = \g__berenis_osf_bool,
49 osf .default:n = true,
50 osf .initial:n = true,
```

`prop` (*opt.*) Proportional (as opposed to tabular) figures by default.

```
\g__berenis_prop_bool
51 prop .bool_gset:N = \g__berenis_prop_bool,
52 prop .default:n = true,
53 prop .initial:n = true,
```

`scale` (*opt.*) Factor to scale fonts by.

`\ybd@scale` This is empty by default, which is equivalent to 1, but more efficient.

```
54 scale .tl_gset:N = \ybd@scale,
55 scale .initial:V = \@empty,
```

`tab` (*opt.*) Tabular (as opposed to proportional) figures by default.

```
\g__berenis_prop_bool
56 tab .bool_gset_inverse:N = \g__berenis_prop_bool,
57 tab .default:n = true,
58 }

59 \ProcessKeyOptions[berenis]
```

This collection requires more complex option handling than can be managed simply by processing the options, since certain options require others and it is not necessarily clear which should take precedence. One option would be to simply let the last option rule the others, but that's not obviously the right thing to do. Moreover, we want to at least issue warnings if we're changing things at this point. So we assume a default option is less

likely explicitly chosen and less likely to meet user expectations than a non-default one. (Theoretically, this could be tracked. `chronos` does that in spades. But the need for it is rather greater in that case.

```
60 \bool_if:NT \g__berenis_lig_bool
61 {
62   \tl_if_eq:NnF \g__berenis_enc_tl { LY1 }
63   {
```

If `lig` is true and the encoding isn't `LY1`, the user has explicitly set incompatible options. There's no way to hazard a guess here, so re-enable `LY1` and hope for the best.

```
64   \PackageWarning { berenis } {
65     Setting font encoding to LY1 to accommodate ligatures
66   }
67   \tl_gset:Nn \g__berenis_enc_tl { LY1 }
68 }
69 }
```

```
70 \tl_if_eq:NnT \g__berenis_enc_tl { LY1 }
71 {
72   \bool_if:NF \g__berenis_lm_bool
73   {
```

Again, `LY1` without Latin Modern is problematic because it means there's nothing setup for sans or typewriter unless the user does it. Still, no Latin Modern is an explicit request and the user may well want to do just that, so we don't change anything here, but only warn the unwary.

```
74   \PackageWarning{berenis.sty}
75   {
76     Default sf and tt families will not\MessageBreak
77     be changed to Latin Modern.\MessageBreak
78     Since Computer Modern does not support LY1,\MessageBreak
79     either use enc=tl to use T1 or set \MessageBreak
80     suitable defaults for sans ('sf') and \MessageBreak
81     typewriter ('tt') yourself.\MessageBreak
82   }
83 }
84 }
```

Use a token list initialised with the bare Berry name. could I just use `ybdzj` directly here? does it matter if it is a `cs` rather than a `tl`?

`\g__berenis_rm_tl` Token list to hold Berry name as we construct it.

```
85 \tl_new:N \g__berenis_rm_tl
86 \tl_new:N \g__berenis_rm_subst_tl
87 \tl_gset:Nn \g__berenis_rm_tl {ybd}
```

Implement requested options by adjusting default family name. Order is critical as we're matching on family names.

Add indicator for 'prop' or not.

```
88 \bool_if:NT \g__berenis_prop_bool
89 {
```

```

90 \tl_gput_right:Nn \g__berenis_rm_tl {2}
91 }

```

Add indicator for ‘osf’ or not.

```

92 \bool_if:NT \g__berenis_osf_bool
93 {
94   \tl_gput_right:Nn \g__berenis_rm_tl {j}
95 }

```

Save the non-swash result¹²

```

96 \tl_gset_eq:NN \g__berenis_rm_subst_tl \g__berenis_rm_tl

```

Add indicator for ligature/swash encoding as default

```

97 \bool_if:NT \g__berenis_lig_bool
98 {
99   \tl_gput_right:Nn \g__berenis_rm_tl {w}
100 }

```

`\rmdefault` Make BerenisADFP default roman font, using the assembled name to implement requested options e.g. ligature/swash encoding and lf/osf, prop/tab as applicable

```

101 \renewcommand{\rmdefault}{\g__berenis_rm_tl}

```

Load appropriate font encoding

```

102 \RequirePackage[\g__berenis_enc_tl]{fontenc}

```

`\g__berenis_enc_tl` Get proper tai bach for W, w, Y, y¹³. (Ideally would set further stuff but these are the most problematic.) The cost is some of the non-fancy non-standard ligatures and the boundary character in the non-swash variants.

```

103 \tl_if_eq:NnT \g__berenis_enc_tl { LY1 }
104 {
105   \DeclareTextCompositeCommand{\^}{LY1}{W}{
106     \char9
107   }
108   \DeclareTextCompositeCommand{\^}{LY1}{w}{
109     \char3
110   }
111   \DeclareTextCompositeCommand{\^}{LY1}{Y}{
112     \char10
113   }
114   \DeclareTextCompositeCommand{\^}{LY1}{y}{
115     \char13
116   }
117 }
118 \IfFormatAtLeastTF {2020-02-02}{%

```

¹²Easy because ‘w’!

¹³Ti’s support for ‘most’ European languages leaves certain European languages with almost no support for accented characters at all. Two of the seven Welsh vowels have no support in Ti. The following four declarations remedy the most serious issues: ‘ŵ’, ‘ŵ’, ‘Ŷ’ and ‘ŷ’ common in contemporary Welsh. I suspect other Celtic languages would need similar treatment

To get the oldstyle numbers etc. used from TS1, we need to set the subset to 0 or 1. Unfortunately, this means characters missing from the fonts will not use default symbols as fallback, but this seems to be unavoidable.

```

119 \DeclareEncodingSubset{TS1}{ybd}{1}%
120 \DeclareEncodingSubset{TS1}{ybd2}{1}%
121 \DeclareEncodingSubset{TS1}{ybd2j}{1}%
122 \DeclareEncodingSubset{TS1}{ybdj}{1}%
123 \DeclareEncodingSubset{TS1}{ybd0}{1}%
124 \DeclareEncodingSubset{TS1}{ybd1}{1}%
125 \DeclareEncodingSubset{TS1}{ybdw}{1}%
126 \DeclareEncodingSubset{TS1}{ybd2w}{1}%
127 \DeclareEncodingSubset{TS1}{ybd2jw}{1}%
128 \DeclareEncodingSubset{TS1}{ybdjw}{1}%
129 }{
130 \RequirePackage{textcomp}
131 }
132 \UndeclareTextCommand{\textperthousand}{T1}

```

`\sfdefault` Load LM if requested. Don't use cfr-lm in case it isn't available.

```

\ttdefault
133 \bool_if:NT \g__berenis_lm_bool
134 {
135 \renewcommand{\sfdefault}{lmss}
136 \renewcommand{\ttdefault}{lmtt}
137 }

```

`\zeroslash` Based on definition of β from afm2pl manual page

```

138 \cs_new_nopar:Npn \zeroslash
139 {
140 \tl_if_eq:NnTF \g__berenis_enc_tl { LY1 }
141 {
142 \setbox0\hbox{\char184}%
143 \setbox1\hbox{\char24}%
144 \ifnum\wd0=\wd1 \char48
145 \msg_warning:nnnn { berenis } { unavailable }
146 { slashed zero } { zero }
147 \else
148 \ifnum\wd0=0 \char48
149 \msg_warning:nnnn { berenis } { unavailable }
150 { slashed zero } { zero }
151 \else\char184
152 \fi
153 \fi
154 } {
155 \char48
156 \msg_warning:nnnn { berenis } { unavailable }
157 { slashed zero } { zero }
158 }
159 }

160 \ExplSyntaxOff

161 %% end berenis.sty

```

The remaining files are not used directly, but either are or are required to generate the files which allow \TeX and \LaTeX to use the fonts. The sources use `fontforge` and `GNU make` as explained in the (sparse) comments.

B.1 Font Definitions

These files define \LaTeX 2 ϵ font families. There is no specific source for these files. They were created based on similar files produced by `fontinst`, but they were not directly generated¹⁴.

B.1.1 ly1ybd.fd

ly1ybd.fd (*fd*) Font definitions: family ly1ybd.

```

162 %Filename: ly1ybd.fd
163 %Based on a file created using fontinst v1.928
164
165 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
166
167 \ProvidesFile{ly1ybd.fd}
168 [0000/00/00 font definitions for LY1/ybd.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

169 \expandafter\ifx\csname ybd@scale\endcsname\relax
170 \let\ybd@scale\@empty
171 \else
172 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
173 \fi
174
175 \DeclareFontFamily{LY1}{ybd}{ }
176
177 \DeclareFontShape{LY1}{ybd}{m}{n}{
178 <-> \ybd@scale ybdr8y
179 }{}
180
181 \DeclareFontShape{LY1}{ybd}{m}{sc}{
182 <-> \ybd@scale ybdr8y
183 }{}
184
185 \DeclareFontShape{LY1}{ybd}{m}{it}{
186 <-> \ybd@scale ybdri8y
187 }{}
188
189 \DeclareFontShape{LY1}{ybd}{m}{scit}{
190 <-> \ybd@scale ybdrci8y
191 }{}
192
193 \DeclareFontShape{LY1}{ybd}{b}{n}{
194 <-> \ybd@scale ybdb8y
195 }{}
196
197 \DeclareFontShape{LY1}{ybd}{b}{sc}{
198 <-> \ybd@scale ybdb8y

```

¹⁴I doubt I typed them. I suppose I used some combination of `sed`, `vim`, `gawk` etc.

```

199 }{}
200
201 \DeclareFontShape{LY1}{ybd}{b}{it}{
202   <-> \ybd@scale ydbbi8y
203 }{}
204
205 \DeclareFontShape{LY1}{ybd}{b}{scit}{
206   <-> \ybd@scale ydbbci8y
207 }{}
208
209 \DeclareFontShape{LY1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
210 \DeclareFontShape{LY1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
211 \DeclareFontShape{LY1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
212 \DeclareFontShape{LY1}{ybd}{bx}{n}{<->ssub * ybd/b/n}{}
213 \DeclareFontShape{LY1}{ybd}{bx}{sc}{<->ssub * ybd/b/sc}{}
214 \DeclareFontShape{LY1}{ybd}{bx}{it}{<->ssub * ybd/b/it}{}
215 \DeclareFontShape{LY1}{ybd}{bx}{sl}{<->ssub * ybd/b/sl}{}
216 \DeclareFontShape{LY1}{ybd}{bx}{scit}{<->ssub * ybd/b/scit}{}
217 \DeclareFontShape{LY1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
218 \DeclareFontShape{LY1}{ybd}{bx}{si}{<->ssub * ybd/b/si}{}
219

```

B.1.2 ly1ybd0.fd

ly1ybd0.fd (*fd*) Font definitions: family ly1ybd0.

```

220 %Filename: ly1ybd0.fd
221 %Based on a file created using fontinst v1.928
222
223 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
224
225 \ProvidesFile{ly1ybd0.fd}
226   [0000/00/00 font definitions for LY1/ybd0.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

227 \expandafter\ifx\csname ybd@scale\endcsname\relax
228   \let\ybd@scale\@empty
229 \else
230   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
231 \fi
232
233 \DeclareFontFamily{LY1}{ybd0}{}
234
235 \DeclareFontShape{LY1}{ybd0}{m}{n}{
236   <-> \ybd@scale ybdr08y
237 }{}
238
239 \DeclareFontShape{LY1}{ybd0}{m}{sc}{
240   <-> \ybd@scale ybdr0c8y
241 }{}
242
243 \DeclareFontShape{LY1}{ybd0}{m}{it}{
244   <-> \ybd@scale ybdr0i8y
245 }{}
246

```

```

247 \DeclareFontShape{LY1}{ybd0}{m}{scit}{
248   <-> \ybd@scale ybdr0ci8y
249 }{}
250
251 \DeclareFontShape{LY1}{ybd0}{b}{n}{
252   <-> \ybd@scale ybdb08y
253 }{}
254
255 \DeclareFontShape{LY1}{ybd0}{b}{sc}{
256   <-> \ybd@scale ybdb0c8y
257 }{}
258
259 \DeclareFontShape{LY1}{ybd0}{b}{it}{
260   <-> \ybd@scale ybdb0i8y
261 }{}
262
263 \DeclareFontShape{LY1}{ybd0}{b}{scit}{
264   <-> \ybd@scale ybdb0ci8y
265 }{}
266
267 \DeclareFontShape{LY1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
268 \DeclareFontShape{LY1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
269 \DeclareFontShape{LY1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
270 \DeclareFontShape{LY1}{ybd0}{bx}{n}{<->ssub * ybd0/b/n}{}
271 \DeclareFontShape{LY1}{ybd0}{bx}{sc}{<->ssub * ybd0/b/sc}{}
272 \DeclareFontShape{LY1}{ybd0}{bx}{it}{<->ssub * ybd0/b/it}{}
273 \DeclareFontShape{LY1}{ybd0}{bx}{sl}{<->ssub * ybd0/b/sl}{}
274 \DeclareFontShape{LY1}{ybd0}{bx}{scit}{<->ssub * ybd0/b/scit}{}
275 \DeclareFontShape{LY1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
276 \DeclareFontShape{LY1}{ybd0}{bx}{si}{<->ssub * ybd0/b/si}{}
277

```

B.1.3 ly1ybd1.fd

ly1ybd1.fd (*fd*) Font definitions: family ly1ybd1.

```

278 %Filename: ly1ybd1.fd
279 %Based on a file created using fontinst v1.928
280
281 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
282
283 \ProvidesFile{ly1ybd1.fd}
284   [0000/00/00 font definitions for LY1/ybd1.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

285 \expandafter\ifx\csname ybd@scale\endcsname\relax
286   \let\ybd@scale\@empty
287 \else
288   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
289 \fi
290
291 \DeclareFontFamily{LY1}{ybd1}{}
292
293 \DeclareFontShape{LY1}{ybd1}{m}{n}{
294   <-> \ybd@scale ybdr18y

```

```

295 }{}
296
297 \DeclareFontShape{LY1}{ybd1}{m}{sc}{
298   <-> \ybd@scale ybdr1c8y
299 }{}
300
301 \DeclareFontShape{LY1}{ybd1}{m}{it}{
302   <-> \ybd@scale ybdr1i8y
303 }{}
304
305 \DeclareFontShape{LY1}{ybd1}{m}{scit}{
306   <-> \ybd@scale ybdr1ci8y
307 }{}
308
309 \DeclareFontShape{LY1}{ybd1}{b}{n}{
310   <-> \ybd@scale ybdb18y
311 }{}
312
313 \DeclareFontShape{LY1}{ybd1}{b}{sc}{
314   <-> \ybd@scale ybdb1c8y
315 }{}
316
317 \DeclareFontShape{LY1}{ybd1}{b}{it}{
318   <-> \ybd@scale ybdb1i8y
319 }{}
320
321 \DeclareFontShape{LY1}{ybd1}{b}{scit}{
322   <-> \ybd@scale ybdb1ci8y
323 }{}
324
325 \DeclareFontShape{LY1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
326 \DeclareFontShape{LY1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
327 \DeclareFontShape{LY1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}
328 \DeclareFontShape{LY1}{ybd1}{bx}{n}{<->ssub * ybd1/b/n}{}
329 \DeclareFontShape{LY1}{ybd1}{bx}{sc}{<->ssub * ybd1/b/sc}{}
330 \DeclareFontShape{LY1}{ybd1}{bx}{it}{<->ssub * ybd1/b/it}{}
331 \DeclareFontShape{LY1}{ybd1}{bx}{sl}{<->ssub * ybd1/b/sl}{}
332 \DeclareFontShape{LY1}{ybd1}{bx}{scit}{<->ssub * ybd1/b/scit}{}
333 \DeclareFontShape{LY1}{ybd1}{b}{si}{<->ssub * ybd1/bx/scit}{}
334 \DeclareFontShape{LY1}{ybd1}{bx}{si}{<->ssub * ybd1/b/si}{}
335

```

B.1.4 ly1ybd2.fd

ly1ybd2.fd (*fd*) Font definitions: family ly1ybd2.

```

336 %Filename: ly1ybd2.fd
337 %Based on a file created using fontinst v1.928
338
339 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
340
341 \ProvidesFile{ly1ybd2.fd}
342   [0000/00/00 font definitions for LY1/ybd2.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)


```

343 \expandafter\ifx\csname ybd@scale\endcsname\relax
344 \let\ybd@scale\empty
345 \else
346 \edef\ybd@scale{s*\csname ybd@scale\endcsname}%
347 \fi
348
349 \DeclareFontFamily{LY1}{ybd2}{}
350
351 \DeclareFontShape{LY1}{ybd2}{m}{n}{
352 <-> \ybd@scale ybdr28y
353 }{}
354
355 \DeclareFontShape{LY1}{ybd2}{m}{sc}{
356 <-> \ybd@scale ybdr2c8y
357 }{}
358
359 \DeclareFontShape{LY1}{ybd2}{m}{it}{
360 <-> \ybd@scale ybdr2i8y
361 }{}
362
363 \DeclareFontShape{LY1}{ybd2}{m}{scit}{
364 <-> \ybd@scale ybdr2ci8y
365 }{}
366
367 \DeclareFontShape{LY1}{ybd2}{b}{n}{
368 <-> \ybd@scale ybdb28y
369 }{}
370
371 \DeclareFontShape{LY1}{ybd2}{b}{sc}{
372 <-> \ybd@scale ybdb2c8y
373 }{}
374
375 \DeclareFontShape{LY1}{ybd2}{b}{it}{
376 <-> \ybd@scale ybdb2i8y
377 }{}
378
379 \DeclareFontShape{LY1}{ybd2}{b}{scit}{
380 <-> \ybd@scale ybdb2ci8y
381 }{}
382
383 \DeclareFontShape{LY1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
384 \DeclareFontShape{LY1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
385 \DeclareFontShape{LY1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}
386 \DeclareFontShape{LY1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
387 \DeclareFontShape{LY1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
388 \DeclareFontShape{LY1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
389 \DeclareFontShape{LY1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
390 \DeclareFontShape{LY1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
391 \DeclareFontShape{LY1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
392 \DeclareFontShape{LY1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
393

```

B.1.5 ly1ybd2j.fd

ly1ybd2j.fd (*fd*) Font definitions: family ly1ybd2j.

```

394 %Filename: ly1ybd2j.fd
395 %Based on a file created using fontinst v1.928
396
397 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
398
399 \ProvidesFile{ly1ybd2j.fd}
400 [0000/00/00 font definitions for LY1/ybd2j.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

401 \expandafter\ifx\csname ybd@scale\endcsname\relax
402   \let\ybd@@scale\@empty
403 \else
404   \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
405 \fi
406
407 \DeclareFontFamily{LY1}{ybd2j}{}
408
409 \DeclareFontShape{LY1}{ybd2j}{m}{n}{
410   <-> \ybd@@scale ybdr2j8y
411 }{}
412
413 \DeclareFontShape{LY1}{ybd2j}{m}{sc}{
414   <-> \ybd@@scale ybdr2cj8y
415 }{}
416
417 \DeclareFontShape{LY1}{ybd2j}{m}{it}{
418   <-> \ybd@@scale ybdr2ij8y
419 }{}
420
421 \DeclareFontShape{LY1}{ybd2j}{m}{scit}{
422   <-> \ybd@@scale ybdr2cij8y
423 }{}
424
425 \DeclareFontShape{LY1}{ybd2j}{b}{n}{
426   <-> \ybd@@scale ybdb2j8y
427 }{}
428
429 \DeclareFontShape{LY1}{ybd2j}{b}{sc}{
430   <-> \ybd@@scale ybdb2cj8y
431 }{}
432
433 \DeclareFontShape{LY1}{ybd2j}{b}{it}{
434   <-> \ybd@@scale ybdb2ij8y
435 }{}
436
437 \DeclareFontShape{LY1}{ybd2j}{b}{scit}{
438   <-> \ybd@@scale ybdb2cij8y
439 }{}
440
441 \DeclareFontShape{LY1}{ybd2j}{m}{sl}{<->ssub * ybd2j/m/it}{}
442 \DeclareFontShape{LY1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
443 \DeclareFontShape{LY1}{ybd2j}{b}{sl}{<->ssub * ybd2j/b/it}{}

```

```

444 \DeclareFontShape{LY1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{ }
445 \DeclareFontShape{LY1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{ }
446 \DeclareFontShape{LY1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{ }
447 \DeclareFontShape{LY1}{ybd2j}{bx}{sl}{<->ssub * ybd2j/b/sl}{ }
448 \DeclareFontShape{LY1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{ }
449 \DeclareFontShape{LY1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{ }
450 \DeclareFontShape{LY1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{ }
451

```

B.1.6 ly1ybd2jw.fd

ly1ybd2jw.fd (*fd*) Font definitions: family ly1ybd2jw.

```

452 %Filename: ly1ybd2jw.fd
453 %Based on a file created using fontinst v1.928
454
455 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
456
457 \ProvidesFile{ly1ybd2jw.fd}
458 [0000/00/00 font definitions for LY1/ybd2jw.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

459 \expandafter\ifx\csname ybd@scale\endcsname\relax
460 \let\ybd@@scale\@empty
461 \else
462 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
463 \fi
464
465 \DeclareFontFamily{LY1}{ybd2jw}{ }
466
467 \DeclareFontShape{LY1}{ybd2jw}{m}{n}{
468 <-> \ybd@@scale ybdr2jw8y
469 }{ }
470
471 \DeclareFontShape{LY1}{ybd2jw}{m}{sc}{
472 <-> \ybd@@scale ybdr2cjw8y
473 }{ }
474
475 \DeclareFontShape{LY1}{ybd2jw}{m}{it}{
476 <-> \ybd@@scale ybdr2ijw8y
477 }{ }
478
479 \DeclareFontShape{LY1}{ybd2jw}{m}{scit}{
480 <-> \ybd@@scale ybdr2cijw8y
481 }{ }
482
483 \DeclareFontShape{LY1}{ybd2jw}{b}{n}{
484 <-> \ybd@@scale ybdb2jw8y
485 }{ }
486
487 \DeclareFontShape{LY1}{ybd2jw}{b}{sc}{
488 <-> \ybd@@scale ybdb2cjw8y
489 }{ }
490
491 \DeclareFontShape{LY1}{ybd2jw}{b}{it}{

```

```

492 <-> \ybd@@scale ybdb2ijw8y
493 }{}
494
495 \DeclareFontShape{LY1}{ybd2jw}{b}{scit}{
496 <-> \ybd@@scale ybdb2ciw8y
497 }{}
498
499 \DeclareFontShape{LY1}{ybd2jw}{m}{sl}{<->ssub * ybd2jw/m/it}{}
500 \DeclareFontShape{LY1}{ybd2jw}{m}{si}{<->ssub * ybd2jw/m/scit}{}
501 \DeclareFontShape{LY1}{ybd2jw}{b}{sl}{<->ssub * ybd2jw/b/it}{}
502 \DeclareFontShape{LY1}{ybd2jw}{bx}{n}{<->ssub * ybd2jw/b/n}{}
503 \DeclareFontShape{LY1}{ybd2jw}{bx}{sc}{<->ssub * ybd2jw/b/sc}{}
504 \DeclareFontShape{LY1}{ybd2jw}{bx}{it}{<->ssub * ybd2jw/b/it}{}
505 \DeclareFontShape{LY1}{ybd2jw}{bx}{sl}{<->ssub * ybd2jw/b/sl}{}
506 \DeclareFontShape{LY1}{ybd2jw}{bx}{scit}{<->ssub * ybd2jw/b/scit}{}
507 \DeclareFontShape{LY1}{ybd2jw}{b}{si}{<->ssub * ybd2jw/bx/scit}{}
508 \DeclareFontShape{LY1}{ybd2jw}{bx}{si}{<->ssub * ybd2jw/b/si}{}
509

```

B.1.7 ly1ybd2w.fd

ly1ybd2w.fd (*fd*) Font definitions: family ly1ybd2w.

```

510 %Filename: ly1ybd2w.fd
511 %Based on a file created using fontinst v1.928
512
513 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
514
515 \ProvidesFile{ly1ybd2w.fd}
516 [0000/00/00 font definitions for LY1/ybd2w.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

517 \expandafter\ifx\csname ybd@scale\endcsname\relax
518 \let\ybd@@scale\@empty
519 \else
520 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
521 \fi
522
523 \DeclareFontFamily{LY1}{ybd2w}{}
524
525 \DeclareFontShape{LY1}{ybd2w}{m}{n}{
526 <-> \ybd@@scale ybdr2w8y
527 }{}
528
529 \DeclareFontShape{LY1}{ybd2w}{m}{sc}{
530 <-> \ybd@@scale ybdr2cw8y
531 }{}
532
533 \DeclareFontShape{LY1}{ybd2w}{m}{it}{
534 <-> \ybd@@scale ybdr2iw8y
535 }{}
536
537 \DeclareFontShape{LY1}{ybd2w}{m}{scit}{
538 <-> \ybd@@scale ybdr2ciw8y
539 }{}

```

```

540
541 \DeclareFontShape{LY1}{ybd2w}{b}{n}{
542   <-> \ybd@@scale ybdb2w8y
543 }{}
544
545 \DeclareFontShape{LY1}{ybd2w}{b}{sc}{
546   <-> \ybd@@scale ybdb2cw8y
547 }{}
548
549 \DeclareFontShape{LY1}{ybd2w}{b}{it}{
550   <-> \ybd@@scale ybdb2iw8y
551 }{}
552
553 \DeclareFontShape{LY1}{ybd2w}{b}{scit}{
554   <-> \ybd@@scale ybdb2ciw8y
555 }{}
556
557 \DeclareFontShape{LY1}{ybd2w}{m}{sl}{<->ssub * ybd2w/m/it}{}
558 \DeclareFontShape{LY1}{ybd2w}{m}{si}{<->ssub * ybd2w/m/scit}{}
559 \DeclareFontShape{LY1}{ybd2w}{b}{sl}{<->ssub * ybd2w/b/it}{}
560 \DeclareFontShape{LY1}{ybd2w}{bx}{n}{<->ssub * ybd2w/b/n}{}
561 \DeclareFontShape{LY1}{ybd2w}{bx}{sc}{<->ssub * ybd2w/b/sc}{}
562 \DeclareFontShape{LY1}{ybd2w}{bx}{it}{<->ssub * ybd2w/b/it}{}
563 \DeclareFontShape{LY1}{ybd2w}{bx}{sl}{<->ssub * ybd2w/b/sl}{}
564 \DeclareFontShape{LY1}{ybd2w}{bx}{scit}{<->ssub * ybd2w/b/scit}{}
565 \DeclareFontShape{LY1}{ybd2w}{b}{si}{<->ssub * ybd2w/bx/scit}{}
566 \DeclareFontShape{LY1}{ybd2w}{bx}{si}{<->ssub * ybd2w/b/si}{}
567

```

B.1.8 ly1ybdj.fd

ly1ybdj.fd (*fd*) Font definitions: family ly1ybdj.

```

568 %Filename: ly1ybdj.fd
569 %Based on a file created using fontinst v1.928
570
571 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
572
573 \ProvidesFile{ly1ybdj.fd}
574   [0000/00/00 font definitions for LY1/ybdj.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

575 \expandafter\ifx\csname ybd@scale\endcsname\relax
576   \let\ybd@@scale\@empty
577 \else
578   \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
579 \fi
580
581 \DeclareFontFamily{LY1}{ybdj}{}
582
583 \DeclareFontShape{LY1}{ybdj}{m}{n}{
584   <-> \ybd@@scale ybdrj8y
585 }{}
586
587 \DeclareFontShape{LY1}{ybdj}{m}{sc}{

```

```

588 <-> \ybd@@scale ybdrdj8y
589 }{}
590
591 \DeclareFontShape{LY1}{ybdj}{m}{it}{
592 <-> \ybd@@scale ybdrij8y
593 }{}
594
595 \DeclareFontShape{LY1}{ybdj}{m}{scit}{
596 <-> \ybd@@scale ybdrdj8y
597 }{}
598
599 \DeclareFontShape{LY1}{ybdj}{b}{n}{
600 <-> \ybd@@scale ybdbj8y
601 }{}
602
603 \DeclareFontShape{LY1}{ybdj}{b}{sc}{
604 <-> \ybd@@scale ybdbcj8y
605 }{}
606
607 \DeclareFontShape{LY1}{ybdj}{b}{it}{
608 <-> \ybd@@scale ybdbij8y
609 }{}
610
611 \DeclareFontShape{LY1}{ybdj}{b}{scit}{
612 <-> \ybd@@scale ybdbcij8y
613 }{}
614
615 \DeclareFontShape{LY1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
616 \DeclareFontShape{LY1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
617 \DeclareFontShape{LY1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}
618 \DeclareFontShape{LY1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
619 \DeclareFontShape{LY1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
620 \DeclareFontShape{LY1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
621 \DeclareFontShape{LY1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
622 \DeclareFontShape{LY1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}
623 \DeclareFontShape{LY1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
624 \DeclareFontShape{LY1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
625

```

B.1.9 ly1ybdjw.fd

ly1ybdjw.fd (*fd*) Font definitions: family ly1ybdjw.

```

626 %Filename: ly1ybdjw.fd
627 %Based on a file created using fontinst v1.928
628
629 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
630
631 \ProvidesFile{ly1ybdjw.fd}
632 [0000/00/00 font definitions for LY1/ybdjw.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

633 \expandafter\ifx\csname ybd@scale\endcsname\relax
634 \let\ybd@@scale\@empty
635 \else

```

```

636 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
637 \fi
638
639 \DeclareFontFamily{LY1}{ybdjw}{}
640
641 \DeclareFontShape{LY1}{ybdjw}{m}{n}{
642 <-> \ybd@@scale ybdrjw8y
643 }{}
644
645 \DeclareFontShape{LY1}{ybdjw}{m}{sc}{
646 <-> \ybd@@scale ybdrjw8y
647 }{}
648
649 \DeclareFontShape{LY1}{ybdjw}{m}{it}{
650 <-> \ybd@@scale ybdrijw8y
651 }{}
652
653 \DeclareFontShape{LY1}{ybdjw}{m}{scit}{
654 <-> \ybd@@scale ybdrrijw8y
655 }{}
656
657 \DeclareFontShape{LY1}{ybdjw}{b}{n}{
658 <-> \ybd@@scale ybdbjw8y
659 }{}
660
661 \DeclareFontShape{LY1}{ybdjw}{b}{sc}{
662 <-> \ybd@@scale ybdbcjw8y
663 }{}
664
665 \DeclareFontShape{LY1}{ybdjw}{b}{it}{
666 <-> \ybd@@scale ybdbijw8y
667 }{}
668
669 \DeclareFontShape{LY1}{ybdjw}{b}{scit}{
670 <-> \ybd@@scale ybdbcijw8y
671 }{}
672
673 \DeclareFontShape{LY1}{ybdjw}{m}{sl}{<->ssub * ybdjw/m/it}{}
674 \DeclareFontShape{LY1}{ybdjw}{m}{si}{<->ssub * ybdjw/m/scit}{}
675 \DeclareFontShape{LY1}{ybdjw}{b}{sl}{<->ssub * ybdjw/b/it}{}
676 \DeclareFontShape{LY1}{ybdjw}{bx}{n}{<->ssub * ybdjw/b/n}{}
677 \DeclareFontShape{LY1}{ybdjw}{bx}{sc}{<->ssub * ybdjw/b/sc}{}
678 \DeclareFontShape{LY1}{ybdjw}{bx}{it}{<->ssub * ybdjw/b/it}{}
679 \DeclareFontShape{LY1}{ybdjw}{bx}{sl}{<->ssub * ybdjw/b/sl}{}
680 \DeclareFontShape{LY1}{ybdjw}{bx}{scit}{<->ssub * ybdjw/b/scit}{}
681 \DeclareFontShape{LY1}{ybdjw}{b}{si}{<->ssub * ybdjw/bx/scit}{}
682 \DeclareFontShape{LY1}{ybdjw}{bx}{si}{<->ssub * ybdjw/b/si}{}
683

```

B.1.10 ly1ybdw.fd

ly1ybdw.fd (*fd*) Font definitions: family ly1ybdw.

```

684 %Filename: ly1ybdw.fd
685 %Based on a file created using fontinst v1.928

```

```

686
687 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
688
689 \ProvidesFile{ly1ybdw.fd}
690 [0000/00/00 font definitions for LY1/ybdw.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

691 \expandafter\ifx\csname ybd@scale\endcsname\relax
692 \let\ybd@scale\@empty
693 \else
694 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
695 \fi
696
697 \DeclareFontFamily{LY1}{ybdw}{}
698
699 \DeclareFontShape{LY1}{ybdw}{m}{n}{
700 <-> \ybd@scale ybdrw8y
701 }{}
702
703 \DeclareFontShape{LY1}{ybdw}{m}{sc}{
704 <-> \ybd@scale ybdrcw8y
705 }{}
706
707 \DeclareFontShape{LY1}{ybdw}{m}{it}{
708 <-> \ybd@scale ybdriw8y
709 }{}
710
711 \DeclareFontShape{LY1}{ybdw}{m}{scit}{
712 <-> \ybd@scale ybdrciw8y
713 }{}
714
715 \DeclareFontShape{LY1}{ybdw}{b}{n}{
716 <-> \ybd@scale ybdbw8y
717 }{}
718
719 \DeclareFontShape{LY1}{ybdw}{b}{sc}{
720 <-> \ybd@scale ybdbcw8y
721 }{}
722
723 \DeclareFontShape{LY1}{ybdw}{b}{it}{
724 <-> \ybd@scale ybdbiw8y
725 }{}
726
727 \DeclareFontShape{LY1}{ybdw}{b}{scit}{
728 <-> \ybd@scale ybdbciw8y
729 }{}
730
731 \DeclareFontShape{LY1}{ybdw}{m}{sl}{<->ssub * ybdw/m/it}{}
732 \DeclareFontShape{LY1}{ybdw}{m}{si}{<->ssub * ybdw/m/scit}{}
733 \DeclareFontShape{LY1}{ybdw}{b}{sl}{<->ssub * ybdw/b/it}{}
734 \DeclareFontShape{LY1}{ybdw}{bx}{n}{<->ssub * ybdw/b/n}{}
735 \DeclareFontShape{LY1}{ybdw}{bx}{sc}{<->ssub * ybdw/b/sc}{}
736 \DeclareFontShape{LY1}{ybdw}{bx}{it}{<->ssub * ybdw/b/it}{}
737 \DeclareFontShape{LY1}{ybdw}{bx}{sl}{<->ssub * ybdw/b/sl}{}
738 \DeclareFontShape{LY1}{ybdw}{bx}{scit}{<->ssub * ybdw/b/scit}{}

```



```

739 \DeclareFontShape{LY1}{ybdw}{b}{si}{<->ssub * ybdw/bx/scit}{}
740 \DeclareFontShape{LY1}{ybdw}{bx}{si}{<->ssub * ybdw/b/si}{}
741

```

B.1.11 t1ybd.fd

t1ybd.fd (*fd*) Font definitions: family t1ybd.

```

742 %Filename: t1ybd.fd
743 %Based on a file created using fontinst v1.928
744
745 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
746
747 \ProvidesFile{t1ybd.fd}
748 [0000/00/00 font definitions for T1/ybd.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

749 \expandafter\ifx\csname ybd@scale\endcsname\relax
750   \let\ybd@scale\@empty
751 \else
752   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
753 \fi
754
755 \DeclareFontFamily{T1}{ybd}{}
756
757 \DeclareFontShape{T1}{ybd}{m}{n}{
758   <-> \ybd@scale ybdr8t
759 }{}
760
761 \DeclareFontShape{T1}{ybd}{m}{sc}{
762   <-> \ybd@scale ybdr8t
763 }{}
764
765 \DeclareFontShape{T1}{ybd}{m}{it}{
766   <-> \ybd@scale ybdri8t
767 }{}
768
769 \DeclareFontShape{T1}{ybd}{m}{scit}{
770   <-> \ybd@scale ybdrci8t
771 }{}
772
773 \DeclareFontShape{T1}{ybd}{b}{n}{
774   <-> \ybd@scale ybdb8t
775 }{}
776
777 \DeclareFontShape{T1}{ybd}{b}{sc}{
778   <-> \ybd@scale ybdb8t
779 }{}
780
781 \DeclareFontShape{T1}{ybd}{b}{it}{
782   <-> \ybd@scale ydbdi8t
783 }{}
784
785 \DeclareFontShape{T1}{ybd}{b}{scit}{
786   <-> \ybd@scale ydbdci8t

```

```

787 }{}
788
789 \DeclareFontShape{T1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
790 \DeclareFontShape{T1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
791 \DeclareFontShape{T1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
792 \DeclareFontShape{T1}{ybd}{bx}{n}{<->ssub * ybd/b/n}{}
793 \DeclareFontShape{T1}{ybd}{bx}{sc}{<->ssub * ybd/b/sc}{}
794 \DeclareFontShape{T1}{ybd}{bx}{it}{<->ssub * ybd/b/it}{}
795 \DeclareFontShape{T1}{ybd}{bx}{sl}{<->ssub * ybd/b/sl}{}
796 \DeclareFontShape{T1}{ybd}{bx}{scit}{<->ssub * ybd/b/scit}{}
797 \DeclareFontShape{T1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
798 \DeclareFontShape{T1}{ybd}{bx}{si}{<->ssub * ybd/b/si}{}
799

```

B.1.12 t1ybd0.fd

t1ybd0.fd (*fd*) Font definitions: family t1ybd0.

```

800 %Filename: t1ybd0.fd
801 %Based on a file created using fontinst v1.928
802
803 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
804
805 \ProvidesFile{t1ybd0.fd}
806 [0000/00/00 font definitions for T1/ybd0.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

807 \expandafter\ifx\csname ybd@scale\endcsname\relax
808 \let\ybd@scale\@empty
809 \else
810 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
811 \fi
812
813 \DeclareFontFamily{T1}{ybd0}{}
814
815 \DeclareFontShape{T1}{ybd0}{m}{n}{
816 <-> \ybd@scale ybdr08t
817 }{}
818
819 \DeclareFontShape{T1}{ybd0}{m}{sc}{
820 <-> \ybd@scale ybdr0c8t
821 }{}
822
823 \DeclareFontShape{T1}{ybd0}{m}{it}{
824 <-> \ybd@scale ybdr0i8t
825 }{}
826
827 \DeclareFontShape{T1}{ybd0}{m}{scit}{
828 <-> \ybd@scale ybdr0ci8t
829 }{}
830
831 \DeclareFontShape{T1}{ybd0}{b}{n}{
832 <-> \ybd@scale ybdb08t
833 }{}
834

```

```

835 \DeclareFontShape{T1}{ybd0}{b}{sc}{
836   <-> \ybd@scale ybdb0c8t
837 }{}
838
839 \DeclareFontShape{T1}{ybd0}{b}{it}{
840   <-> \ybd@scale ybdb0i8t
841 }{}
842
843 \DeclareFontShape{T1}{ybd0}{b}{scit}{
844   <-> \ybd@scale ybdb0ci8t
845 }{}
846
847 \DeclareFontShape{T1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
848 \DeclareFontShape{T1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
849 \DeclareFontShape{T1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
850 \DeclareFontShape{T1}{ybd0}{bx}{n}{<->ssub * ybd0/b/n}{}
851 \DeclareFontShape{T1}{ybd0}{bx}{sc}{<->ssub * ybd0/b/sc}{}
852 \DeclareFontShape{T1}{ybd0}{bx}{it}{<->ssub * ybd0/b/it}{}
853 \DeclareFontShape{T1}{ybd0}{bx}{sl}{<->ssub * ybd0/b/sl}{}
854 \DeclareFontShape{T1}{ybd0}{bx}{scit}{<->ssub * ybd0/b/scit}{}
855 \DeclareFontShape{T1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
856 \DeclareFontShape{T1}{ybd0}{bx}{si}{<->ssub * ybd0/b/si}{}
857

```

B.1.13 t1ybd1.fd

t1ybd1.fd (*fd*) Font definitions: family t1ybd1.

```

858 %Filename: t1ybd1.fd
859 %Based on a file created using fontinst v1.928
860
861 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
862
863 \ProvidesFile{t1ybd1.fd}
864   [0000/00/00 font definitions for T1/ybd1.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

865 \expandafter\ifx\csname ybd@scale\endcsname\relax
866   \let\ybd@scale\@empty
867 \else
868   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
869 \fi
870
871 \DeclareFontFamily{T1}{ybd1}{}
872
873 \DeclareFontShape{T1}{ybd1}{m}{n}{
874   <-> \ybd@scale ybdr18t
875 }{}
876
877 \DeclareFontShape{T1}{ybd1}{m}{sc}{
878   <-> \ybd@scale ybdr1c8t
879 }{}
880
881 \DeclareFontShape{T1}{ybd1}{m}{it}{
882   <-> \ybd@scale ybdr1i8t

```

```

883 }{}
884
885 \DeclareFontShape{T1}{ybd1}{m}{scit}{
886   <-> \ybd@scale ybdr1ci8t
887 }{}
888
889 \DeclareFontShape{T1}{ybd1}{b}{n}{
890   <-> \ybd@scale ybdb18t
891 }{}
892
893 \DeclareFontShape{T1}{ybd1}{b}{sc}{
894   <-> \ybd@scale ybdb1c8t
895 }{}
896
897 \DeclareFontShape{T1}{ybd1}{b}{it}{
898   <-> \ybd@scale ybdb1i8t
899 }{}
900
901 \DeclareFontShape{T1}{ybd1}{b}{scit}{
902   <-> \ybd@scale ybdb1ci8t
903 }{}
904
905 \DeclareFontShape{T1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
906 \DeclareFontShape{T1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
907 \DeclareFontShape{T1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}
908 \DeclareFontShape{T1}{ybd1}{bx}{n}{<->ssub * ybd1/b/n}{}
909 \DeclareFontShape{T1}{ybd1}{bx}{sc}{<->ssub * ybd1/b/sc}{}
910 \DeclareFontShape{T1}{ybd1}{bx}{it}{<->ssub * ybd1/b/it}{}
911 \DeclareFontShape{T1}{ybd1}{bx}{sl}{<->ssub * ybd1/b/sl}{}
912 \DeclareFontShape{T1}{ybd1}{bx}{scit}{<->ssub * ybd1/b/scit}{}
913 \DeclareFontShape{T1}{ybd1}{b}{si}{<->ssub * ybd1/bx/scit}{}
914 \DeclareFontShape{T1}{ybd1}{bx}{si}{<->ssub * ybd1/b/si}{}
915

```

B.1.14 t1ybd2.fd

t1ybd2.fd (*fd*) Font definitions: family t1ybd2.

```

916 %Filename: t1ybd2.fd
917 %Based on a file created using fontinst v1.928
918
919 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
920
921 \ProvidesFile{t1ybd2.fd}
922   [0000/00/00 font definitions for T1/ybd2.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

923 \expandafter\ifx\csname ybd@scale\endcsname\relax
924   \let\ybd@scale\@empty
925 \else
926   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
927 \fi
928
929 \DeclareFontFamily{T1}{ybd2}{}
930

```

```

931 \DeclareFontShape{T1}{ybd2}{m}{n}{
932   <-> \ybd@@scale ybdr28t
933 }{}
934
935 \DeclareFontShape{T1}{ybd2}{m}{sc}{
936   <-> \ybd@@scale ybdr2c8t
937 }{}
938
939 \DeclareFontShape{T1}{ybd2}{m}{it}{
940   <-> \ybd@@scale ybdr2i8t
941 }{}
942
943 \DeclareFontShape{T1}{ybd2}{m}{scit}{
944   <-> \ybd@@scale ybdr2ci8t
945 }{}
946
947 \DeclareFontShape{T1}{ybd2}{b}{n}{
948   <-> \ybd@@scale ybdb28t
949 }{}
950
951 \DeclareFontShape{T1}{ybd2}{b}{sc}{
952   <-> \ybd@@scale ybdb2c8t
953 }{}
954
955 \DeclareFontShape{T1}{ybd2}{b}{it}{
956   <-> \ybd@@scale ybdb2i8t
957 }{}
958
959 \DeclareFontShape{T1}{ybd2}{b}{scit}{
960   <-> \ybd@@scale ybdb2ci8t
961 }{}
962
963 \DeclareFontShape{T1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
964 \DeclareFontShape{T1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
965 \DeclareFontShape{T1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}
966 \DeclareFontShape{T1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
967 \DeclareFontShape{T1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
968 \DeclareFontShape{T1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
969 \DeclareFontShape{T1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
970 \DeclareFontShape{T1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
971 \DeclareFontShape{T1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
972 \DeclareFontShape{T1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
973

```

B.1.15 t1ybd2j.fd

t1ybd2j.fd (*fd*) Font definitions: family t1ybd2j.

```

974 %Filename: t1ybd2j.fd
975 %Based on a file created using fontinst v1.928
976
977 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
978
979 \ProvidesFile{t1ybd2j.fd}
980 [0000/00/00 font definitions for T1/ybd2j.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

981 \expandafter\ifx\csname ybd@scale\endcsname\relax
982 \let\ybd@@scale\@empty
983 \else
984 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
985 \fi
986
987 \DeclareFontFamily{T1}{ybd2j}{}
988
989 \DeclareFontShape{T1}{ybd2j}{m}{n}{
990 <-> \ybd@@scale ybdr2j8t
991 }{}
992
993 \DeclareFontShape{T1}{ybd2j}{m}{sc}{
994 <-> \ybd@@scale ybdr2cj8t
995 }{}
996
997 \DeclareFontShape{T1}{ybd2j}{m}{it}{
998 <-> \ybd@@scale ybdr2ij8t
999 }{}
1000
1001 \DeclareFontShape{T1}{ybd2j}{m}{scit}{
1002 <-> \ybd@@scale ybdr2cij8t
1003 }{}
1004
1005 \DeclareFontShape{T1}{ybd2j}{b}{n}{
1006 <-> \ybd@@scale ybdb2j8t
1007 }{}
1008
1009 \DeclareFontShape{T1}{ybd2j}{b}{sc}{
1010 <-> \ybd@@scale ybdb2cj8t
1011 }{}
1012
1013 \DeclareFontShape{T1}{ybd2j}{b}{it}{
1014 <-> \ybd@@scale ybdb2ij8t
1015 }{}
1016
1017 \DeclareFontShape{T1}{ybd2j}{b}{scit}{
1018 <-> \ybd@@scale ybdb2cij8t
1019 }{}
1020
1021 \DeclareFontShape{T1}{ybd2j}{m}{sl}{<->ssub * ybd2j/m/it}{}
1022 \DeclareFontShape{T1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
1023 \DeclareFontShape{T1}{ybd2j}{b}{sl}{<->ssub * ybd2j/b/it}{}
1024 \DeclareFontShape{T1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{}
1025 \DeclareFontShape{T1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{}
1026 \DeclareFontShape{T1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{}
1027 \DeclareFontShape{T1}{ybd2j}{bx}{sl}{<->ssub * ybd2j/b/sl}{}
1028 \DeclareFontShape{T1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{}
1029 \DeclareFontShape{T1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{}
1030 \DeclareFontShape{T1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{}
1031

```

B.1.16 t1ybdj.fd

t1ybdj.fd (*fd*) Font definitions: family t1ybdj.

```

1032 %Filename: t1ybdj.fd
1033 %Based on a file created using fontinst v1.928
1034
1035 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1036
1037 \ProvidesFile{t1ybdj.fd}
1038 [0000/00/00 font definitions for T1/ybdj.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1039 \expandafter\ifx\csname ybd@scale\endcsname\relax
1040   \let\ybd@scale\@empty
1041 \else
1042   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1043 \fi
1044
1045 \DeclareFontFamily{T1}{ybdj}{}
1046
1047 \DeclareFontShape{T1}{ybdj}{m}{n}{
1048   <-> \ybd@scale ybdrj8t
1049 }{}
1050
1051 \DeclareFontShape{T1}{ybdj}{m}{sc}{
1052   <-> \ybd@scale ybdrj8t
1053 }{}
1054
1055 \DeclareFontShape{T1}{ybdj}{m}{it}{
1056   <-> \ybd@scale ybdrij8t
1057 }{}
1058
1059 \DeclareFontShape{T1}{ybdj}{m}{scit}{
1060   <-> \ybd@scale ybdrrij8t
1061 }{}
1062
1063 \DeclareFontShape{T1}{ybdj}{b}{n}{
1064   <-> \ybd@scale ybdbj8t
1065 }{}
1066
1067 \DeclareFontShape{T1}{ybdj}{b}{sc}{
1068   <-> \ybd@scale ybdbcj8t
1069 }{}
1070
1071 \DeclareFontShape{T1}{ybdj}{b}{it}{
1072   <-> \ybd@scale ybdbij8t
1073 }{}
1074
1075 \DeclareFontShape{T1}{ybdj}{b}{scit}{
1076   <-> \ybd@scale ybdbcij8t
1077 }{}
1078
1079 \DeclareFontShape{T1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
1080 \DeclareFontShape{T1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
1081 \DeclareFontShape{T1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}

```

```

1082 \DeclareFontShape{T1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
1083 \DeclareFontShape{T1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
1084 \DeclareFontShape{T1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
1085 \DeclareFontShape{T1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
1086 \DeclareFontShape{T1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}
1087 \DeclareFontShape{T1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
1088 \DeclareFontShape{T1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
1089

```

B.1.17 ts1ybd.fd

ts1ybd.fd (*fd*) Font definitions: family ts1ybd.

```

1090 %Filename: ts1ybd.fd
1091 %Based on a file created using fontinst v1.928
1092
1093 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1094
1095 \ProvidesFile{ts1ybd.fd}
1096 [0000/00/00 font definitions for TS1/ybd.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1097 \expandafter\ifx\csname ybd@scale\endcsname\relax
1098   \let\ybd@scale\@empty
1099 \else
1100   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1101 \fi
1102
1103 \DeclareFontFamily{TS1}{ybd}{}
1104
1105 \DeclareFontShape{TS1}{ybd}{m}{n}{
1106   <-> \ybd@scale ybdr8c
1107 }{}
1108
1109 \DeclareFontShape{TS1}{ybd}{m}{sc}{
1110   <-> \ybd@scale ybdrc8c
1111 }{}
1112
1113 \DeclareFontShape{TS1}{ybd}{m}{it}{
1114   <-> \ybd@scale ybdri8c
1115 }{}
1116
1117 \DeclareFontShape{TS1}{ybd}{m}{scit}{
1118   <-> \ybd@scale ybdrci8c
1119 }{}
1120
1121 \DeclareFontShape{TS1}{ybd}{b}{n}{
1122   <-> \ybd@scale ybdb8c
1123 }{}
1124
1125 \DeclareFontShape{TS1}{ybd}{b}{sc}{
1126   <-> \ybd@scale ybdbc8c
1127 }{}
1128
1129 \DeclareFontShape{TS1}{ybd}{b}{it}{

```



```

1130 <-> \ybd@@scale ydbdi8c
1131 }{}
1132
1133 \DeclareFontShape{TS1}{ybd}{b}{scit}{
1134 <-> \ybd@@scale ydbci8c
1135 }{}
1136
1137 \DeclareFontShape{TS1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
1138 \DeclareFontShape{TS1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
1139 \DeclareFontShape{TS1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
1140 \DeclareFontShape{TS1}{ybd}{bx}{n}{<->ssub * ybd/b/n}{}
1141 \DeclareFontShape{TS1}{ybd}{bx}{sc}{<->ssub * ybd/b/sc}{}
1142 \DeclareFontShape{TS1}{ybd}{bx}{it}{<->ssub * ybd/b/it}{}
1143 \DeclareFontShape{TS1}{ybd}{bx}{sl}{<->ssub * ybd/b/sl}{}
1144 \DeclareFontShape{TS1}{ybd}{bx}{scit}{<->ssub * ybd/b/scit}{}
1145 \DeclareFontShape{TS1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
1146 \DeclareFontShape{TS1}{ybd}{bx}{si}{<->ssub * ybd/b/si}{}
1147

```

B.1.18 ts1ybd0.fd

ts1ybd0.fd (*fd*) Font definitions: family ts1ybd0.

```

1148 %Filename: ts1ybd0.fd
1149 %Based on a file created using fontinst v1.928
1150
1151 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1152
1153 \ProvidesFile{ts1ybd0.fd}
1154 [0000/00/00 font definitions for TS1/ybd0.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1155 \expandafter\ifx\csname ybd@scale\endcsname\relax
1156 \let\ybd@@scale\@empty
1157 \else
1158 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
1159 \fi
1160
1161 \DeclareFontFamily{TS1}{ybd0}{}
1162
1163 \DeclareFontShape{TS1}{ybd0}{m}{n}{
1164 <-> \ybd@@scale ybdr08c
1165 }{}
1166
1167 \DeclareFontShape{TS1}{ybd0}{m}{sc}{
1168 <-> \ybd@@scale ybdr0c8c
1169 }{}
1170
1171 \DeclareFontShape{TS1}{ybd0}{m}{it}{
1172 <-> \ybd@@scale ybdr0i8c
1173 }{}
1174
1175 \DeclareFontShape{TS1}{ybd0}{m}{scit}{
1176 <-> \ybd@@scale ybdr0ci8c
1177 }{}

```

```

1178
1179 \DeclareFontShape{TS1}{ybd0}{b}{n}{
1180   <-> \ybd@scale ybdb08c
1181 }{}
1182
1183 \DeclareFontShape{TS1}{ybd0}{b}{sc}{
1184   <-> \ybd@scale ybdb0c8c
1185 }{}
1186
1187 \DeclareFontShape{TS1}{ybd0}{b}{it}{
1188   <-> \ybd@scale ybdb0i8c
1189 }{}
1190
1191 \DeclareFontShape{TS1}{ybd0}{b}{scit}{
1192   <-> \ybd@scale ybdb0ci8c
1193 }{}
1194
1195 \DeclareFontShape{TS1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
1196 \DeclareFontShape{TS1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
1197 \DeclareFontShape{TS1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
1198 \DeclareFontShape{TS1}{ybd0}{bx}{n}{<->ssub * ybd0/b/n}{}
1199 \DeclareFontShape{TS1}{ybd0}{bx}{sc}{<->ssub * ybd0/b/sc}{}
1200 \DeclareFontShape{TS1}{ybd0}{bx}{it}{<->ssub * ybd0/b/it}{}
1201 \DeclareFontShape{TS1}{ybd0}{bx}{sl}{<->ssub * ybd0/b/sl}{}
1202 \DeclareFontShape{TS1}{ybd0}{bx}{scit}{<->ssub * ybd0/b/scit}{}
1203 \DeclareFontShape{TS1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
1204 \DeclareFontShape{TS1}{ybd0}{bx}{si}{<->ssub * ybd0/b/si}{}
1205

```

B.1.19 ts1ybd1.fd

ts1ybd1.fd (*fd*) Font definitions: family ts1ybd1.

```

1206 %Filename: ts1ybd1.fd
1207 %Based on a file created using fontinst v1.928
1208
1209 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1210
1211 \ProvidesFile{ts1ybd1.fd}
1212   [0000/00/00 font definitions for TS1/ybd1.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1213 \expandafter\ifx\csname ybd@scale\endcsname\relax
1214   \let\ybd@scale\@empty
1215 \else
1216   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1217 \fi
1218
1219 \DeclareFontFamily{TS1}{ybd1}{}
1220
1221 \DeclareFontShape{TS1}{ybd1}{m}{n}{
1222   <-> \ybd@scale ybdr18c
1223 }{}
1224
1225 \DeclareFontShape{TS1}{ybd1}{m}{sc}{

```

```

1226 <-> \ybd@@scale ybdr1c8c
1227 }{}
1228
1229 \DeclareFontShape{TS1}{ybd1}{m}{it}{
1230 <-> \ybd@@scale ybdr1i8c
1231 }{}
1232
1233 \DeclareFontShape{TS1}{ybd1}{m}{scit}{
1234 <-> \ybd@@scale ybdr1ci8c
1235 }{}
1236
1237 \DeclareFontShape{TS1}{ybd1}{b}{n}{
1238 <-> \ybd@@scale ybdb18c
1239 }{}
1240
1241 \DeclareFontShape{TS1}{ybd1}{b}{sc}{
1242 <-> \ybd@@scale ybdb1c8c
1243 }{}
1244
1245 \DeclareFontShape{TS1}{ybd1}{b}{it}{
1246 <-> \ybd@@scale ybdb1i8c
1247 }{}
1248
1249 \DeclareFontShape{TS1}{ybd1}{b}{scit}{
1250 <-> \ybd@@scale ybdb1ci8c
1251 }{}
1252
1253 \DeclareFontShape{TS1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
1254 \DeclareFontShape{TS1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
1255 \DeclareFontShape{TS1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}
1256 \DeclareFontShape{TS1}{ybd1}{bx}{n}{<->ssub * ybd1/b/n}{}
1257 \DeclareFontShape{TS1}{ybd1}{bx}{sc}{<->ssub * ybd1/b/sc}{}
1258 \DeclareFontShape{TS1}{ybd1}{bx}{it}{<->ssub * ybd1/b/it}{}
1259 \DeclareFontShape{TS1}{ybd1}{bx}{sl}{<->ssub * ybd1/b/sl}{}
1260 \DeclareFontShape{TS1}{ybd1}{bx}{scit}{<->ssub * ybd1/b/scit}{}
1261 \DeclareFontShape{TS1}{ybd1}{b}{si}{<->ssub * ybd1/bx/scit}{}
1262 \DeclareFontShape{TS1}{ybd1}{bx}{si}{<->ssub * ybd1/b/si}{}
1263

```

B.1.20 ts1ybd2.fd

ts1ybd2.fd (*fd*) Font definitions: family ts1ybd2.

```

1264 %Filename: ts1ybd2.fd
1265 %Based on a file created using fontinst v1.928
1266
1267 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1268
1269 \ProvidesFile{ts1ybd2.fd}
1270 [0000/00/00 font definitions for TS1/ybd2.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

1271 \expandafter\ifx\csname ybd@scale\endcsname\relax
1272 \let\ybd@@scale\@empty
1273 \else

```

```

1274 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
1275 \fi
1276
1277 \DeclareFontFamily{TS1}{ybd2}{}
1278
1279 \DeclareFontShape{TS1}{ybd2}{m}{n}{
1280 <-> \ybd@@scale ybdr28c
1281 }{}
1282
1283 \DeclareFontShape{TS1}{ybd2}{m}{sc}{
1284 <-> \ybd@@scale ybdr2c8c
1285 }{}
1286
1287 \DeclareFontShape{TS1}{ybd2}{m}{it}{
1288 <-> \ybd@@scale ybdr2i8c
1289 }{}
1290
1291 \DeclareFontShape{TS1}{ybd2}{m}{scit}{
1292 <-> \ybd@@scale ybdr2ci8c
1293 }{}
1294
1295 \DeclareFontShape{TS1}{ybd2}{b}{n}{
1296 <-> \ybd@@scale ybdb28c
1297 }{}
1298
1299 \DeclareFontShape{TS1}{ybd2}{b}{sc}{
1300 <-> \ybd@@scale ybdb2c8c
1301 }{}
1302
1303 \DeclareFontShape{TS1}{ybd2}{b}{it}{
1304 <-> \ybd@@scale ybdb2i8c
1305 }{}
1306
1307 \DeclareFontShape{TS1}{ybd2}{b}{scit}{
1308 <-> \ybd@@scale ybdb2ci8c
1309 }{}
1310
1311 \DeclareFontShape{TS1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
1312 \DeclareFontShape{TS1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
1313 \DeclareFontShape{TS1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}
1314 \DeclareFontShape{TS1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
1315 \DeclareFontShape{TS1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
1316 \DeclareFontShape{TS1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
1317 \DeclareFontShape{TS1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
1318 \DeclareFontShape{TS1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
1319 \DeclareFontShape{TS1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
1320 \DeclareFontShape{TS1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
1321

```

B.1.21 ts1ybd2j.fd

ts1ybd2j.fd (*fd*) Font definitions: family ts1ybd2j.

```

1322 %Filename: ts1ybd2j.fd
1323 %Based on a file created using fontinst v1.928

```

```

1324
1325 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1326
1327 \ProvidesFile{ts1ybd2j.fd}
1328 [0000/00/00 font definitions for TS1/ybd2j.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1329 \expandafter\ifx\csname ybd@scale\endcsname\relax
1330 \let\ybd@scale\@empty
1331 \else
1332 \edef\ybd@scale{s*\csname ybd@scale\endcsname}%
1333 \fi
1334
1335 \DeclareFontFamily{TS1}{ybd2j}{}
1336
1337 \DeclareFontShape{TS1}{ybd2j}{m}{n}{
1338 <-> \ybd@scale ybdr2j8c
1339 }{}
1340
1341 \DeclareFontShape{TS1}{ybd2j}{m}{sc}{
1342 <-> \ybd@scale ybdr2cj8c
1343 }{}
1344
1345 \DeclareFontShape{TS1}{ybd2j}{m}{it}{
1346 <-> \ybd@scale ybdr2ij8c
1347 }{}
1348
1349 \DeclareFontShape{TS1}{ybd2j}{m}{scit}{
1350 <-> \ybd@scale ybdr2cij8c
1351 }{}
1352
1353 \DeclareFontShape{TS1}{ybd2j}{b}{n}{
1354 <-> \ybd@scale ybdb2j8c
1355 }{}
1356
1357 \DeclareFontShape{TS1}{ybd2j}{b}{sc}{
1358 <-> \ybd@scale ybdb2cj8c
1359 }{}
1360
1361 \DeclareFontShape{TS1}{ybd2j}{b}{it}{
1362 <-> \ybd@scale ybdb2ij8c
1363 }{}
1364
1365 \DeclareFontShape{TS1}{ybd2j}{b}{scit}{
1366 <-> \ybd@scale ybdb2cij8c
1367 }{}
1368
1369 \DeclareFontShape{TS1}{ybd2j}{m}{s1}{<->ssub * ybd2j/m/it}{}
1370 \DeclareFontShape{TS1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
1371 \DeclareFontShape{TS1}{ybd2j}{b}{s1}{<->ssub * ybd2j/b/it}{}
1372 \DeclareFontShape{TS1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{}
1373 \DeclareFontShape{TS1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{}
1374 \DeclareFontShape{TS1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{}
1375 \DeclareFontShape{TS1}{ybd2j}{bx}{s1}{<->ssub * ybd2j/b/s1}{}
1376 \DeclareFontShape{TS1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{}

```

```

1377 \DeclareFontShape{TS1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{}
1378 \DeclareFontShape{TS1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{}
1379

```

B.1.22 ts1ybdj.fd

ts1ybdj.fd (*fd*) Font definitions: family ts1ybdj.

```

1380 %Filename: ts1ybdj.fd
1381 %Based on a file created using fontinst v1.928
1382
1383 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1384
1385 \ProvidesFile{ts1ybdj.fd}
1386 [0000/00/00 font definitions for TS1/ybdj.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

1387 \expandafter\ifx\csname ybd@scale\endcsname\relax
1388   \let\ybd@scale\@empty
1389 \else
1390   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1391 \fi
1392
1393 \DeclareFontFamily{TS1}{ybdj}{}
1394
1395 \DeclareFontShape{TS1}{ybdj}{m}{n}{
1396   <-> \ybd@scale ybdrj8c
1397 }{}
1398
1399 \DeclareFontShape{TS1}{ybdj}{m}{sc}{
1400   <-> \ybd@scale ybdrcj8c
1401 }{}
1402
1403 \DeclareFontShape{TS1}{ybdj}{m}{it}{
1404   <-> \ybd@scale ybdrij8c
1405 }{}
1406
1407 \DeclareFontShape{TS1}{ybdj}{m}{scit}{
1408   <-> \ybd@scale ybdrcij8c
1409 }{}
1410
1411 \DeclareFontShape{TS1}{ybdj}{b}{n}{
1412   <-> \ybd@scale ybdbj8c
1413 }{}
1414
1415 \DeclareFontShape{TS1}{ybdj}{b}{sc}{
1416   <-> \ybd@scale ybdbcj8c
1417 }{}
1418
1419 \DeclareFontShape{TS1}{ybdj}{b}{it}{
1420   <-> \ybd@scale ybdbij8c
1421 }{}
1422
1423 \DeclareFontShape{TS1}{ybdj}{b}{scit}{
1424   <-> \ybd@scale ybdbcij8c

```

```

1425 }{}
1426
1427 \DeclareFontShape{TS1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
1428 \DeclareFontShape{TS1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
1429 \DeclareFontShape{TS1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}
1430 \DeclareFontShape{TS1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
1431 \DeclareFontShape{TS1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
1432 \DeclareFontShape{TS1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
1433 \DeclareFontShape{TS1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
1434 \DeclareFontShape{TS1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}
1435 \DeclareFontShape{TS1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
1436 \DeclareFontShape{TS1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
1437

```

B.2 Font Encodings

These files define variant LY₁, T₁ and TS₁ font encodings.

B.2.1 t1-ybd.enc

t1-ybd.enc (*script*) Font encoding t1-ybd.

```

1438 %%BeginResource: encoding fontinst-autoenc-t1-cfr

1439 /t1-ybd [
1440 % 0
1441 /grave
1442 /acute
1443 /circumflex
1444 /tilde
1445 /dieresis
1446 /hungarumlaut
1447 /ring
1448 /caron
1449 % 8
1450 /breve
1451 /macron
1452 /dotaccent
1453 /cedilla
1454 /ogonek
1455 /quotesinglbase
1456 /guilsinglleft
1457 /guilsinglright
1458 % 16
1459 /quotedblleft
1460 /quotedblright
1461 /quotedblbase
1462 /guillemotleft
1463 /guillemotright
1464 /endash
1465 /emdash
1466 /compwordmark
1467 % 24
1468 /zero.denominator

1469 /dotlessi
1470 /dotlessj
1471 /ff
1472 /fi
1473 /fl
1474 /ffi
1475 /ffl
1476 % 32
1477 /visiblespace
1478 /exclam
1479 /quotedbl
1480 /numbersign.fitted
1481 /dollar.fitted
1482 /percent.fitted
1483 /ampersand
1484 /quoteright
1485 % 40
1486 /parenleft
1487 /parenright
1488 /asterisk
1489 /plus
1490 /comma
1491 /hyphen
1492 /period
1493 /slash
1494 % 48
1495 /zero.fitted
1496 /one.fitted
1497 /two.fitted
1498 /three.fitted

1499 /four.fitted
1500 /five.fitted
1501 /six.fitted
1502 /seven.fitted
1503 % 56
1504 /eight.fitted
1505 /nine.fitted
1506 /colon
1507 /semicolon
1508 /less
1509 /equal
1510 /greater
1511 /question
1512 % 64
1513 /at
1514 /A
1515 /B
1516 /C
1517 /D
1518 /E
1519 /F
1520 /G
1521 % 72
1522 /H
1523 /I
1524 /J
1525 /K
1526 /L
1527 /M
1528 /N

```

1529 /O	1585 /Abreve	1641 /scaron
1530 % 80	1586 /Aogonek	1642 /scedilla
1531 /P	1587 /Cacute	1643 /tcaron
1532 /Q	1588 /Ccaron	1644 /tcedilla
1533 /R	1589 /Dcaron	1645 /uhungarumlaut
1534 /S	1590 /Ecaron	1646 /uring
1535 /T	1591 /Eogonek	1647 % 184
1536 /U	1592 /Gbreve	1648 /ydieresis
1537 /V	1593 % 136	1649 /zacute
1538 /W	1594 /Lacute	1650 /zcaron
1539 % 88	1595 /Lcaron	1651 /zdotaccent
1540 /X	1596 /Lslash	1652 /ij
1541 /Y	1597 /Nacute	1653 /exclamdown
1542 /Z	1598 /Ncaron	1654 /questiondown
1543 /bracketleft	1599 /Eng	1655 /sterling.fitted
1544 /backslash	1600 /Ohungarumlaut	1656 % 192
1545 /bracketright	1601 /Racute	1657 /Agrave
1546 /asciicircum	1602 % 144	1658 /Aacute
1547 /underscore	1603 /Rcaron	1659 /Acircumflex
1548 % 96	1604 /Sacute	1660 /Atilde
1549 /quoteleft	1605 /Scaron	1661 /Adieresis
1550 /a	1606 /Scedilla	1662 /Aring
1551 /b	1607 /Tcaron	1663 /AE
1552 /c	1608 /Tcedilla	1664 /Ccedilla
1553 /d	1609 /Uhungarumlaut	1665 % 200
1554 /e	1610 /Uring	1666 /Egrave
1555 /f	1611 % 152	1667 /Eacute
1556 /g	1612 /Ydieresis	1668 /Ecircumflex
1557 % 104	1613 /Zacute	1669 /Edieresis
1558 /h	1614 /Zcaron	1670 /Igrave
1559 /i	1615 /Zdotaccent	1671 /Iacute
1560 /j	1616 /IJ	1672 /Icircumflex
1561 /k	1617 /Idotaccent	1673 /Idieresis
1562 /l	1618 /dcroat	1674 % 208
1563 /m	1619 /section	1675 /Eth
1564 /n	1620 % 160	1676 /Ntilde
1565 /o	1621 /abreve	1677 /Ograve
1566 % 112	1622 /aogonek	1678 /Oacute
1567 /p	1623 /cacute	1679 /Ocircumflex
1568 /q	1624 /ccaron	1680 /Otilde
1569 /r	1625 /dcaron	1681 /Odieresis
1570 /s	1626 /ecaron	1682 /OE
1571 /t	1627 /eogonek	1683 % 216
1572 /u	1628 /gbreve	1684 /Oslash
1573 /v	1629 % 168	1685 /Ugrave
1574 /w	1630 /lacute	1686 /Uacute
1575 % 120	1631 /lcaron	1687 /Ucircumflex
1576 /x	1632 /lslash	1688 /Udieresis
1577 /y	1633 /nacute	1689 /Yacute
1578 /z	1634 /ncaron	1690 /Thorn
1579 /braceleft	1635 /eng	1691 /SS
1580 /bar	1636 /ohungarumlaut	1692 % 224
1581 /braceright	1637 /racute	1693 /agrave
1582 /asciitilde	1638 % 176	1694 /aacute
1583 /hyphenchar	1639 /rcaron	1695 /acircumflex
1584 % 128	1640 /sacute	1696 /atilde

1697 /adieresis	1709 /idieresis	1721 /ugrave
1698 /aring	1710 % 240	1722 /uacute
1699 /ae	1711 /eth	1723 /ucircumflex
1700 /ccedilla	1712 /ntilde	1724 /udieresis
1701 % 232	1713 /ograve	1725 /yacute
1702 /egrave	1714 /oacute	1726 /thorn
1703 /eacute	1715 /ocircumflex	1727 /germandbls
1704 /ecircumflex	1716 /otilde	1728] def
1705 /edieresis	1717 /odieresis	1729 %%EndResource
1706 /igrave	1718 /oe	1730 %
1707 /iacute	1719 % 248	1731 % End of file
1708 /icircumflex	1720 /oslash	t1-ybd.enc.

B.2.2 t1-ybd0.enc

t1-ybd0.enc (*script*) Font encoding t1-ybdo. Should probably be fontinst-autoenc-t1-dotinferior

```

1732 %%BeginResource: encoding fontinst-autoenc-t1-ybd0

1733 /t1-ybd0 [
1734 % 0
1735 /grave.inferior
1736 /acute.inferior
1737 /circumflex.inferior
1738 /tilde.inferior
1739 /dieresis.inferior
1740 /hungarumlaut.inferior
1741 /ring.inferior
1742 /caron.inferior
1743 % 8
1744 /breve.inferior
1745 /macron.inferior
1746 /dotaccent.inferior
1747 /cedilla.inferior
1748 /ogonek.inferior
1749 /quotesinglbase.inferior
1750 /guilsinglleft.inferior
1751 /guilsinglright.inferior
1752 % 16
1753 /quotedblleft.inferior
1754 /quotedblright.inferior
1755 /quotedblbase.inferior
1756 /guillemotleft.inferior
1757 /guillemotright.inferior
1758 /endash.inferior
1759 /emdash.inferior
1760 /compwordmark.inferior
1761 % 24
1762 /zero.denominator.inferior
1763 /dotlessi.inferior
1764 /dotlessj.inferior
1765 /ff.inferior
1766 /fi.inferior
1767 /fl.inferior
1768 /ffi.inferior
1769 /ffl.inferior
1770 % 32
1771 /visibleospace.inferior
1772 /exclam.inferior
1773 /quotedbl.inferior
1774 /numbersign.inferior
1775 /dollar.inferior
1776 /percent.inferior
1777 /ampersand.inferior
1778 /quoteright.inferior
1779 % 40
1780 /parenleft.inferior
1781 /parenright.inferior
1782 /asterisk.inferior
1783 /plus.inferior
1784 /comma.inferior
1785 /hyphen.inferior
1786 /period.inferior
1787 /slash.inferior
1788 % 48
1789 /zero.inferior
1790 /one.inferior
1791 /two.inferior
1792 /three.inferior
1793 /four.inferior
1794 /five.inferior
1795 /six.inferior
1796 /seven.inferior
1797 % 56
1798 /eight.inferior
1799 /nine.inferior
1800 /colon.inferior
1801 /semicolon.inferior
1802 /less.inferior
1803 /equal.inferior
1804 /greater.inferior

```

1805 /question.inferior	1861 /p.inferior
1806 % 64	1862 /q.inferior
1807 /at.inferior	1863 /r.inferior
1808 /A.inferior	1864 /s.inferior
1809 /B.inferior	1865 /t.inferior
1810 /C.inferior	1866 /u.inferior
1811 /D.inferior	1867 /v.inferior
1812 /E.inferior	1868 /w.inferior
1813 /F.inferior	1869 % 120
1814 /G.inferior	1870 /x.inferior
1815 % 72	1871 /y.inferior
1816 /H.inferior	1872 /z.inferior
1817 /I.inferior	1873 /braceleft.inferior
1818 /J.inferior	1874 /bar.inferior
1819 /K.inferior	1875 /braceright.inferior
1820 /L.inferior	1876 /asciitilde.inferior
1821 /M.inferior	1877 /hyphenchar.inferior
1822 /N.inferior	1878 % 128
1823 /O.inferior	1879 /Abreve.inferior
1824 % 80	1880 /Aogonek.inferior
1825 /P.inferior	1881 /Cacute.inferior
1826 /Q.inferior	1882 /Ccaron.inferior
1827 /R.inferior	1883 /Dcaron.inferior
1828 /S.inferior	1884 /Ecaron.inferior
1829 /T.inferior	1885 /Eogonek.inferior
1830 /U.inferior	1886 /Gbreve.inferior
1831 /V.inferior	1887 % 136
1832 /W.inferior	1888 /Lacute.inferior
1833 % 88	1889 /Lcaron.inferior
1834 /X.inferior	1890 /Lslash.inferior
1835 /Y.inferior	1891 /Nacute.inferior
1836 /Z.inferior	1892 /Ncaron.inferior
1837 /bracketleft.inferior	1893 /Eng.inferior
1838 /backslash.inferior	1894 /Ohungarumlaut.inferior
1839 /bracketright.inferior	1895 /Racute.inferior
1840 /asciicircum.inferior	1896 % 144
1841 /underscore.inferior	1897 /Rcaron.inferior
1842 % 96	1898 /Sacute.inferior
1843 /quoteleft.inferior	1899 /Scaron.inferior
1844 /a.inferior	1900 /Scedilla.inferior
1845 /b.inferior	1901 /Tcaron.inferior
1846 /c.inferior	1902 /Tcedilla.inferior
1847 /d.inferior	1903 /Uhungarumlaut.inferior
1848 /e.inferior	1904 /Uring.inferior
1849 /f.inferior	1905 % 152
1850 /g.inferior	1906 /Ydieresis.inferior
1851 % 104	1907 /Zacute.inferior
1852 /h.inferior	1908 /Zcaron.inferior
1853 /i.inferior	1909 /Zdotaccent.inferior
1854 /j.inferior	1910 /IJ.inferior
1855 /k.inferior	1911 /Idotaccent.inferior
1856 /l.inferior	1912 /dcroat.inferior
1857 /m.inferior	1913 /section.inferior
1858 /n.inferior	1914 % 160
1859 /o.inferior	1915 /abreve.inferior
1860 % 112	1916 /aogonek.inferior

```

1917 /cacute.inferior
1918 /ccaron.inferior
1919 /dcaron.inferior
1920 /ecaron.inferior
1921 /eogonek.inferior
1922 /gbreve.inferior
1923 % 168
1924 /lacute.inferior
1925 /lcaron.inferior
1926 /lslash.inferior
1927 /nacute.inferior
1928 /ncaron.inferior
1929 /eng.inferior
1930 /ohungarumlaut.inferior
1931 /racute.inferior
1932 % 176
1933 /rcaron.inferior
1934 /sacute.inferior
1935 /scaron.inferior
1936 /scedilla.inferior
1937 /tcaron.inferior
1938 /tcedilla.inferior
1939 /uhungarumlaut.inferior
1940 /uring.inferior
1941 % 184
1942 /ydieresis.inferior
1943 /zacute.inferior
1944 /zcaron.inferior
1945 /zdotaccent.inferior
1946 /ij.inferior
1947 /exclamdown.inferior
1948 /questiondown.inferior
1949 /sterling.inferior
1950 % 192
1951 /Agrave.inferior
1952 /Aacute.inferior
1953 /Acircumflex.inferior
1954 /Atilde.inferior
1955 /Adieresis.inferior
1956 /Aring.inferior
1957 /AE.inferior
1958 /Ccedilla.inferior
1959 % 200
1960 /Egrave.inferior
1961 /Eacute.inferior
1962 /Ecircumflex.inferior
1963 /Edieresis.inferior
1964 /Igrave.inferior
1965 /Iacute.inferior
1966 /Icircumflex.inferior
1967 /Idieresis.inferior
1968 % 208
1969 /Eth.inferior
1970 /Ntilde.inferior
1971 /Ograve.inferior
1972 /Oacute.inferior
1973 /Ocircumflex.inferior
1974 /Otilde.inferior
1975 /Odieresis.inferior
1976 /OE.inferior
1977 % 216
1978 /Oslash.inferior
1979 /Ugrave.inferior
1980 /Uacute.inferior
1981 /Ucircumflex.inferior
1982 /Udieresis.inferior
1983 /Yacute.inferior
1984 /Thorn.inferior
1985 /SS.inferior
1986 % 224
1987 /agrave.inferior
1988 /aacute.inferior
1989 /acircumflex.inferior
1990 /atilde.inferior
1991 /adieresis.inferior
1992 /aring.inferior
1993 /ae.inferior
1994 /ccedilla.inferior
1995 % 232
1996 /egrave.inferior
1997 /eacute.inferior
1998 /ecircumflex.inferior
1999 /edieresis.inferior
2000 /igrave.inferior
2001 /iacute.inferior
2002 /icircumflex.inferior
2003 /idieresis.inferior
2004 % 240
2005 /eth.inferior
2006 /ntilde.inferior
2007 /ograve.inferior
2008 /oacute.inferior
2009 /ocircumflex.inferior
2010 /otilde.inferior
2011 /odieresis.inferior
2012 /oe.inferior
2013 % 248
2014 /oslash.inferior
2015 /ugrave.inferior
2016 /uacute.inferior
2017 /ucircumflex.inferior
2018 /udieresis.inferior
2019 /yacute.inferior
2020 /thorn.inferior
2021 /germandbls.inferior
2022 ] def
2023 %%EndResource
2024 %
2025 % End of file t1-ybd0.enc.

```

B.2.3 t1-ybd1.enc

t1-ybd1.enc (*script*) Font encoding t1-ybd1. Should probably be fontinst-autoenc-t1-dotsuperior

```

2026 %%BeginResource: encoding fontinst-autoenc-t1-ybd1

2027 /t1-ybd1 [
2028 % 0
2029 /grave.superior
2030 /acute.superior
2031 /circumflex.superior
2032 /tilde.superior
2033 /dieresis.superior
2034 /hungarumlaut.superior
2035 /ring.superior
2036 /caron.superior
2037 % 8
2038 /breve.superior
2039 /macron.superior
2040 /dotaccent.superior
2041 /cedilla.superior
2042 /ogonek.superior
2043 /quotesinglbase.superior
2044 /guilsinglleft.superior
2045 /guilsinglright.superior
2046 % 16
2047 /quotedblleft.superior
2048 /quotedblright.superior
2049 /quotedblbase.superior
2050 /guillemotleft.superior
2051 /guillemotright.superior
2052 /endash.superior
2053 /emdash.superior
2054 /compwordmark.superior
2055 % 24
2056 /zero.denominator.superior
2057 /dotlessi.superior
2058 /dotlessj.superior
2059 /ff.superior
2060 /fi.superior
2061 /fl.superior
2062 /ffi.superior
2063 /ffl.superior
2064 % 32
2065 /visibleSPACE.superior
2066 /exclam.superior
2067 /quotedbl.superior
2068 /numeralsign.superior
2069 /dollar.superior
2070 /percent.superior
2071 /ampersand.superior
2072 /quoteright.superior
2073 % 40
2074 /parenleft.superior
2075 /parenright.superior
2076 /asterisk.superior

2077 /plus.superior
2078 /comma.superior
2079 /hyphen.superior
2080 /period.superior
2081 /slash.superior
2082 % 48
2083 /zero.superior
2084 /one.superior
2085 /two.superior
2086 /three.superior
2087 /four.superior
2088 /five.superior
2089 /six.superior
2090 /seven.superior
2091 % 56
2092 /eight.superior
2093 /nine.superior
2094 /colon.superior
2095 /semicolon.superior
2096 /less.superior
2097 /equal.superior
2098 /greater.superior
2099 /question.superior
2100 % 64
2101 /at.superior
2102 /A.superior
2103 /B.superior
2104 /C.superior
2105 /D.superior
2106 /E.superior
2107 /F.superior
2108 /G.superior
2109 % 72
2110 /H.superior
2111 /I.superior
2112 /J.superior
2113 /K.superior
2114 /L.superior
2115 /M.superior
2116 /N.superior
2117 /O.superior
2118 % 80
2119 /P.superior
2120 /Q.superior
2121 /R.superior
2122 /S.superior
2123 /T.superior
2124 /U.superior
2125 /V.superior
2126 /W.superior

```

2127 % 88	2183 /Lcaron.superior
2128 /X.superior	2184 /Lslash.superior
2129 /Y.superior	2185 /Nacute.superior
2130 /Z.superior	2186 /Ncaron.superior
2131 /bracketleft.superior	2187 /Eng.superior
2132 /backslash.superior	2188 /Ohungarumlaut.superior
2133 /bracketright.superior	2189 /Racute.superior
2134 /asciicircum.superior	2190 % 144
2135 /underscore.superior	2191 /Rcaron.superior
2136 % 96	2192 /Sacute.superior
2137 /quoteleft.superior	2193 /Scaron.superior
2138 /a.superior	2194 /Scedilla.superior
2139 /b.superior	2195 /Tcaron.superior
2140 /c.superior	2196 /Tcedilla.superior
2141 /d.superior	2197 /Uhungarumlaut.superior
2142 /e.superior	2198 /Uring.superior
2143 /f.superior	2199 % 152
2144 /g.superior	2200 /Ydieresis.superior
2145 % 104	2201 /Zacute.superior
2146 /h.superior	2202 /Zcaron.superior
2147 /i.superior	2203 /Zdotaccent.superior
2148 /j.superior	2204 /IJ.superior
2149 /k.superior	2205 /Idotaccent.superior
2150 /l.superior	2206 /dcroat.superior
2151 /m.superior	2207 /section.superior
2152 /n.superior	2208 % 160
2153 /o.superior	2209 /abreve.superior
2154 % 112	2210 /aogonek.superior
2155 /p.superior	2211 /cacute.superior
2156 /q.superior	2212 /ccaron.superior
2157 /r.superior	2213 /dcaron.superior
2158 /s.superior	2214 /ecaron.superior
2159 /t.superior	2215 /eogonek.superior
2160 /u.superior	2216 /gbreve.superior
2161 /v.superior	2217 % 168
2162 /w.superior	2218 /lacute.superior
2163 % 120	2219 /lcaron.superior
2164 /x.superior	2220 /lslash.superior
2165 /y.superior	2221 /nacute.superior
2166 /z.superior	2222 /ncaron.superior
2167 /braceleft.superior	2223 /eng.superior
2168 /bar.superior	2224 /ohungarumlaut.superior
2169 /braceright.superior	2225 /racute.superior
2170 /asciitilde.superior	2226 % 176
2171 /hyphenchar.superior	2227 /rcaron.superior
2172 % 128	2228 /sacute.superior
2173 /Abreve.superior	2229 /scaron.superior
2174 /Aogonek.superior	2230 /scedilla.superior
2175 /Cacute.superior	2231 /tcaron.superior
2176 /Ccaron.superior	2232 /tcedilla.superior
2177 /Dcaron.superior	2233 /uhungarumlaut.superior
2178 /Ecaron.superior	2234 /uring.superior
2179 /Eogonek.superior	2235 % 184
2180 /Gbreve.superior	2236 /ydieresis.superior
2181 % 136	2237 /zacute.superior
2182 /Lacute.superior	2238 /zcaron.superior

```

2239 /zdotaccent.superior          2280 % 224
2240 /ij.superior                  2281 /agrave.superior
2241 /exclamdown.superior          2282 /acute.superior
2242 /questiondown.superior        2283 /acircumflex.superior
2243 /sterling.superior            2284 /atilde.superior
2244 % 192                          2285 /adieresis.superior
2245 /Agrave.superior              2286 /aring.superior
2246 /Aacute.superior              2287 /ae.superior
2247 /Acircumflex.superior         2288 /ccedilla.superior
2248 /Atilde.superior              2289 % 232
2249 /Adieresis.superior           2290 /egrave.superior
2250 /Aring.superior               2291 /eacute.superior
2251 /AE.superior                  2292 /ecircumflex.superior
2252 /Ccedilla.superior            2293 /edieresis.superior
2253 % 200                          2294 /igrave.superior
2254 /Egrave.superior              2295 /iacute.superior
2255 /Eacute.superior              2296 /icircumflex.superior
2256 /Ecircumflex.superior         2297 /idieresis.superior
2257 /Edieresis.superior           2298 % 240
2258 /Igrave.superior              2299 /eth.superior
2259 /Iacute.superior              2300 /ntilde.superior
2260 /Icircumflex.superior         2301 /ograve.superior
2261 /Idieresis.superior           2302 /oacute.superior
2262 % 208                          2303 /ocircumflex.superior
2263 /Eth.superior                 2304 /otilde.superior
2264 /Ntilde.superior              2305 /odieresis.superior
2265 /Ograve.superior              2306 /oe.superior
2266 /Oacute.superior              2307 % 248
2267 /Ocircumflex.superior         2308 /oslash.superior
2268 /Otilde.superior              2309 /ugrave.superior
2269 /Odieresis.superior           2310 /uacute.superior
2270 /OE.superior                  2311 /ucircumflex.superior
2271 % 216                          2312 /udieresis.superior
2272 /Oslash.superior              2313 /yacute.superior
2273 /Ugrave.superior              2314 /thorn.superior
2274 /Uacute.superior              2315 /germandbls.superior
2275 /Ucircumflex.superior         2316 ] def
2276 /Udieresis.superior           2317 %%EndResource
2277 /Yacute.superior               2318 %
2278 /Thorn.superior               2319 % End of file t1-ybd1.enc.
2279 /SS.superior

```

B.2.4 t1-ybd2.enc

t1-ybd2.enc (*script*) Font encoding t1-ybd2. Should probably be fontinst-autoenc-t1-cfr

```
2320 %%BeginResource: encoding fontinst-autoenc-t1-ybd2
```

```

2321 /t1-ybd2 [                      2328 /hungarumlaut          2335 /cedilla
2322 % 0                              2329 /ring                  2336 /ogonek
2323 /grave                          2330 /caron                  2337 /quotesinglbase
2324 /acute                          2331 % 8                    2338 /guilsinglleft
2325 /circumflex                    2332 /breve                  2339 /guilsinglright
2326 /tilde                          2333 /macron                 2340 % 16
2327 /dieresis                      2334 /dotaccent             2341 /quotedblleft

```

2342 /quotedblright	2398 /C	2454 /u
2343 /quotedblbase	2399 /D	2455 /v
2344 /guillemotleft	2400 /E	2456 /w
2345 /guillemotright	2401 /F	2457 % 120
2346 /endash	2402 /G	2458 /x
2347 /emdash	2403 % 72	2459 /y
2348 /compwordmark	2404 /H	2460 /z
2349 % 24	2405 /I	2461 /braceleft
2350 /zero.denominator	2406 /J	2462 /bar
2351 /dotlessi	2407 /K	2463 /braceright
2352 /dotlessj	2408 /L	2464 /asciitilde
2353 /ff	2409 /M	2465 /hyphenchar
2354 /fi	2410 /N	2466 % 128
2355 /fl	2411 /O	2467 /Abreve
2356 /ffi	2412 % 80	2468 /Aogonek
2357 /ffl	2413 /P	2469 /Cacute
2358 % 32	2414 /Q	2470 /Ccaron
2359 /visiblespace	2415 /R	2471 /Dcaron
2360 /exclam	2416 /S	2472 /Ecaron
2361 /quotedbl	2417 /T	2473 /Eogonek
2362 /numbersign	2418 /U	2474 /Gbreve
2363 /dollar	2419 /V	2475 % 136
2364 /percent	2420 /W	2476 /Lacute
2365 /ampersand	2421 % 88	2477 /Lcaron
2366 /quoteright	2422 /X	2478 /Lslash
2367 % 40	2423 /Y	2479 /Nacute
2368 /parenleft	2424 /Z	2480 /Ncaron
2369 /parenright	2425 /bracketleft	2481 /Eng
2370 /asterisk	2426 /backslash	2482 /Ohungarumlaut
2371 /plus	2427 /bracketright	2483 /Racute
2372 /comma	2428 /asciicircum	2484 % 144
2373 /hyphen	2429 /underscore	2485 /Rcaron
2374 /period	2430 % 96	2486 /Sacute
2375 /slash	2431 /quoteleft	2487 /Scaron
2376 % 48	2432 /a	2488 /Scedilla
2377 /zero	2433 /b	2489 /Tcaron
2378 /one	2434 /c	2490 /Tcedilla
2379 /two	2435 /d	2491 /Uhungarumlaut
2380 /three	2436 /e	2492 /Uring
2381 /four	2437 /f	2493 % 152
2382 /five	2438 /g	2494 /Ydieresis
2383 /six	2439 % 104	2495 /Zacute
2384 /seven	2440 /h	2496 /Zcaron
2385 % 56	2441 /i	2497 /Zdotaccent
2386 /eight	2442 /j	2498 /IJ
2387 /nine	2443 /k	2499 /Idotaccent
2388 /colon	2444 /l	2500 /dcroat
2389 /semicolon	2445 /m	2501 /section
2390 /less	2446 /n	2502 % 160
2391 /equal	2447 /o	2503 /abreve
2392 /greater	2448 % 112	2504 /aogonek
2393 /question	2449 /p	2505 /cacute
2394 % 64	2450 /q	2506 /ccaron
2395 /at	2451 /r	2507 /dcaron
2396 /A	2452 /s	2508 /ecaron
2397 /B	2453 /t	2509 /eogonek

2510 /gbreve	2545 /AE	2580 /aring
2511 % 168	2546 /Ccedilla	2581 /ae
2512 /lacute	2547 % 200	2582 /ccedilla
2513 /lcaron	2548 /Egrave	2583 % 232
2514 /lslash	2549 /Eacute	2584 /egrave
2515 /nacute	2550 /Ecircumflex	2585 /eacute
2516 /ncaron	2551 /Edieresis	2586 /ecircumflex
2517 /eng	2552 /Igrave	2587 /edieresis
2518 /ohungarumlaut	2553 /Iacute	2588 /igrave
2519 /racute	2554 /Icircumflex	2589 /iacute
2520 % 176	2555 /Idieresis	2590 /icircumflex
2521 /rcaron	2556 % 208	2591 /idieresis
2522 /sacute	2557 /Eth	2592 % 240
2523 /scaron	2558 /Ntilde	2593 /eth
2524 /scedilla	2559 /Ograve	2594 /ntilde
2525 /tcaron	2560 /Oacute	2595 /ograve
2526 /tcedilla	2561 /Ocircumflex	2596 /oacute
2527 /uhungarumlaut	2562 /Otilde	2597 /ocircumflex
2528 /uring	2563 /Odieresis	2598 /otilde
2529 % 184	2564 /OE	2599 /odieresis
2530 /ydieresis	2565 % 216	2600 /oe
2531 /zacute	2566 /Oslash	2601 % 248
2532 /zcaron	2567 /Ugrave	2602 /oslash
2533 /zdotaccent	2568 /Uacute	2603 /ugrave
2534 /ij	2569 /Ucircumflex	2604 /uacute
2535 /exclamdown	2570 /Udieresis	2605 /ucircumflex
2536 /questiondown	2571 /Yacute	2606 /udieresis
2537 /sterling	2572 /Thorn	2607 /yacute
2538 % 192	2573 /SS	2608 /thorn
2539 /Agrave	2574 % 224	2609 /germandbls
2540 /Aacute	2575 /agrave	2610] def
2541 /Acircumflex	2576 /aacute	2611 %%EndResource
2542 /Atilde	2577 /acircumflex	2612 %
2543 /Adieresis	2578 /atilde	2613 % End of file
2544 /Aring	2579 /adieresis	t1-ybd2.enc.

B.2.5 t1-ybd2j.enc

t1-ybd2j.enc (script) Font encoding t1-ybd2j.

```
2614 %%BeginResource: encoding fontinst-autoenc-t1-cfr

2615 /t1-ybd2j [
2616 % 0
2617 /grave
2618 /acute
2619 /circumflex
2620 /tilde
2621 /dieresis
2622 /hungarumlaut
2623 /ring
2624 /caron
2625 % 8
2626 /breve
2627 /macron

2628 /dotaccent
2629 /cedilla
2630 /ogonek
2631 /quotesinglbase
2632 /guilsinglleft
2633 /guilsinglright
2634 % 16
2635 /quotedblleft
2636 /quotedblright
2637 /quotedblbase
2638 /guillemotleft
2639 /guillemotright
2640 /endash

2641 /emdash
2642 /compwordmark
2643 % 24
2644 /zero.denominator
2645 /dotlessi
2646 /dotlessj
2647 /ff
2648 /fi
2649 /fl
2650 /ffi
2651 /ffl
2652 % 32
2653 /visibleospace
```


2654 /exclam	2710 /S	2766 /Ecaron
2655 /quotedbl	2711 /T	2767 /Eogonek
2656 /numbersign.oldstyle	2712 /U	2768 /Gbreve
2657 /dollar.oldstyle	2713 /V	2769 % 136
2658 /percent.oldstyle	2714 /W	2770 /Lacute
2659 /ampersand	2715 % 88	2771 /Lcaron
2660 /quoteright	2716 /X	2772 /Lslash
2661 % 40	2717 /Y	2773 /Nacute
2662 /parenleft	2718 /Z	2774 /Ncaron
2663 /parenright	2719 /bracketleft	2775 /Eng
2664 /asterisk	2720 /backslash	2776 /Ohungarumlaut
2665 /plus	2721 /bracketright	2777 /Racute
2666 /comma	2722 /asciicircum	2778 % 144
2667 /hyphen	2723 /underscore	2779 /Rcaron
2668 /period	2724 % 96	2780 /Sacute
2669 /slash	2725 /quoteleft	2781 /Scaron
2670 % 48	2726 /a	2782 /Scedilla
2671 /zero.oldstyle	2727 /b	2783 /Tcaron
2672 /one.oldstyle	2728 /c	2784 /Tcedilla
2673 /two.oldstyle	2729 /d	2785 /Uhungarumlaut
2674 /three.oldstyle	2730 /e	2786 /Uring
2675 /four.oldstyle	2731 /f	2787 % 152
2676 /five.oldstyle	2732 /g	2788 /Ydieresis
2677 /six.oldstyle	2733 % 104	2789 /Zacute
2678 /seven.oldstyle	2734 /h	2790 /Zcaron
2679 % 56	2735 /i	2791 /Zdotaccent
2680 /eight.oldstyle	2736 /j	2792 /IJ
2681 /nine.oldstyle	2737 /k	2793 /Idotaccent
2682 /colon	2738 /l	2794 /dcroat
2683 /semicolon	2739 /m	2795 /section
2684 /less	2740 /n	2796 % 160
2685 /equal	2741 /o	2797 /abreve
2686 /greater	2742 % 112	2798 /aogonek
2687 /question	2743 /p	2799 /cacute
2688 % 64	2744 /q	2800 /ccaron
2689 /at	2745 /r	2801 /dcaron
2690 /A	2746 /s	2802 /ecaron
2691 /B	2747 /t	2803 /eogonek
2692 /C	2748 /u	2804 /gbreve
2693 /D	2749 /v	2805 % 168
2694 /E	2750 /w	2806 /lacute
2695 /F	2751 % 120	2807 /lcaron
2696 /G	2752 /x	2808 /lslash
2697 % 72	2753 /y	2809 /nacute
2698 /H	2754 /z	2810 /ncaron
2699 /I	2755 /braceleft	2811 /eng
2700 /J	2756 /bar	2812 /ohungarumlaut
2701 /K	2757 /braceright	2813 /racute
2702 /L	2758 /asciitilde	2814 % 176
2703 /M	2759 /hyphenchar	2815 /rcaron
2704 /N	2760 % 128	2816 /sacute
2705 /O	2761 /Abreve	2817 /scaron
2706 % 80	2762 /Aogonek	2818 /scedilla
2707 /P	2763 /Cacute	2819 /tcaron
2708 /Q	2764 /Ccaron	2820 /tcedilla
2709 /R	2765 /Dcaron	2821 /uhungarumlaut

2822 /uring	2851 /Eth	2880 /ecircumflex
2823 % 184	2852 /Ntilde	2881 /edieresis
2824 /ydieresis	2853 /Ograve	2882 /igrave
2825 /zacute	2854 /Oacute	2883 /iacute
2826 /zcaron	2855 /Ocircumflex	2884 /icircumflex
2827 /zdotaccent	2856 /Otilde	2885 /idieresis
2828 /ij	2857 /Odieresis	2886 % 240
2829 /exclamdown	2858 /OE	2887 /eth
2830 /questiondown	2859 % 216	2888 /ntilde
2831 /sterling.oldstyle	2860 /Oslash	2889 /ograve
2832 % 192	2861 /Ugrave	2890 /oacute
2833 /Agrave	2862 /Uacute	2891 /ocircumflex
2834 /Aacute	2863 /Ucircumflex	2892 /otilde
2835 /Acircumflex	2864 /Udieresis	2893 /odieresis
2836 /Atilde	2865 /Yacute	2894 /oe
2837 /Adieresis	2866 /Thorn	2895 % 248
2838 /Aring	2867 /SS	2896 /oslash
2839 /AE	2868 % 224	2897 /ugrave
2840 /Ccedilla	2869 /agrave	2898 /uacute
2841 % 200	2870 /aacute	2899 /ucircumflex
2842 /Egrave	2871 /acircumflex	2900 /udieresis
2843 /Eacute	2872 /atilde	2901 /yacute
2844 /Ecircumflex	2873 /adieresis	2902 /thorn
2845 /Edieresis	2874 /aring	2903 /germandbls
2846 /Igrave	2875 /ae	2904] def
2847 /Iacute	2876 /ccedilla	2905 %%EndResource
2848 /Icircumflex	2877 % 232	2906 %
2849 /Idieresis	2878 /egrave	2907 % End of file
2850 % 208	2879 /eacute	t1-ybd2j.enc.

B.2.6 t1-ybdj.enc

t1-ybdj.enc (*script*) Font encoding t1-ybdj.

```

2908 %%BeginResource: encoding fontinst-autoenc-t1-cfr

2909 /t1-ybdj [
2910 % 0
2911 /grave
2912 /acute
2913 /circumflex
2914 /tilde
2915 /dieresis
2916 /hungarumlaut
2917 /ring
2918 /caron
2919 % 8
2920 /breve
2921 /macron
2922 /dotaccent
2923 /cedilla
2924 /ogonek
2925 /quotesinglbase
2926 /guilsinglleft
2927 /guilsinglright

2928 % 16
2929 /quotedblleft
2930 /quotedblright
2931 /quotedblbase
2932 /guillemotleft
2933 /guillemotright
2934 /endash
2935 /emdash
2936 /compwordmark
2937 % 24
2938 /zero.denominator
2939 /dotlessi
2940 /dotlessj
2941 /ff
2942 /fi
2943 /fl
2944 /ffi
2945 /ffl
2946 % 32

```

2947	/visiblespace	3003	/R
2948	/exclam	3004	/S
2949	/quotedbl	3005	/T
2950	/numbersign.taboldstyle	3006	/U
2951	/dollar.taboldstyle	3007	/V
2952	/percent.taboldstyle	3008	/W
2953	/ampersand	3009	% 88
2954	/quoteright	3010	/X
2955	% 40	3011	/Y
2956	/parenleft	3012	/Z
2957	/parenright	3013	/bracketleft
2958	/asterisk	3014	/backslash
2959	/plus	3015	/bracketright
2960	/comma	3016	/asciicircum
2961	/hyphen	3017	/underscore
2962	/period	3018	% 96
2963	/slash	3019	/quoteleft
2964	% 48	3020	/a
2965	/zero.taboldstyle	3021	/b
2966	/one.taboldstyle	3022	/c
2967	/two.taboldstyle	3023	/d
2968	/three.taboldstyle	3024	/e
2969	/four.taboldstyle	3025	/f
2970	/five.taboldstyle	3026	/g
2971	/six.taboldstyle	3027	% 104
2972	/seven.taboldstyle	3028	/h
2973	% 56	3029	/i
2974	/eight.taboldstyle	3030	/j
2975	/nine.taboldstyle	3031	/k
2976	/colon	3032	/l
2977	/semicolon	3033	/m
2978	/less	3034	/n
2979	/equal	3035	/o
2980	/greater	3036	% 112
2981	/question	3037	/p
2982	% 64	3038	/q
2983	/at	3039	/r
2984	/A	3040	/s
2985	/B	3041	/t
2986	/C	3042	/u
2987	/D	3043	/v
2988	/E	3044	/w
2989	/F	3045	% 120
2990	/G	3046	/x
2991	% 72	3047	/y
2992	/H	3048	/z
2993	/I	3049	/braceleft
2994	/J	3050	/bar
2995	/K	3051	/braceright
2996	/L	3052	/asciitilde
2997	/M	3053	/hyphenchar
2998	/N	3054	% 128
2999	/O	3055	/Abreve
3000	% 80	3056	/Aogonek
3001	/P	3057	/Cacute
3002	/Q	3058	/Ccaron

3059 /Dcaron	3115 /uhungarumlaut
3060 /Ecaron	3116 /uring
3061 /Eogonek	3117 % 184
3062 /Gbreve	3118 /ydieresis
3063 % 136	3119 /zacute
3064 /Lacute	3120 /zcaron
3065 /Lcaron	3121 /zdotaccent
3066 /Lslash	3122 /ij
3067 /Nacute	3123 /exclamdown
3068 /Ncaron	3124 /questiondown
3069 /Eng	3125 /sterling.taboldstyle
3070 /Ohungarumlaut	3126 % 192
3071 /Racute	3127 /Agrave
3072 % 144	3128 /Aacute
3073 /Rcaron	3129 /Acircumflex
3074 /Sacute	3130 /Atilde
3075 /Scaron	3131 /Adieresis
3076 /Scedilla	3132 /Aring
3077 /Tcaron	3133 /AE
3078 /Tcedilla	3134 /Ccedilla
3079 /Uhungarumlaut	3135 % 200
3080 /Uring	3136 /Egrave
3081 % 152	3137 /Eacute
3082 /Ydieresis	3138 /Ecircumflex
3083 /Zacute	3139 /Edieresis
3084 /Zcaron	3140 /Igrave
3085 /Zdotaccent	3141 /Iacute
3086 /IJ	3142 /Icircumflex
3087 /Idotaccent	3143 /Idieresis
3088 /dcroat	3144 % 208
3089 /section	3145 /Eth
3090 % 160	3146 /Ntilde
3091 /abreve	3147 /Ograve
3092 /aogonek	3148 /Oacute
3093 /cacute	3149 /Ocircumflex
3094 /ccaron	3150 /Otilde
3095 /dcaron	3151 /Odieresis
3096 /ecaron	3152 /OE
3097 /eogonek	3153 % 216
3098 /gbreve	3154 /Oslash
3099 % 168	3155 /Ugrave
3100 /lacute	3156 /Uacute
3101 /lcaron	3157 /Ucircumflex
3102 /lslash	3158 /Udieresis
3103 /nacute	3159 /Yacute
3104 /ncaron	3160 /Thorn
3105 /eng	3161 /SS
3106 /ohungarumlaut	3162 % 224
3107 /racute	3163 /agrave
3108 % 176	3164 /aacute
3109 /rcaron	3165 /acircumflex
3110 /sacute	3166 /atilde
3111 /scaron	3167 /adieresis
3112 /scedilla	3168 /aring
3113 /tcaron	3169 /ae
3114 /tcedilla	3170 /ccedilla

3171 % 232	3187 /odieresis
3172 /egrave	3188 /oe
3173 /eacute	3189 % 248
3174 /ecircumflex	3190 /oslash
3175 /edieresis	3191 /ugrave
3176 /igrave	3192 /uacute
3177 /iacute	3193 /ucircumflex
3178 /icircumflex	3194 /udieresis
3179 /idieresis	3195 /yacute
3180 % 240	3196 /thorn
3181 /eth	3197 /germandbls
3182 /ntilde	3198] def
3183 /ograve	3199 %%EndResource
3184 /oacute	3200 %
3185 /ocircumflex	3201 % End of file t1-ybdj.enc.
3186 /otilde	

B.2.7 texnansi-ybd.enc

texnansi-ybd.enc (*script*) Font encoding texnansi-ybd.

3202 /TeXnANSIEncoding-ybd [% now 256 chars follow
3203 /fj	% 0x00 0 .notdef in texnansi
3204 /Euro.fitted	% 0x01 1 /uni20AC
3205 /ffj	% 0x02 2 .notdef in texnansi
3206 /wcircumflex	% 0x03 3 .notdef in texnansi
3207 /fraction	% 0x04 4
3208 /dotaccent	% 0x05 5
3209 /hungarumlaut	% 0x06 6
3210 /ogonek	% 0x07 7
3211 /fl	% 0x08 8
3212 /Wcircumflex	% 0x09 9 /fraction at 4, backward compatibility
only; .notdef in texnansi	
3213 /Ycircumflex	% 0x0A 10 not used, except boundary char internally
3214 /ff	% 0x0B 11
3215 /fi	% 0x0C 12
3216 /ycircumflex	% 0x0D 13 /fl at 8, backward compatibility only;
.notdef in texnansi	
3217 /ffi	% 0x0E 14
3218 /ffl	% 0x0F 15
3219 /dotlessi	% 0x10 16
3220 /dotlessj	% 0x11 17
3221 /grave	% 0x12 18
3222 /acute	% 0x13 19
3223 /caron	% 0x14 20
3224 /breve	% 0x15 21
3225 /macron	% 0x16 22
3226 /ring	% 0x17 23
3227 /cedilla	% 0x18 24
3228 /germandbls	% 0x19 25
3229 /ae	% 0x1A 26
3230 /oe	% 0x1B 27
3231 /oslash	% 0x1C 28
3232 /AE	% 0x1D 29
3233 /OE	% 0x1E 30

3234	/Oslash	% 0x1F	31
3235	/space	% 0x20	32 /suppress in TeX text
3236	/exclam	% 0x21	33
3237	/quotedbl	% 0x22	34 /quotedblright in TeX text
3238	/numbersign.fitted	% 0x23	35
3239	/dollar.fitted	% 0x24	36
3240	/percent.fitted	% 0x25	37
3241	/ampersand	% 0x26	38
3242	/quoteright	% 0x27	39 /quotesingle in ANSI
3243	/parenleft	% 0x28	40
3244	/parenright	% 0x29	41
3245	/asterisk	% 0x2A	42
3246	/plus	% 0x2B	43
3247	/comma	% 0x2C	44
3248	/hyphen	% 0x2D	45
3249	/period	% 0x2E	46
3250	/slash	% 0x2F	47
3251	/zero.fitted	% 0x30	48
3252	/one.fitted	% 0x31	49
3253	/two.fitted	% 0x32	50
3254	/three.fitted	% 0x33	51
3255	/four.fitted	% 0x34	52
3256	/five.fitted	% 0x35	53
3257	/six.fitted	% 0x36	54
3258	/seven.fitted	% 0x37	55
3259	/eight.fitted	% 0x38	56
3260	/nine.fitted	% 0x39	57
3261	/colon	% 0x3A	58
3262	/semicolon	% 0x3B	59
3263	/less	% 0x3C	60 /exclamdown in TeX text
3264	/equal	% 0x3D	61
3265	/greater	% 0x3E	62 /questiondown in TeX text
3266	/question	% 0x3F	63
3267	/at	% 0x40	64
3268	/A	% 0x41	65
3269	/B	% 0x42	66
3270	/C	% 0x43	67
3271	/D	% 0x44	68
3272	/E	% 0x45	69
3273	/F	% 0x46	70
3274	/G	% 0x47	71
3275	/H	% 0x48	72
3276	/I	% 0x49	73
3277	/J	% 0x4A	74
3278	/K	% 0x4B	75
3279	/L	% 0x4C	76
3280	/M	% 0x4D	77
3281	/N	% 0x4E	78
3282	/O	% 0x4F	79
3283	/P	% 0x50	80
3284	/Q	% 0x51	81
3285	/R	% 0x52	82
3286	/S	% 0x53	83
3287	/T	% 0x54	84
3288	/U	% 0x55	85
3289	/V	% 0x56	86

3290	/W	% 0x57	87
3291	/X	% 0x58	88
3292	/Y	% 0x59	89
3293	/Z	% 0x5A	90
3294	/bracketleft	% 0x5B	91
3295	/backslash	% 0x5C	92 /quotedblleft in TeX text
3296	/bracketright	% 0x5D	93
3297	/circumflex	% 0x5E	94 /asciicircum in ASCII
3298	/underscore	% 0x5F	95 /dotaccent in TeX text
3299	/quoteleft	% 0x60	96 /grave accent in ANSI
3300	/a	% 0x61	97
3301	/b	% 0x62	98
3302	/c	% 0x63	99
3303	/d	% 0x64	100
3304	/e	% 0x65	101
3305	/f	% 0x66	102
3306	/g	% 0x67	103
3307	/h	% 0x68	104
3308	/i	% 0x69	105
3309	/j	% 0x6A	106
3310	/k	% 0x6B	107
3311	/l	% 0x6C	108
3312	/m	% 0x6D	109
3313	/n	% 0x6E	110
3314	/o	% 0x6F	111
3315	/p	% 0x70	112
3316	/q	% 0x71	113
3317	/r	% 0x72	114
3318	/s	% 0x73	115
3319	/t	% 0x74	116
3320	/u	% 0x75	117
3321	/v	% 0x76	118
3322	/w	% 0x77	119
3323	/x	% 0x78	120
3324	/y	% 0x79	121
3325	/z	% 0x7A	122
3326	/braceleft	% 0x7B	123 /endash in TeX text
3327	/bar	% 0x7C	124 /emdash in TeX text
3328	/braceright	% 0x7D	125 /hungarumlaut in TeX text
3329	/tilde	% 0x7E	126 /asciitilde in ASCII
3330	/dieresis	% 0x7F	127 also at 168
3331	/Lslash	% 0x80	128 position is unfortunate, but too late to fix
3332	/quotesingle	% 0x81	129
3333	/quotesinglbase	% 0x82	130
3334	/florin	% 0x83	131
3335	/quotedblbase	% 0x84	132
3336	/ellipsis	% 0x85	133
3337	/dagger	% 0x86	134
3338	/daggerdbl	% 0x87	135
3339	/circumflex	% 0x88	136
3340	/perthousand	% 0x89	137
3341	/Scaron	% 0x8A	138
3342	/guilsinglleft	% 0x8B	139
3343	/OE	% 0x8C	140
3344	/Zcaron	% 0x8D	141

3345	/asciicircum	% 0x8E	142
3346	/minus	% 0x8F	143
3347	/lslash	% 0x90	144
3348	/quoteleft	% 0x91	145
3349	/quoteright	% 0x92	146
3350	/quotedblleft	% 0x93	147
3351	/quotedblright	% 0x94	148
3352	/bullet	% 0x95	149
3353	/endash	% 0x96	150
3354	/emdash	% 0x97	151
3355	/tilde	% 0x98	152
3356	/trademark	% 0x99	153
3357	/scaron	% 0x9A	154
3358	/guilsinglright	% 0x9B	155
3359	/oe	% 0x9C	156
3360	/zcaron	% 0x9D	157
3361	/asciitilde	% 0x9E	158
3362	/Ydieresis	% 0x9F	159
3363	/nbsp	% 0xA0	160 no break space
3364	/exclamdown	% 0xA1	161
3365	/cent.fitted	% 0xA2	162
3366	/sterling.fitted	% 0xA3	163
3367	/currency	% 0xA4	164
3368	/yen.fitted	% 0xA5	165
3369	/brokenbar	% 0xA6	166
3370	/section	% 0xA7	167
3371	/dieresis	% 0xA8	168
3372	/copyright	% 0xA9	169
3373	/ordfeminine	% 0xAA	170
3374	/guillemotleft	% 0xAB	171
3375	/logicalnot	% 0xAC	172
3376	/sfthyphen	% 0xAD	173 /hyphen (hanging hyphen)
3377	/registered	% 0xAE	174
3378	/macron	% 0xAF	175
3379	/degree	% 0xB0	176
3380	/plusminus	% 0xB1	177
3381	/two.superior	% 0xB2	178
3382	/three.superior	% 0xB3	179
3383	/acute	% 0xB4	180
3384	/mu	% 0xB5	181
3385	/paragraph	% 0xB6	182
3386	/periodcentered	% 0xB7	183
3387	/cedilla	% 0xB8	184
3388	/one.superior	% 0xB9	185
3389	/ordmasculine	% 0xBA	186
3390	/guillemotright	% 0xBB	187
3391	/onequarter	% 0xBC	188
3392	/onehalf	% 0xBD	189
3393	/threequarters	% 0xBE	190
3394	/questiondown	% 0xBF	191
3395	/Agrave	% 0xC0	192
3396	/Aacute	% 0xC1	193
3397	/Acircumflex	% 0xC2	194
3398	/Atilde	% 0xC3	195
3399	/Adieresis	% 0xC4	196
3400	/Aring	% 0xC5	197

3401	/AE	% 0xC6	198
3402	/Ccedilla	% 0xC7	199
3403	/Egrave	% 0xC8	200
3404	/Eacute	% 0xC9	201
3405	/Ecircumflex	% 0xCA	202
3406	/Edieresis	% 0xCB	203
3407	/Igrave	% 0xCC	204
3408	/Iacute	% 0xCD	205
3409	/Icircumflex	% 0xCE	206
3410	/Idieresis	% 0xCF	207
3411	/Eth	% 0xD0	208
3412	/Ntilde	% 0xD1	209
3413	/Ograve	% 0xD2	210
3414	/Oacute	% 0xD3	211
3415	/Ocircumflex	% 0xD4	212
3416	/Otilde	% 0xD5	213
3417	/Odieresis	% 0xD6	214
3418	/multiply	% 0xD7	215 OE in T1
3419	/Oslash	% 0xD8	216
3420	/Ugrave	% 0xD9	217
3421	/Uacute	% 0xDA	218
3422	/Ucircumflex	% 0xDB	219
3423	/Udieresis	% 0xDC	220
3424	/Yacute	% 0xDD	221
3425	/Thorn	% 0xDE	222
3426	/germandbls	% 0xDF	223
3427	/agrave	% 0xE0	224
3428	/aacute	% 0xE1	225
3429	/acircumflex	% 0xE2	226
3430	/atilde	% 0xE3	227
3431	/adieresis	% 0xE4	228
3432	/aring	% 0xE5	229
3433	/ae	% 0xE6	230
3434	/ccedilla	% 0xE7	231
3435	/egrave	% 0xE8	232
3436	/eacute	% 0xE9	233
3437	/ecircumflex	% 0xEA	234
3438	/edieresis	% 0xEB	235
3439	/igrave	% 0xEC	236
3440	/iacute	% 0xED	237
3441	/icircumflex	% 0xEE	238
3442	/idieresis	% 0xEF	239
3443	/eth	% 0xF0	240
3444	/ntilde	% 0xF1	241
3445	/ograve	% 0xF2	242
3446	/oacute	% 0xF3	243
3447	/ocircumflex	% 0xF4	244
3448	/otilde	% 0xF5	245
3449	/odieresis	% 0xF6	246
3450	/divide	% 0xF7	247 oe in T1
3451	/oslash	% 0xF8	248
3452	/ugrave	% 0xF9	249
3453	/uacute	% 0xFA	250
3454	/ucircumflex	% 0xFB	251
3455	/udieresis	% 0xFC	252
3456	/yacute	% 0xFD	253

```

3457 /thorn                % 0xFE 254
3458 /ydieresis           % 0xFF 255 germandbls in T1
3459 ] def

```

B.2.8 texnansi-ybd0.enc

texnansi-ybd0.enc (*script*) Font encoding texnansi-ybdo.

```

3460 /TeXnANSIEncoding-ybd0 [ % now 256 chars follow
3461 /fj.inferior             % 0x00 0 .notdef in texnansi
3462 /Euro.inferior         % 0x01 1 /uni20AC
3463 /ffj.inferior         % 0x02 2 .notdef in texnansi
3464 /wcircumflex.inferior % 0x03 3 .notdef in texnansi
3465 /fraction.inferior    % 0x04 4
3466 /dotaccent.inferior   % 0x05 5
3467 /hungarumlaut.inferior % 0x06 6
3468 /ogonek.inferior     % 0x07 7
3469 /fl.inferior         % 0x08 8
3470 /Wcircumflex.inferior % 0x09 9 /fraction at 4, backward compatib
only; .notdef in texnansi
3471 /Ycircumflex.inferior % 0x0A 10 not used, except boundary char
internally
3472 /ff.inferior         % 0x0B 11
3473 /fi.inferior         % 0x0C 12
3474 /ycircumflex.inferior % 0x0D 13 /fl at 8, backward compatibility
only; .notdef in texnansi
3475 /ffi.inferior       % 0x0E 14
3476 /ffl.inferior       % 0x0F 15
3477 /dotlessi.inferior  % 0x10 16
3478 /dotlessj.inferior  % 0x11 17
3479 /grave.inferior     % 0x12 18
3480 /acute.inferior     % 0x13 19
3481 /caron.inferior     % 0x14 20
3482 /breve.inferior     % 0x15 21
3483 /macron.inferior    % 0x16 22
3484 /ring.inferior      % 0x17 23
3485 /cedilla.inferior   % 0x18 24
3486 /germandbls.inferior % 0x19 25
3487 /ae.inferior        % 0x1A 26
3488 /oe.inferior        % 0x1B 27
3489 /oslash.inferior    % 0x1C 28
3490 /AE.inferior        % 0x1D 29
3491 /OE.inferior        % 0x1E 30
3492 /Oslash.inferior    % 0x1F 31
3493 /space.inferior     % 0x20 32 /suppress in TeX text
3494 /exclam.inferior    % 0x21 33
3495 /quotedbl.inferior  % 0x22 34 /quotedblright in TeX text
3496 /numbersign.inferior % 0x23 35
3497 /dollar.inferior    % 0x24 36
3498 /percent.inferior   % 0x25 37
3499 /ampersand.inferior % 0x26 38
3500 /quoteright.inferior % 0x27 39 /quotesingle in ANSI
3501 /parenleft.inferior % 0x28 40
3502 /parenright.inferior % 0x29 41
3503 /asterisk.inferior  % 0x2A 42

```

3504	/plus.inferior	% 0x2B	43	
3505	/comma.inferior	% 0x2C	44	
3506	/hyphen.inferior	% 0x2D	45	
3507	/period.inferior	% 0x2E	46	
3508	/slash.inferior	% 0x2F	47	
3509	/zero.inferior	% 0x30	48	
3510	/one.inferior	% 0x31	49	
3511	/two.inferior	% 0x32	50	
3512	/three.inferior	% 0x33	51	
3513	/four.inferior	% 0x34	52	
3514	/five.inferior	% 0x35	53	
3515	/six.inferior	% 0x36	54	
3516	/seven.inferior	% 0x37	55	
3517	/eight.inferior	% 0x38	56	
3518	/nine.inferior	% 0x39	57	
3519	/colon.inferior	% 0x3A	58	
3520	/semicolon.inferior	% 0x3B	59	
3521	/less.inferior	% 0x3C	60	/exclamdown in Tex text
3522	/equal.inferior	% 0x3D	61	
3523	/greater.inferior	% 0x3E	62	/questiondown in TeX text
3524	/question.inferior	% 0x3F	63	
3525	/at.inferior	% 0x40	64	
3526	/A.inferior	% 0x41	65	
3527	/B.inferior	% 0x42	66	
3528	/C.inferior	% 0x43	67	
3529	/D.inferior	% 0x44	68	
3530	/E.inferior	% 0x45	69	
3531	/F.inferior	% 0x46	70	
3532	/G.inferior	% 0x47	71	
3533	/H.inferior	% 0x48	72	
3534	/I.inferior	% 0x49	73	
3535	/J.inferior	% 0x4A	74	
3536	/K.inferior	% 0x4B	75	
3537	/L.inferior	% 0x4C	76	
3538	/M.inferior	% 0x4D	77	
3539	/N.inferior	% 0x4E	78	
3540	/O.inferior	% 0x4F	79	
3541	/P.inferior	% 0x50	80	
3542	/Q.inferior	% 0x51	81	
3543	/R.inferior	% 0x52	82	
3544	/S.inferior	% 0x53	83	
3545	/T.inferior	% 0x54	84	
3546	/U.inferior	% 0x55	85	
3547	/V.inferior	% 0x56	86	
3548	/W.inferior	% 0x57	87	
3549	/X.inferior	% 0x58	88	
3550	/Y.inferior	% 0x59	89	
3551	/Z.inferior	% 0x5A	90	
3552	/bracketleft.inferior	% 0x5B	91	
3553	/backslash.inferior	% 0x5C	92	/quotedblleft in TeX text
3554	/bracketright.inferior	% 0x5D	93	
3555	/circumflex.inferior	% 0x5E	94	/asciicircum in ASCII
3556	/underscore.inferior	% 0x5F	95	/dotaccent in TeX text
3557	/quoteleft.inferior	% 0x60	96	/grave accent in ANSI
3558	/a.inferior	% 0x61	97	
3559	/b.inferior	% 0x62	98	

3560	/c.inferior	% 0x63	99	
3561	/d.inferior	% 0x64	100	
3562	/e.inferior	% 0x65	101	
3563	/f.inferior	% 0x66	102	
3564	/g.inferior	% 0x67	103	
3565	/h.inferior	% 0x68	104	
3566	/i.inferior	% 0x69	105	
3567	/j.inferior	% 0x6A	106	
3568	/k.inferior	% 0x6B	107	
3569	/l.inferior	% 0x6C	108	
3570	/m.inferior	% 0x6D	109	
3571	/n.inferior	% 0x6E	110	
3572	/o.inferior	% 0x6F	111	
3573	/p.inferior	% 0x70	112	
3574	/q.inferior	% 0x71	113	
3575	/r.inferior	% 0x72	114	
3576	/s.inferior	% 0x73	115	
3577	/t.inferior	% 0x74	116	
3578	/u.inferior	% 0x75	117	
3579	/v.inferior	% 0x76	118	
3580	/w.inferior	% 0x77	119	
3581	/x.inferior	% 0x78	120	
3582	/y.inferior	% 0x79	121	
3583	/z.inferior	% 0x7A	122	
3584	/braceleft.inferior	% 0x7B	123	/endash in TeX text
3585	/bar.inferior	% 0x7C	124	/emdash in TeX text
3586	/braceright.inferior	% 0x7D	125	/hungarumlaut in TeX text
3587	/tilde.inferior	% 0x7E	126	/asciitilde in ASCII
3588	/dieresis.inferior	% 0x7F	127	also at 168
3589	/Lslash.inferior	% 0x80	128	position is unfortunate, but too late to fix
3590	/quotesingle.inferior	% 0x81	129	
3591	/quotesinglbase.inferior	% 0x82	130	
3592	/florin.inferior	% 0x83	131	
3593	/quotedblbase.inferior	% 0x84	132	
3594	/ellipsis.inferior	% 0x85	133	
3595	/dagger.inferior	% 0x86	134	
3596	/daggerdbl.inferior	% 0x87	135	
3597	/circumflex.inferior	% 0x88	136	
3598	/perthousand.inferior	% 0x89	137	
3599	/Scaron.inferior	% 0x8A	138	
3600	/guilsinglleft.inferior	% 0x8B	139	
3601	/OE.inferior	% 0x8C	140	
3602	/Zcaron.inferior	% 0x8D	141	
3603	/asciicircum.inferior	% 0x8E	142	
3604	/minus.inferior	% 0x8F	143	
3605	/lslash.inferior	% 0x90	144	
3606	/quoteleft.inferior	% 0x91	145	
3607	/quoteright.inferior	% 0x92	146	
3608	/quotedblleft.inferior	% 0x93	147	
3609	/quotedblright.inferior	% 0x94	148	
3610	/bullet.inferior	% 0x95	149	
3611	/endash.inferior	% 0x96	150	
3612	/emdash.inferior	% 0x97	151	
3613	/tilde.inferior	% 0x98	152	
3614	/trademark.inferior	% 0x99	153	

3615	/scaron.inferior	% 0x9A	154	
3616	/guilsingright.inferior	% 0x9B	155	
3617	/oe.inferior	% 0x9C	156	
3618	/zcaron.inferior	% 0x9D	157	
3619	/asciitilde.inferior	% 0x9E	158	
3620	/Ydieresis.inferior	% 0x9F	159	
3621	/nbspace.inferior	% 0xA0	160	no break space
3622	/exclamdown.inferior	% 0xA1	161	
3623	/cent.inferior	% 0xA2	162	
3624	/sterling.inferior	% 0xA3	163	
3625	/currency.inferior	% 0xA4	164	
3626	/yen.inferior	% 0xA5	165	
3627	/brokenbar.inferior	% 0xA6	166	
3628	/section.inferior	% 0xA7	167	
3629	/dieresis.inferior	% 0xA8	168	
3630	/copyright.inferior	% 0xA9	169	
3631	/ordfeminine.inferior	% 0xAA	170	
3632	/guillemotleft.inferior	% 0xAB	171	
3633	/logicalnot.inferior	% 0xAC	172	
3634	/sfthyphen.inferior	% 0xAD	173	/hyphen (hanging hyphen)
3635	/registered.inferior	% 0xAE	174	
3636	/macron.inferior	% 0xAF	175	
3637	/degree.inferior	% 0xB0	176	
3638	/plusminus.inferior	% 0xB1	177	
3639	/two.superior	% 0xB2	178	
3640	/three.superior	% 0xB3	179	
3641	/acute.inferior	% 0xB4	180	
3642	/mu.inferior	% 0xB5	181	
3643	/paragraph.inferior	% 0xB6	182	
3644	/periodcentered.inferior	% 0xB7	183	
3645	/cedilla.inferior	% 0xB8	184	
3646	/one.superior	% 0xB9	185	
3647	/ordmasculine.inferior	% 0xBA	186	
3648	/guillemotright.inferior	% 0xBB	187	
3649	/onequarter.inferior	% 0xBC	188	
3650	/onehalf.inferior	% 0xBD	189	
3651	/threequarters.inferior	% 0xBE	190	
3652	/questiondown.inferior	% 0xBF	191	
3653	/Agrave.inferior	% 0xC0	192	
3654	/Aacute.inferior	% 0xC1	193	
3655	/Acircumflex.inferior	% 0xC2	194	
3656	/Atilde.inferior	% 0xC3	195	
3657	/Adieresis.inferior	% 0xC4	196	
3658	/Aring.inferior	% 0xC5	197	
3659	/AE.inferior	% 0xC6	198	
3660	/Ccedilla.inferior	% 0xC7	199	
3661	/Egrave.inferior	% 0xC8	200	
3662	/Eacute.inferior	% 0xC9	201	
3663	/Ecircumflex.inferior	% 0xCA	202	
3664	/Edieresis.inferior	% 0xCB	203	
3665	/Igrave.inferior	% 0xCC	204	
3666	/Iacute.inferior	% 0xCD	205	
3667	/Icircumflex.inferior	% 0xCE	206	
3668	/Idieresis.inferior	% 0xCF	207	
3669	/Eth.inferior	% 0xD0	208	
3670	/Ntilde.inferior	% 0xD1	209	

```

3671 /Ograve.inferior          % 0xD2 210
3672 /Oacute.inferior          % 0xD3 211
3673 /Ocircumflex.inferior     % 0xD4 212
3674 /Otilde.inferior          % 0xD5 213
3675 /Odieresis.inferior       % 0xD6 214
3676 /multiply.inferior        % 0xD7 215 OE in T1
3677 /Oslash.inferior          % 0xD8 216
3678 /Ugrave.inferior          % 0xD9 217
3679 /Uacute.inferior          % 0xDA 218
3680 /Ucircumflex.inferior     % 0xDB 219
3681 /Udieresis.inferior       % 0xDC 220
3682 /Yacute.inferior          % 0xDD 221
3683 /Thorn.inferior           % 0xDE 222
3684 /germandbls.inferior      % 0xDF 223
3685 /agrave.inferior          % 0xE0 224
3686 /aacute.inferior          % 0xE1 225
3687 /acircumflex.inferior     % 0xE2 226
3688 /atilde.inferior          % 0xE3 227
3689 /adieresis.inferior       % 0xE4 228
3690 /aring.inferior           % 0xE5 229
3691 /ae.inferior              % 0xE6 230
3692 /ccedilla.inferior        % 0xE7 231
3693 /egrave.inferior          % 0xE8 232
3694 /eacute.inferior          % 0xE9 233
3695 /ecircumflex.inferior     % 0xEA 234
3696 /edieresis.inferior       % 0xEB 235
3697 /igrave.inferior          % 0xEC 236
3698 /iacute.inferior          % 0xED 237
3699 /icircumflex.inferior     % 0xEE 238
3700 /idieresis.inferior       % 0xEF 239
3701 /eth.inferior             % 0xF0 240
3702 /ntilde.inferior          % 0xF1 241
3703 /ograve.inferior          % 0xF2 242
3704 /oacute.inferior          % 0xF3 243
3705 /ocircumflex.inferior     % 0xF4 244
3706 /otilde.inferior          % 0xF5 245
3707 /odieresis.inferior       % 0xF6 246
3708 /divide.inferior          % 0xF7 247 oe in T1
3709 /oslash.inferior          % 0xF8 248
3710 /ugrave.inferior          % 0xF9 249
3711 /uacute.inferior          % 0xFA 250
3712 /ucircumflex.inferior     % 0xFB 251
3713 /udieresis.inferior       % 0xFC 252
3714 /yacute.inferior          % 0xFD 253
3715 /thorn.inferior           % 0xFE 254
3716 /ydieresis.inferior       % 0xFF 255 germandbls in T1
3717 ] def

```

B.2.9 texnansi-ybd1.enc

texnansi-ybd1.enc (*script*) Font encoding texnansi-ybd1.

```

3718 /TeXnANSIEncoding-ybd1 [ % now 256 chars follow
3719 /fj.superior              % 0x00 0 .notdef in texnansi
3720 /Euro.superior            % 0x01 1 /uni20AC

```

3721	/ffj.superior	% 0x02 2 .notdef in texnansi
3722	/wcircumflex.superior	% 0x03 3 .notdef in texnansi
3723	/fraction.superior	% 0x04 4
3724	/dotaccent.superior	% 0x05 5
3725	/hungarumlaut.superior	% 0x06 6
3726	/ogonek.superior	% 0x07 7
3727	/fl.superior	% 0x08 8
3728	/Wcircumflex.superior	% 0x09 9 /fraction at 4, backward compatib
	only; .notdef in texnansi	
3729	/Ycircumflex.superior	% 0x0A 10 not used, except boundary char
	internally	
3730	/ff.superior	% 0x0B 11
3731	/fi.superior	% 0x0C 12
3732	/ycircumflex.superior	% 0x0D 13 /fl at 8, backward compatibility
	only; .notdef in texnansi	
3733	/ffi.superior	% 0x0E 14
3734	/ffl.superior	% 0x0F 15
3735	/dotlessi.superior	% 0x10 16
3736	/dotlessj.superior	% 0x11 17
3737	/grave.superior	% 0x12 18
3738	/acute.superior	% 0x13 19
3739	/caron.superior	% 0x14 20
3740	/breve.superior	% 0x15 21
3741	/macron.superior	% 0x16 22
3742	/ring.superior	% 0x17 23
3743	/cedilla.superior	% 0x18 24
3744	/germandbls.superior	% 0x19 25
3745	/ae.superior	% 0x1A 26
3746	/oe.superior	% 0x1B 27
3747	/oslash.superior	% 0x1C 28
3748	/AE.superior	% 0x1D 29
3749	/OE.superior	% 0x1E 30
3750	/Oslash.superior	% 0x1F 31
3751	/space.superior	% 0x20 32 /suppress in TeX text
3752	/exclam.superior	% 0x21 33
3753	/quotedbl.superior	% 0x22 34 /quotedblright in TeX text
3754	/numbersign.superior	% 0x23 35
3755	/dollar.superior	% 0x24 36
3756	/percent.superior	% 0x25 37
3757	/ampersand.superior	% 0x26 38
3758	/quoteright.superior	% 0x27 39 /quotesingle in ANSI
3759	/parenleft.superior	% 0x28 40
3760	/parenright.superior	% 0x29 41
3761	/asterisk.superior	% 0x2A 42
3762	/plus.superior	% 0x2B 43
3763	/comma.superior	% 0x2C 44
3764	/hyphen.superior	% 0x2D 45
3765	/period.superior	% 0x2E 46
3766	/slash.superior	% 0x2F 47
3767	/zero.superior	% 0x30 48
3768	/one.superior	% 0x31 49
3769	/two.superior	% 0x32 50
3770	/three.superior	% 0x33 51
3771	/four.superior	% 0x34 52
3772	/five.superior	% 0x35 53
3773	/six.superior	% 0x36 54

3774	/seven.superior	% 0x37	55
3775	/eight.superior	% 0x38	56
3776	/nine.superior	% 0x39	57
3777	/colon.superior	% 0x3A	58
3778	/semicolon.superior	% 0x3B	59
3779	/less.superior	% 0x3C	60 /exclamdown in Tex text
3780	/equal.superior	% 0x3D	61
3781	/greater.superior	% 0x3E	62 /questiondown in TeX text
3782	/question.superior	% 0x3F	63
3783	/at.superior	% 0x40	64
3784	/A.superior	% 0x41	65
3785	/B.superior	% 0x42	66
3786	/C.superior	% 0x43	67
3787	/D.superior	% 0x44	68
3788	/E.superior	% 0x45	69
3789	/F.superior	% 0x46	70
3790	/G.superior	% 0x47	71
3791	/H.superior	% 0x48	72
3792	/I.superior	% 0x49	73
3793	/J.superior	% 0x4A	74
3794	/K.superior	% 0x4B	75
3795	/L.superior	% 0x4C	76
3796	/M.superior	% 0x4D	77
3797	/N.superior	% 0x4E	78
3798	/O.superior	% 0x4F	79
3799	/P.superior	% 0x50	80
3800	/Q.superior	% 0x51	81
3801	/R.superior	% 0x52	82
3802	/S.superior	% 0x53	83
3803	/T.superior	% 0x54	84
3804	/U.superior	% 0x55	85
3805	/V.superior	% 0x56	86
3806	/W.superior	% 0x57	87
3807	/X.superior	% 0x58	88
3808	/Y.superior	% 0x59	89
3809	/Z.superior	% 0x5A	90
3810	/bracketleft.superior	% 0x5B	91
3811	/backslash.superior	% 0x5C	92 /quotedblleft in TeX text
3812	/bracketright.superior	% 0x5D	93
3813	/circumflex.superior	% 0x5E	94 /asciicircum in ASCII
3814	/underscore.superior	% 0x5F	95 /dotaccent in TeX text
3815	/quoteleft.superior	% 0x60	96 /grave accent in ANSI
3816	/a.superior	% 0x61	97
3817	/b.superior	% 0x62	98
3818	/c.superior	% 0x63	99
3819	/d.superior	% 0x64	100
3820	/e.superior	% 0x65	101
3821	/f.superior	% 0x66	102
3822	/g.superior	% 0x67	103
3823	/h.superior	% 0x68	104
3824	/i.superior	% 0x69	105
3825	/j.superior	% 0x6A	106
3826	/k.superior	% 0x6B	107
3827	/l.superior	% 0x6C	108
3828	/m.superior	% 0x6D	109
3829	/n.superior	% 0x6E	110

3830	/o.superior	% 0x6F	111	
3831	/p.superior	% 0x70	112	
3832	/q.superior	% 0x71	113	
3833	/r.superior	% 0x72	114	
3834	/s.superior	% 0x73	115	
3835	/t.superior	% 0x74	116	
3836	/u.superior	% 0x75	117	
3837	/v.superior	% 0x76	118	
3838	/w.superior	% 0x77	119	
3839	/x.superior	% 0x78	120	
3840	/y.superior	% 0x79	121	
3841	/z.superior	% 0x7A	122	
3842	/braceleft.superior	% 0x7B	123	/endash in TeX text
3843	/bar.superior	% 0x7C	124	/emdash in TeX test
3844	/braceright.superior	% 0x7D	125	/hungarumlaut in TeX text
3845	/tilde.superior	% 0x7E	126	/asciitilde in ASCII
3846	/dieresis.superior	% 0x7F	127	also at 168
3847	/Lslash.superior	% 0x80	128	position is unfortunate, but too late to fix
3848	/quotesingle.superior	% 0x81	129	
3849	/quotessinglbase.superior	% 0x82	130	
3850	/florin.superior	% 0x83	131	
3851	/quotedblbase.superior	% 0x84	132	
3852	/ellipsis.superior	% 0x85	133	
3853	/dagger.superior	% 0x86	134	
3854	/daggerdbl.superior	% 0x87	135	
3855	/circumflex.superior	% 0x88	136	
3856	/perthousand.superior	% 0x89	137	
3857	/Scaron.superior	% 0x8A	138	
3858	/guilsinglleft.superior	% 0x8B	139	
3859	/OE.superior	% 0x8C	140	
3860	/Zcaron.superior	% 0x8D	141	
3861	/asciicircum.superior	% 0x8E	142	
3862	/minus.superior	% 0x8F	143	
3863	/lslash.superior	% 0x90	144	
3864	/quoteleft.superior	% 0x91	145	
3865	/quoteright.superior	% 0x92	146	
3866	/quotedblleft.superior	% 0x93	147	
3867	/quotedblright.superior	% 0x94	148	
3868	/bullet.superior	% 0x95	149	
3869	/endash.superior	% 0x96	150	
3870	/emdash.superior	% 0x97	151	
3871	/tilde.superior	% 0x98	152	
3872	/trademark.superior	% 0x99	153	
3873	/scaron.superior	% 0x9A	154	
3874	/guilsinglright.superior	% 0x9B	155	
3875	/oe.superior	% 0x9C	156	
3876	/zcaron.superior	% 0x9D	157	
3877	/asciitilde.superior	% 0x9E	158	
3878	/Ydieresis.superior	% 0x9F	159	
3879	/nbsp.space.superior	% 0xA0	160	no break space
3880	/exclamdown.superior	% 0xA1	161	
3881	/cent.superior	% 0xA2	162	
3882	/sterling.superior	% 0xA3	163	
3883	/currency.superior	% 0xA4	164	
3884	/yen.superior	% 0xA5	165	

3885	/brokenbar.superior	% 0xA6	166
3886	/section.superior	% 0xA7	167
3887	/dieresis.superior	% 0xA8	168
3888	/copyright.superior	% 0xA9	169
3889	/ordfeminine.superior	% 0xAA	170
3890	/guillemotleft.superior	% 0xAB	171
3891	/logicalnot.superior	% 0xAC	172
3892	/sfthyphen.superior	% 0xAD	173 /hyphen (hanging hyphen)
3893	/registered.superior	% 0xAE	174
3894	/macron.superior	% 0xAF	175
3895	/degree.superior	% 0xB0	176
3896	/plusminus.superior	% 0xB1	177
3897	/two.superior	% 0xB2	178
3898	/three.superior	% 0xB3	179
3899	/acute.superior	% 0xB4	180
3900	/mu.superior	% 0xB5	181
3901	/paragraph.superior	% 0xB6	182
3902	/periodcentered.superior	% 0xB7	183
3903	/cedilla.superior	% 0xB8	184
3904	/one.superior	% 0xB9	185
3905	/ordmasculine.superior	% 0xBA	186
3906	/guillemotright.superior	% 0xBB	187
3907	/onequarter.superior	% 0xBC	188
3908	/onehalf.superior	% 0xBD	189
3909	/threequarters.superior	% 0xBE	190
3910	/questiondown.superior	% 0xBF	191
3911	/Agrave.superior	% 0xC0	192
3912	/Aacute.superior	% 0xC1	193
3913	/Acircumflex.superior	% 0xC2	194
3914	/Atilde.superior	% 0xC3	195
3915	/Adieresis.superior	% 0xC4	196
3916	/Aring.superior	% 0xC5	197
3917	/AE.superior	% 0xC6	198
3918	/Ccedilla.superior	% 0xC7	199
3919	/Egrave.superior	% 0xC8	200
3920	/Eacute.superior	% 0xC9	201
3921	/Ecircumflex.superior	% 0xCA	202
3922	/Edieresis.superior	% 0xCB	203
3923	/Igrave.superior	% 0xCC	204
3924	/Iacute.superior	% 0xCD	205
3925	/Icircumflex.superior	% 0xCE	206
3926	/Idieresis.superior	% 0xCF	207
3927	/Eth.superior	% 0xD0	208
3928	/Ntilde.superior	% 0xD1	209
3929	/Ograve.superior	% 0xD2	210
3930	/Oacute.superior	% 0xD3	211
3931	/Ocircumflex.superior	% 0xD4	212
3932	/Otilde.superior	% 0xD5	213
3933	/Odieresis.superior	% 0xD6	214
3934	/multiply.superior	% 0xD7	215 OE in T1
3935	/Oslash.superior	% 0xD8	216
3936	/Ugrave.superior	% 0xD9	217
3937	/Uacute.superior	% 0xDA	218
3938	/Ucircumflex.superior	% 0xDB	219
3939	/Udieresis.superior	% 0xDC	220
3940	/Yacute.superior	% 0xDD	221

```

3941 /Thorn.superior          % 0xDE 222
3942 /germandbls.superior    % 0xDF 223
3943 /agrave.superior        % 0xE0 224
3944 /aacute.superior        % 0xE1 225
3945 /acircumflex.superior   % 0xE2 226
3946 /atilde.superior        % 0xE3 227
3947 /adieresis.superior     % 0xE4 228
3948 /aring.superior         % 0xE5 229
3949 /ae.superior            % 0xE6 230
3950 /ccedilla.superior      % 0xE7 231
3951 /egrave.superior        % 0xE8 232
3952 /eacute.superior        % 0xE9 233
3953 /ecircumflex.superior   % 0xEA 234
3954 /edieresis.superior     % 0xEB 235
3955 /igrave.superior        % 0xEC 236
3956 /iacute.superior        % 0xED 237
3957 /icircumflex.superior   % 0xEE 238
3958 /idieresis.superior     % 0xEF 239
3959 /eth.superior           % 0xF0 240
3960 /ntilde.superior        % 0xF1 241
3961 /ograve.superior        % 0xF2 242
3962 /oacute.superior        % 0xF3 243
3963 /ocircumflex.superior   % 0xF4 244
3964 /otilde.superior        % 0xF5 245
3965 /odieresis.superior     % 0xF6 246
3966 /divide.superior        % 0xF7 247 oe in T1
3967 /oslash.superior        % 0xF8 248
3968 /ugrave.superior        % 0xF9 249
3969 /uacute.superior        % 0xFA 250
3970 /ucircumflex.superior   % 0xFB 251
3971 /udieresis.superior     % 0xFC 252
3972 /yacute.superior        % 0xFD 253
3973 /thorn.superior         % 0xFE 254
3974 /ydieresis.superior     % 0xFF 255 germandbls in T1
3975 ] def

```

B.2.10 texnansi-ybd2.enc

texnansi-ybd2.enc (*script*) Font encoding texnansi-ybd2.

```

3976 /TeXnANSIEncoding-ybd2 [ % now 256 chars follow
3977 /fj                        % 0x00 0 .notdef in texnansi
3978 /Euro                      % 0x01 1 /uni20AC
3979 /ffj                      % 0x02 2 .notdef in texnansi
3980 /wcircumflex              % 0x03 3 .notdef in texnansi
3981 /fraction                  % 0x04 4
3982 /dotaccent                % 0x05 5
3983 /hungarumlaut            % 0x06 6
3984 /ogonek                   % 0x07 7
3985 /fl                       % 0x08 8
3986 /Wcircumflex              % 0x09 9 /fraction at 4, backward compatibility
                                only; .notdef in texnansi
3987 /Ycircumflex              % 0x0A 10 not used, except boundary char internally
3988 /ff                       % 0x0B 11
3989 /fi                       % 0x0C 12

```

```

3990 /ycircumflex          % 0x0D 13 /fl at 8, backward compatibility only;
    .notdef in texnansi
3991 /ffi                  % 0x0E 14
3992 /ffl                  % 0x0F 15
3993 /dotlessi            % 0x10 16
3994 /dotlessj            % 0x11 17
3995 /grave                % 0x12 18
3996 /acute                % 0x13 19
3997 /caron                % 0x14 20
3998 /breve                % 0x15 21
3999 /macron              % 0x16 22
4000 /ring                 % 0x17 23
4001 /cedilla              % 0x18 24
4002 /germandbls          % 0x19 25
4003 /ae                   % 0x1A 26
4004 /oe                   % 0x1B 27
4005 /oslash              % 0x1C 28
4006 /AE                   % 0x1D 29
4007 /OE                   % 0x1E 30
4008 /Oslash              % 0x1F 31
4009 /space                % 0x20 32 /suppress in TeX text
4010 /exclam               % 0x21 33
4011 /quotedbl             % 0x22 34 /quotedblright in TeX text
4012 /numeralsign          % 0x23 35
4013 /dollar                % 0x24 36
4014 /percent              % 0x25 37
4015 /ampersand            % 0x26 38
4016 /quoteright          % 0x27 39 /quotesingle in ANSI
4017 /parenleft            % 0x28 40
4018 /parenright          % 0x29 41
4019 /asterisk              % 0x2A 42
4020 /plus                  % 0x2B 43
4021 /comma                % 0x2C 44
4022 /hyphen               % 0x2D 45
4023 /period                % 0x2E 46
4024 /slash                 % 0x2F 47
4025 /zero                  % 0x30 48
4026 /one                   % 0x31 49
4027 /two                   % 0x32 50
4028 /three                 % 0x33 51
4029 /four                  % 0x34 52
4030 /five                  % 0x35 53
4031 /six                   % 0x36 54
4032 /seven                 % 0x37 55
4033 /eight                 % 0x38 56
4034 /nine                  % 0x39 57
4035 /colon                 % 0x3A 58
4036 /semicolon            % 0x3B 59
4037 /less                  % 0x3C 60 /exclamdown in TeX text
4038 /equal                 % 0x3D 61
4039 /greater              % 0x3E 62 /questiondown in TeX text
4040 /question              % 0x3F 63
4041 /at                    % 0x40 64
4042 /A                     % 0x41 65
4043 /B                     % 0x42 66
4044 /C                     % 0x43 67

```

4 ⁰⁴⁵ /D	% 0x44 68
4 ⁰⁴⁶ /E	% 0x45 69
4 ⁰⁴⁷ /F	% 0x46 70
4 ⁰⁴⁸ /G	% 0x47 71
4 ⁰⁴⁹ /H	% 0x48 72
4 ⁰⁵⁰ /I	% 0x49 73
4 ⁰⁵¹ /J	% 0x4A 74
4 ⁰⁵² /K	% 0x4B 75
4 ⁰⁵³ /L	% 0x4C 76
4 ⁰⁵⁴ /M	% 0x4D 77
4 ⁰⁵⁵ /N	% 0x4E 78
4 ⁰⁵⁶ /O	% 0x4F 79
4 ⁰⁵⁷ /P	% 0x50 80
4 ⁰⁵⁸ /Q	% 0x51 81
4 ⁰⁵⁹ /R	% 0x52 82
4 ⁰⁶⁰ /S	% 0x53 83
4 ⁰⁶¹ /T	% 0x54 84
4 ⁰⁶² /U	% 0x55 85
4 ⁰⁶³ /V	% 0x56 86
4 ⁰⁶⁴ /W	% 0x57 87
4 ⁰⁶⁵ /X	% 0x58 88
4 ⁰⁶⁶ /Y	% 0x59 89
4 ⁰⁶⁷ /Z	% 0x5A 90
4 ⁰⁶⁸ /bracketleft	% 0x5B 91
4 ⁰⁶⁹ /backslash	% 0x5C 92 /quotedblleft in TeX text
4 ⁰⁷⁰ /bracketright	% 0x5D 93
4 ⁰⁷¹ /circumflex	% 0x5E 94 /asciicircum in ASCII
4 ⁰⁷² /underscore	% 0x5F 95 /dotaccent in TeX text
4 ⁰⁷³ /quoteleft	% 0x60 96 /grave accent in ANSI
4 ⁰⁷⁴ /a	% 0x61 97
4 ⁰⁷⁵ /b	% 0x62 98
4 ⁰⁷⁶ /c	% 0x63 99
4 ⁰⁷⁷ /d	% 0x64 100
4 ⁰⁷⁸ /e	% 0x65 101
4 ⁰⁷⁹ /f	% 0x66 102
4 ⁰⁸⁰ /g	% 0x67 103
4 ⁰⁸¹ /h	% 0x68 104
4 ⁰⁸² /i	% 0x69 105
4 ⁰⁸³ /j	% 0x6A 106
4 ⁰⁸⁴ /k	% 0x6B 107
4 ⁰⁸⁵ /l	% 0x6C 108
4 ⁰⁸⁶ /m	% 0x6D 109
4 ⁰⁸⁷ /n	% 0x6E 110
4 ⁰⁸⁸ /o	% 0x6F 111
4 ⁰⁸⁹ /p	% 0x70 112
4 ⁰⁹⁰ /q	% 0x71 113
4 ⁰⁹¹ /r	% 0x72 114
4 ⁰⁹² /s	% 0x73 115
4 ⁰⁹³ /t	% 0x74 116
4 ⁰⁹⁴ /u	% 0x75 117
4 ⁰⁹⁵ /v	% 0x76 118
4 ⁰⁹⁶ /w	% 0x77 119
4 ⁰⁹⁷ /x	% 0x78 120
4 ⁰⁹⁸ /y	% 0x79 121
4 ⁰⁹⁹ /z	% 0x7A 122
4 ¹⁰⁰ /braceleft	% 0x7B 123 /endash in TeX text

4 ¹⁰¹ /bar	% 0x7C 124	/emdash in TeX test
4 ¹⁰² /braceright	% 0x7D 125	/hungarumlaut in TeX text
4 ¹⁰³ /tilde	% 0x7E 126	/asciitilde in ASCII
4 ¹⁰⁴ /dieresis	% 0x7F 127	also at 168
4 ¹⁰⁵ /Lslash	% 0x80 128	position is unfortunate, but too late
to fix		
4 ¹⁰⁶ /quotesingle	% 0x81 129	
4 ¹⁰⁷ /quotesinglbase	% 0x82 130	
4 ¹⁰⁸ /florin	% 0x83 131	
4 ¹⁰⁹ /quotedblbase	% 0x84 132	
4 ¹¹⁰ /ellipsis	% 0x85 133	
4 ¹¹¹ /dagger	% 0x86 134	
4 ¹¹² /daggerdbl	% 0x87 135	
4 ¹¹³ /circumflex	% 0x88 136	
4 ¹¹⁴ /perthousand	% 0x89 137	
4 ¹¹⁵ /Scaron	% 0x8A 138	
4 ¹¹⁶ /guilsinglleft	% 0x8B 139	
4 ¹¹⁷ /OE	% 0x8C 140	
4 ¹¹⁸ /Zcaron	% 0x8D 141	
4 ¹¹⁹ /asciicircum	% 0x8E 142	
4 ¹²⁰ /minus	% 0x8F 143	
4 ¹²¹ /lslash	% 0x90 144	
4 ¹²² /quoteleft	% 0x91 145	
4 ¹²³ /quoteright	% 0x92 146	
4 ¹²⁴ /quotedblleft	% 0x93 147	
4 ¹²⁵ /quotedblright	% 0x94 148	
4 ¹²⁶ /bullet	% 0x95 149	
4 ¹²⁷ /endash	% 0x96 150	
4 ¹²⁸ /emdash	% 0x97 151	
4 ¹²⁹ /tilde	% 0x98 152	
4 ¹³⁰ /trademark	% 0x99 153	
4 ¹³¹ /scaron	% 0x9A 154	
4 ¹³² /guilsinglright	% 0x9B 155	
4 ¹³³ /oe	% 0x9C 156	
4 ¹³⁴ /zcaron	% 0x9D 157	
4 ¹³⁵ /asciitilde	% 0x9E 158	
4 ¹³⁶ /Ydieresis	% 0x9F 159	
4 ¹³⁷ /nbsp	% 0xA0 160	no break space
4 ¹³⁸ /exclamdown	% 0xA1 161	
4 ¹³⁹ /cent	% 0xA2 162	
4 ¹⁴⁰ /sterling	% 0xA3 163	
4 ¹⁴¹ /currency	% 0xA4 164	
4 ¹⁴² /yen	% 0xA5 165	
4 ¹⁴³ /brokenbar	% 0xA6 166	
4 ¹⁴⁴ /section	% 0xA7 167	
4 ¹⁴⁵ /dieresis	% 0xA8 168	
4 ¹⁴⁶ /copyright	% 0xA9 169	
4 ¹⁴⁷ /ordfeminine	% 0xAA 170	
4 ¹⁴⁸ /guillemotleft	% 0xAB 171	
4 ¹⁴⁹ /logicalnot	% 0xAC 172	
4 ¹⁵⁰ /sfthyphen	% 0xAD 173	/hyphen (hanging hyphen)
4 ¹⁵¹ /registered	% 0xAE 174	
4 ¹⁵² /macron	% 0xAF 175	
4 ¹⁵³ /degree	% 0xB0 176	
4 ¹⁵⁴ /plusminus	% 0xB1 177	
4 ¹⁵⁵ /two.superior	% 0xB2 178	

4 ¹⁵⁶ /three.superior	% 0xB3	179	
4 ¹⁵⁷ /acute	% 0xB4	180	
4 ¹⁵⁸ /mu	% 0xB5	181	
4 ¹⁵⁹ /paragraph	% 0xB6	182	
4 ¹⁶⁰ /periodcentered	% 0xB7	183	
4 ¹⁶¹ /cedilla	% 0xB8	184	
4 ¹⁶² /one.superior	% 0xB9	185	
4 ¹⁶³ /ordmasculine	% 0xBA	186	
4 ¹⁶⁴ /guillemotright	% 0xBB	187	
4 ¹⁶⁵ /onequarter	% 0xBC	188	
4 ¹⁶⁶ /onehalf	% 0xBD	189	
4 ¹⁶⁷ /threequarters	% 0xBE	190	
4 ¹⁶⁸ /questiondown	% 0xBF	191	
4 ¹⁶⁹ /Agrave	% 0xC0	192	
4 ¹⁷⁰ /Aacute	% 0xC1	193	
4 ¹⁷¹ /Acircumflex	% 0xC2	194	
4 ¹⁷² /Atilde	% 0xC3	195	
4 ¹⁷³ /Adieresis	% 0xC4	196	
4 ¹⁷⁴ /Aring	% 0xC5	197	
4 ¹⁷⁵ /AE	% 0xC6	198	
4 ¹⁷⁶ /Ccedilla	% 0xC7	199	
4 ¹⁷⁷ /Egrave	% 0xC8	200	
4 ¹⁷⁸ /Eacute	% 0xC9	201	
4 ¹⁷⁹ /Ecircumflex	% 0xCA	202	
4 ¹⁸⁰ /Edieresis	% 0xCB	203	
4 ¹⁸¹ /Igrave	% 0xCC	204	
4 ¹⁸² /Iacute	% 0xCD	205	
4 ¹⁸³ /Icircumflex	% 0xCE	206	
4 ¹⁸⁴ /Idieresis	% 0xCF	207	
4 ¹⁸⁵ /Eth	% 0xD0	208	
4 ¹⁸⁶ /Ntilde	% 0xD1	209	
4 ¹⁸⁷ /Ograve	% 0xD2	210	
4 ¹⁸⁸ /Oacute	% 0xD3	211	
4 ¹⁸⁹ /Ocircumflex	% 0xD4	212	
4 ¹⁹⁰ /Otilde	% 0xD5	213	
4 ¹⁹¹ /Odieresis	% 0xD6	214	
4 ¹⁹² /multiply	% 0xD7	215	OE in T1
4 ¹⁹³ /Oslash	% 0xD8	216	
4 ¹⁹⁴ /Ugrave	% 0xD9	217	
4 ¹⁹⁵ /Uacute	% 0xDA	218	
4 ¹⁹⁶ /Ucircumflex	% 0xDB	219	
4 ¹⁹⁷ /Udieresis	% 0xDC	220	
4 ¹⁹⁸ /Yacute	% 0xDD	221	
4 ¹⁹⁹ /Thorn	% 0xDE	222	
4 ²⁰⁰ /germandbls	% 0xDF	223	
4 ²⁰¹ /agrave	% 0xE0	224	
4 ²⁰² /aacute	% 0xE1	225	
4 ²⁰³ /acircumflex	% 0xE2	226	
4 ²⁰⁴ /atilde	% 0xE3	227	
4 ²⁰⁵ /adieresis	% 0xE4	228	
4 ²⁰⁶ /aring	% 0xE5	229	
4 ²⁰⁷ /ae	% 0xE6	230	
4 ²⁰⁸ /ccedilla	% 0xE7	231	
4 ²⁰⁹ /egrave	% 0xE8	232	
4 ²¹⁰ /eacute	% 0xE9	233	
4 ²¹¹ /ecircumflex	% 0xEA	234	

```

4212 /edieresis          % 0xEB 235
4213 /igrave             % 0xEC 236
4214 /iacute             % 0xED 237
4215 /icircumflex       % 0xEE 238
4216 /idieresis         % 0xEF 239
4217 /eth                % 0xF0 240
4218 /ntilde            % 0xF1 241
4219 /ograve            % 0xF2 242
4220 /oacute            % 0xF3 243
4221 /ocircumflex       % 0xF4 244
4222 /otilde            % 0xF5 245
4223 /odieresis         % 0xF6 246
4224 /divide            % 0xF7 247 oe in T1
4225 /oslash            % 0xF8 248
4226 /ugrave            % 0xF9 249
4227 /uacute            % 0xFA 250
4228 /ucircumflex       % 0xFB 251
4229 /udieresis         % 0xFC 252
4230 /yacute            % 0xFD 253
4231 /thorn             % 0xFE 254
4232 /ydieresis         % 0xFF 255 germandbls in T1
4233 ] def

```

B.2.11 texnansi-ybd2j.enc

texnansi-ybd2j.enc (*script*) Font encoding texnansi-ybd2j.

```

4234 /TeXnANSIEncoding-ybd2j [ % now 256 chars follow
4235 /fj % 0x00 0 .notdef in texnansi
4236 /Euro.oldstyle % 0x01 1 /uni20AC
4237 /ffj % 0x02 2 .notdef in texnansi
4238 /wcircumflex % 0x03 3 .notdef in texnansi
4239 /fraction % 0x04 4
4240 /dotaccent % 0x05 5
4241 /hungarumlaut % 0x06 6
4242 /ogonek % 0x07 7
4243 /fl % 0x08 8
4244 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansi
4245 /Ycircumflex % 0x0A 10 not used, except boundary char internally
4246 /ff % 0x0B 11
4247 /fi % 0x0C 12
4248 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansi
4249 /ffi % 0x0E 14
4250 /ffl % 0x0F 15
4251 /dotlessi % 0x10 16
4252 /dotlessj % 0x11 17
4253 /grave % 0x12 18
4254 /acute % 0x13 19
4255 /caron % 0x14 20
4256 /breve % 0x15 21
4257 /macron % 0x16 22
4258 /ring % 0x17 23
4259 /cedilla % 0x18 24

```


4260	/germandbls	% 0x19	25
4261	/ae	% 0x1A	26
4262	/oe	% 0x1B	27
4263	/oslash	% 0x1C	28
4264	/AE	% 0x1D	29
4265	/OE	% 0x1E	30
4266	/Oslash	% 0x1F	31
4267	/space	% 0x20	32 /suppress in TeX text
4268	/exclam	% 0x21	33
4269	/quotedbl	% 0x22	34 /quotedblright in TeX text
4270	/numbersign.oldstyle	% 0x23	35
4271	/dollar.oldstyle	% 0x24	36
4272	/percent.oldstyle	% 0x25	37
4273	/ampersand	% 0x26	38
4274	/quoteright	% 0x27	39 /quotesingle in ANSI
4275	/parenleft	% 0x28	40
4276	/parenright	% 0x29	41
4277	/asterisk	% 0x2A	42
4278	/plus	% 0x2B	43
4279	/comma	% 0x2C	44
4280	/hyphen	% 0x2D	45
4281	/period	% 0x2E	46
4282	/slash	% 0x2F	47
4283	/zero.oldstyle	% 0x30	48
4284	/one.oldstyle	% 0x31	49
4285	/two.oldstyle	% 0x32	50
4286	/three.oldstyle	% 0x33	51
4287	/four.oldstyle	% 0x34	52
4288	/five.oldstyle	% 0x35	53
4289	/six.oldstyle	% 0x36	54
4290	/seven.oldstyle	% 0x37	55
4291	/eight.oldstyle	% 0x38	56
4292	/nine.oldstyle	% 0x39	57
4293	/colon	% 0x3A	58
4294	/semicolon	% 0x3B	59
4295	/less	% 0x3C	60 /exclamdown in Tex text
4296	/equal	% 0x3D	61
4297	/greater	% 0x3E	62 /questiondown in TeX text
4298	/question	% 0x3F	63
4299	/at	% 0x40	64
4300	/A	% 0x41	65
4301	/B	% 0x42	66
4302	/C	% 0x43	67
4303	/D	% 0x44	68
4304	/E	% 0x45	69
4305	/F	% 0x46	70
4306	/G	% 0x47	71
4307	/H	% 0x48	72
4308	/I	% 0x49	73
4309	/J	% 0x4A	74
4310	/K	% 0x4B	75
4311	/L	% 0x4C	76
4312	/M	% 0x4D	77
4313	/N	% 0x4E	78
4314	/O	% 0x4F	79
4315	/P	% 0x50	80

43 ¹⁶ /Q	% 0x51 81
43 ¹⁷ /R	% 0x52 82
43 ¹⁸ /S	% 0x53 83
43 ¹⁹ /T	% 0x54 84
43 ²⁰ /U	% 0x55 85
43 ²¹ /V	% 0x56 86
43 ²² /W	% 0x57 87
43 ²³ /X	% 0x58 88
43 ²⁴ /Y	% 0x59 89
43 ²⁵ /Z	% 0x5A 90
43 ²⁶ /bracketleft	% 0x5B 91
43 ²⁷ /backslash	% 0x5C 92 /quotedblleft in TeX text
43 ²⁸ /bracketright	% 0x5D 93
43 ²⁹ /circumflex	% 0x5E 94 /asciicircum in ASCII
43 ³⁰ /underscore	% 0x5F 95 /dotaccent in TeX text
43 ³¹ /quoteleft	% 0x60 96 /grave accent in ANSI
43 ³² /a	% 0x61 97
43 ³³ /b	% 0x62 98
43 ³⁴ /c	% 0x63 99
43 ³⁵ /d	% 0x64 100
43 ³⁶ /e	% 0x65 101
43 ³⁷ /f	% 0x66 102
43 ³⁸ /g	% 0x67 103
43 ³⁹ /h	% 0x68 104
43 ⁴⁰ /i	% 0x69 105
43 ⁴¹ /j	% 0x6A 106
43 ⁴² /k	% 0x6B 107
43 ⁴³ /l	% 0x6C 108
43 ⁴⁴ /m	% 0x6D 109
43 ⁴⁵ /n	% 0x6E 110
43 ⁴⁶ /o	% 0x6F 111
43 ⁴⁷ /p	% 0x70 112
43 ⁴⁸ /q	% 0x71 113
43 ⁴⁹ /r	% 0x72 114
43 ⁵⁰ /s	% 0x73 115
43 ⁵¹ /t	% 0x74 116
43 ⁵² /u	% 0x75 117
43 ⁵³ /v	% 0x76 118
43 ⁵⁴ /w	% 0x77 119
43 ⁵⁵ /x	% 0x78 120
43 ⁵⁶ /y	% 0x79 121
43 ⁵⁷ /z	% 0x7A 122
43 ⁵⁸ /braceleft	% 0x7B 123 /endash in TeX text
43 ⁵⁹ /bar	% 0x7C 124 /emdash in TeX text
43 ⁶⁰ /braceright	% 0x7D 125 /hungarumlaut in TeX text
43 ⁶¹ /tilde	% 0x7E 126 /asciitilde in ASCII
43 ⁶² /dieresis	% 0x7F 127 also at 168
43 ⁶³ /Lslash	% 0x80 128 position is unfortunate, but too late to fix
43 ⁶⁴ /quotesingle	% 0x81 129
43 ⁶⁵ /quotesinglbase	% 0x82 130
43 ⁶⁶ /florin	% 0x83 131
43 ⁶⁷ /quotedblbase	% 0x84 132
43 ⁶⁸ /ellipsis	% 0x85 133
43 ⁶⁹ /dagger	% 0x86 134
43 ⁷⁰ /daggerdbl	% 0x87 135

437 ¹ /circumflex	% 0x88	136
437 ² /perthousand.oldstyle	% 0x89	137
437 ³ /Scaron	% 0x8A	138
437 ⁴ /guilsinglleft	% 0x8B	139
437 ⁵ /OE	% 0x8C	140
437 ⁶ /Zcaron	% 0x8D	141
437 ⁷ /asciicircum	% 0x8E	142
437 ⁸ /minus	% 0x8F	143
437 ⁹ /lslash	% 0x90	144
438 ⁰ /quoteleft	% 0x91	145
438 ¹ /quoteright	% 0x92	146
438 ² /quotedblleft	% 0x93	147
438 ³ /quotedblright	% 0x94	148
438 ⁴ /bullet	% 0x95	149
438 ⁵ /endash	% 0x96	150
438 ⁶ /emdash	% 0x97	151
438 ⁷ /tilde	% 0x98	152
438 ⁸ /trademark	% 0x99	153
438 ⁹ /scaron	% 0x9A	154
439 ⁰ /guilsinglright	% 0x9B	155
439 ¹ /oe	% 0x9C	156
439 ² /zcaron	% 0x9D	157
439 ³ /asciitilde	% 0x9E	158
439 ⁴ /Ydieresis	% 0x9F	159
439 ⁵ /nbsp	% 0xA0	160 no break space
439 ⁶ /exclamdown	% 0xA1	161
439 ⁷ /cent.oldstyle	% 0xA2	162
439 ⁸ /sterling.oldstyle	% 0xA3	163
439 ⁹ /currency	% 0xA4	164
440 ⁰ /yen.oldstyle	% 0xA5	165
440 ¹ /brokenbar	% 0xA6	166
440 ² /section	% 0xA7	167
440 ³ /dieresis	% 0xA8	168
440 ⁴ /copyright	% 0xA9	169
440 ⁵ /ordfeminine	% 0xAA	170
440 ⁶ /guillemotleft	% 0xAB	171
440 ⁷ /logicalnot	% 0xAC	172
440 ⁸ /sfthyphen	% 0xAD	173 /hyphen (hanging hyphen)
440 ⁹ /registered	% 0xAE	174
441 ⁰ /macron	% 0xAF	175
441 ¹ /degree	% 0xB0	176
441 ² /plusminus	% 0xB1	177
441 ³ /two.superior	% 0xB2	178
441 ⁴ /three.superior	% 0xB3	179
441 ⁵ /acute	% 0xB4	180
441 ⁶ /mu	% 0xB5	181
441 ⁷ /paragraph	% 0xB6	182
441 ⁸ /periodcentered	% 0xB7	183
441 ⁹ /cedilla	% 0xB8	184
442 ⁰ /one.superior	% 0xB9	185
442 ¹ /ordmasculine	% 0xBA	186
442 ² /guillemotright	% 0xBB	187
442 ³ /onequarter	% 0xBC	188
442 ⁴ /onehalf	% 0xBD	189
442 ⁵ /threequarters	% 0xBE	190
442 ⁶ /questiondown	% 0xBF	191

4427	/Agrave	% 0xC0	192
4428	/Aacute	% 0xC1	193
4429	/Acircumflex	% 0xC2	194
4430	/Atilde	% 0xC3	195
4431	/Adieresis	% 0xC4	196
4432	/Aring	% 0xC5	197
4433	/AE	% 0xC6	198
4434	/Ccedilla	% 0xC7	199
4435	/Egrave	% 0xC8	200
4436	/Eacute	% 0xC9	201
4437	/Ecircumflex	% 0xCA	202
4438	/Edieresis	% 0xCB	203
4439	/Igrave	% 0xCC	204
4440	/Iacute	% 0xCD	205
4441	/Icircumflex	% 0xCE	206
4442	/Idieresis	% 0xCF	207
4443	/Eth	% 0xD0	208
4444	/Ntilde	% 0xD1	209
4445	/Ograve	% 0xD2	210
4446	/Oacute	% 0xD3	211
4447	/Ocircumflex	% 0xD4	212
4448	/Otilde	% 0xD5	213
4449	/Odieresis	% 0xD6	214
4450	/multiply	% 0xD7	215 OE in T1
4451	/Oslash	% 0xD8	216
4452	/Ugrave	% 0xD9	217
4453	/Uacute	% 0xDA	218
4454	/Ucircumflex	% 0xDB	219
4455	/Udieresis	% 0xDC	220
4456	/Yacute	% 0xDD	221
4457	/Thorn	% 0xDE	222
4458	/germandbls	% 0xDF	223
4459	/agrave	% 0xE0	224
4460	/aacute	% 0xE1	225
4461	/acircumflex	% 0xE2	226
4462	/atilde	% 0xE3	227
4463	/adieresis	% 0xE4	228
4464	/aring	% 0xE5	229
4465	/ae	% 0xE6	230
4466	/ccedilla	% 0xE7	231
4467	/egrave	% 0xE8	232
4468	/eacute	% 0xE9	233
4469	/ecircumflex	% 0xEA	234
4470	/edieresis	% 0xEB	235
4471	/igrave	% 0xEC	236
4472	/iacute	% 0xED	237
4473	/icircumflex	% 0xEE	238
4474	/idieresis	% 0xEF	239
4475	/eth	% 0xF0	240
4476	/ntilde	% 0xF1	241
4477	/ograve	% 0xF2	242
4478	/oacute	% 0xF3	243
4479	/ocircumflex	% 0xF4	244
4480	/otilde	% 0xF5	245
4481	/odieresis	% 0xF6	246
4482	/divide	% 0xF7	247 oe in T1

```

4483 /oslash           % 0xF8 248
4484 /ugrave           % 0xF9 249
4485 /uacute           % 0xFA 250
4486 /ucircumflex     % 0xFB 251
4487 /udieresis       % 0xFC 252
4488 /yacute          % 0xFD 253
4489 /thorn           % 0xFE 254
4490 /ydieresis       % 0xFF 255 germandbls in T1
4491 ] def

```

B.2.12 texnansi-ybdj.enc

texnansi-ybdj.enc (*script*) Font encoding texnansi-ybdj.

```

4492 /TeXnANSIEncoding-ybdj [ % now 256 chars follow
4493 /fj                       % 0x00 0 .notdef in texnansi
4494 /Euro.taboldstyle         % 0x01 1 /uni20AC
4495 /ffj                       % 0x02 2 .notdef in texnansi
4496 /wcircumflex             % 0x03 3 .notdef in texnansi
4497 /fraction                 % 0x04 4
4498 /dotaccent               % 0x05 5
4499 /hungarumlaut           % 0x06 6
4500 /ogonek                  % 0x07 7
4501 /fl                       % 0x08 8
4502 /Wcircumflex            % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansi
4503 /Ycircumflex             % 0x0A 10 not used, except boundary char internally
4504 /ff                       % 0x0B 11
4505 /fi                       % 0x0C 12
4506 /ycircumflex            % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansi
4507 /ffi                     % 0x0E 14
4508 /ffl                     % 0x0F 15
4509 /dotlessi                % 0x10 16
4510 /dotlessj                % 0x11 17
4511 /grave                   % 0x12 18
4512 /acute                   % 0x13 19
4513 /caron                   % 0x14 20
4514 /breve                   % 0x15 21
4515 /macron                  % 0x16 22
4516 /ring                    % 0x17 23
4517 /cedilla                 % 0x18 24
4518 /germandbls             % 0x19 25
4519 /ae                       % 0x1A 26
4520 /oe                       % 0x1B 27
4521 /oslash                  % 0x1C 28
4522 /AE                       % 0x1D 29
4523 /OE                       % 0x1E 30
4524 /Oslash                  % 0x1F 31
4525 /space                   % 0x20 32 /suppress in TeX text
4526 /exclam                  % 0x21 33
4527 /quotedbl                % 0x22 34 /quotedblright in TeX text
4528 /numbersign.taboldstyle % 0x23 35
4529 /dollar.taboldstyle      % 0x24 36
4530 /percent.taboldstyle     % 0x25 37

```

453 ¹ /ampersand	% 0x26	38	
453 ² /quoteright	% 0x27	39	/quotesingle in ANSI
4533 /parenleft	% 0x28	40	
4534 /parenright	% 0x29	41	
4535 /asterisk	% 0x2A	42	
4536 /plus	% 0x2B	43	
4537 /comma	% 0x2C	44	
4538 /hyphen	% 0x2D	45	
4539 /period	% 0x2E	46	
454 ⁰ /slash	% 0x2F	47	
454 ¹ /zero.taboldstyle	% 0x30	48	
454 ² /one.taboldstyle	% 0x31	49	
4543 /two.taboldstyle	% 0x32	50	
4544 /three.taboldstyle	% 0x33	51	
4545 /four.taboldstyle	% 0x34	52	
4546 /five.taboldstyle	% 0x35	53	
4547 /six.taboldstyle	% 0x36	54	
454 ⁸ /seven.taboldstyle	% 0x37	55	
4549 /eight.taboldstyle	% 0x38	56	
455 ⁰ /nine.taboldstyle	% 0x39	57	
455 ¹ /colon	% 0x3A	58	
455 ² /semicolon	% 0x3B	59	
4553 /less	% 0x3C	60	/exclamdown in Tex text
4554 /equal	% 0x3D	61	
4555 /greater	% 0x3E	62	/questiondown in TeX text
4556 /question	% 0x3F	63	
4557 /at	% 0x40	64	
4558 /A	% 0x41	65	
4559 /B	% 0x42	66	
456 ⁰ /C	% 0x43	67	
456 ¹ /D	% 0x44	68	
456 ² /E	% 0x45	69	
456 ³ /F	% 0x46	70	
456 ⁴ /G	% 0x47	71	
456 ⁵ /H	% 0x48	72	
4566 /I	% 0x49	73	
4567 /J	% 0x4A	74	
4568 /K	% 0x4B	75	
4569 /L	% 0x4C	76	
457 ⁰ /M	% 0x4D	77	
457 ¹ /N	% 0x4E	78	
457 ² /O	% 0x4F	79	
4573 /P	% 0x50	80	
4574 /Q	% 0x51	81	
4575 /R	% 0x52	82	
4576 /S	% 0x53	83	
4577 /T	% 0x54	84	
4578 /U	% 0x55	85	
4579 /V	% 0x56	86	
458 ⁰ /W	% 0x57	87	
458 ¹ /X	% 0x58	88	
458 ² /Y	% 0x59	89	
458 ³ /Z	% 0x5A	90	
458 ⁴ /bracketleft	% 0x5B	91	
458 ⁵ /backslash	% 0x5C	92	/quotedblleft in TeX text
4586 /bracketright	% 0x5D	93	

4587 /circumflex	% 0x5E 94 /asciicircum in ASCII
4588 /underscore	% 0x5F 95 /dotaccent in TeX text
4589 /quoteleft	% 0x60 96 /grave accent in ANSI
4590 /a	% 0x61 97
4591 /b	% 0x62 98
4592 /c	% 0x63 99
4593 /d	% 0x64 100
4594 /e	% 0x65 101
4595 /f	% 0x66 102
4596 /g	% 0x67 103
4597 /h	% 0x68 104
4598 /i	% 0x69 105
4599 /j	% 0x6A 106
4600 /k	% 0x6B 107
4601 /l	% 0x6C 108
4602 /m	% 0x6D 109
4603 /n	% 0x6E 110
4604 /o	% 0x6F 111
4605 /p	% 0x70 112
4606 /q	% 0x71 113
4607 /r	% 0x72 114
4608 /s	% 0x73 115
4609 /t	% 0x74 116
4610 /u	% 0x75 117
4611 /v	% 0x76 118
4612 /w	% 0x77 119
4613 /x	% 0x78 120
4614 /y	% 0x79 121
4615 /z	% 0x7A 122
4616 /braceleft	% 0x7B 123 /endash in TeX text
4617 /bar	% 0x7C 124 /emdash in TeX text
4618 /braceright	% 0x7D 125 /hungarumlaut in TeX text
4619 /tilde	% 0x7E 126 /asciitilde in ASCII
4620 /dieresis	% 0x7F 127 also at 168
4621 /Lslash	% 0x80 128 position is unfortunate, but too late to fix
4622 /quotesingle	% 0x81 129
4623 /quotesinglbase	% 0x82 130
4624 /florin	% 0x83 131
4625 /quotedblbase	% 0x84 132
4626 /ellipsis	% 0x85 133
4627 /dagger	% 0x86 134
4628 /daggerdbl	% 0x87 135
4629 /circumflex	% 0x88 136
4630 /perthousand.taboldstyle	% 0x89 137
4631 /Scaron	% 0x8A 138
4632 /guilsinglleft	% 0x8B 139
4633 /OE	% 0x8C 140
4634 /Zcaron	% 0x8D 141
4635 /asciicircum	% 0x8E 142
4636 /minus	% 0x8F 143
4637 /lslash	% 0x90 144
4638 /quoteleft	% 0x91 145
4639 /quoteright	% 0x92 146
4640 /quotedblleft	% 0x93 147
4641 /quotedblright	% 0x94 148

4642	/bullet	% 0x95	149
4643	/endash	% 0x96	150
4644	/emdash	% 0x97	151
4645	/tilde	% 0x98	152
4646	/trademark	% 0x99	153
4647	/scaron	% 0x9A	154
4648	/guilsinglright	% 0x9B	155
4649	/oe	% 0x9C	156
4650	/zcaron	% 0x9D	157
4651	/asciitilde	% 0x9E	158
4652	/Ydieresis	% 0x9F	159
4653	/nbsp	% 0xA0	160 no break space
4654	/exclamdown	% 0xA1	161
4655	/cent.taboldstyle	% 0xA2	162
4656	/sterling.taboldstyle	% 0xA3	163
4657	/currency	% 0xA4	164
4658	/yen.taboldstyle	% 0xA5	165
4659	/brokenbar	% 0xA6	166
4660	/section	% 0xA7	167
4661	/dieresis	% 0xA8	168
4662	/copyright	% 0xA9	169
4663	/ordfeminine	% 0xAA	170
4664	/guillemotleft	% 0xAB	171
4665	/logicalnot	% 0xAC	172
4666	/sfthyphen	% 0xAD	173 /hyphen (hanging hyphen)
4667	/registered	% 0xAE	174
4668	/macron	% 0xAF	175
4669	/degree	% 0xB0	176
4670	/plusminus	% 0xB1	177
4671	/two.superior	% 0xB2	178
4672	/three.superior	% 0xB3	179
4673	/acute	% 0xB4	180
4674	/mu	% 0xB5	181
4675	/paragraph	% 0xB6	182
4676	/periodcentered	% 0xB7	183
4677	/cedilla	% 0xB8	184
4678	/one.superior	% 0xB9	185
4679	/ordmasculine	% 0xBA	186
4680	/guillemotright	% 0xBB	187
4681	/onequarter	% 0xBC	188
4682	/onehalf	% 0xBD	189
4683	/threequarters	% 0xBE	190
4684	/questiondown	% 0xBF	191
4685	/Agrave	% 0xC0	192
4686	/Aacute	% 0xC1	193
4687	/Acircumflex	% 0xC2	194
4688	/Atilde	% 0xC3	195
4689	/Adieresis	% 0xC4	196
4690	/Aring	% 0xC5	197
4691	/AE	% 0xC6	198
4692	/Ccedilla	% 0xC7	199
4693	/Egrave	% 0xC8	200
4694	/Eacute	% 0xC9	201
4695	/Ecircumflex	% 0xCA	202
4696	/Edieresis	% 0xCB	203
4697	/Igrave	% 0xCC	204

4698	/Iacute	% 0xCD	205	
4699	/Icircumflex	% 0xCE	206	
4700	/Idieresis	% 0xCF	207	
4701	/Eth	% 0xD0	208	
4702	/Ntilde	% 0xD1	209	
4703	/Ograve	% 0xD2	210	
4704	/Oacute	% 0xD3	211	
4705	/Ocircumflex	% 0xD4	212	
4706	/Otilde	% 0xD5	213	
4707	/Odieresis	% 0xD6	214	
4708	/multiply	% 0xD7	215	OE in T1
4709	/Oslash	% 0xD8	216	
4710	/Ugrave	% 0xD9	217	
4711	/Uacute	% 0xDA	218	
4712	/Ucircumflex	% 0xDB	219	
4713	/Udieresis	% 0xDC	220	
4714	/Yacute	% 0xDD	221	
4715	/Thorn	% 0xDE	222	
4716	/germandbls	% 0xDF	223	
4717	/agrave	% 0xE0	224	
4718	/aacute	% 0xE1	225	
4719	/acircumflex	% 0xE2	226	
4720	/atilde	% 0xE3	227	
4721	/adieresis	% 0xE4	228	
4722	/aring	% 0xE5	229	
4723	/ae	% 0xE6	230	
4724	/ccedilla	% 0xE7	231	
4725	/egrave	% 0xE8	232	
4726	/eacute	% 0xE9	233	
4727	/ecircumflex	% 0xEA	234	
4728	/edieresis	% 0xEB	235	
4729	/igrave	% 0xEC	236	
4730	/iacute	% 0xED	237	
4731	/icircumflex	% 0xEE	238	
4732	/idieresis	% 0xEF	239	
4733	/eth	% 0xF0	240	
4734	/ntilde	% 0xF1	241	
4735	/ograve	% 0xF2	242	
4736	/oacute	% 0xF3	243	
4737	/ocircumflex	% 0xF4	244	
4738	/otilde	% 0xF5	245	
4739	/odieresis	% 0xF6	246	
4740	/divide	% 0xF7	247	oe in T1
4741	/oslash	% 0xF8	248	
4742	/ugrave	% 0xF9	249	
4743	/uacute	% 0xFA	250	
4744	/ucircumflex	% 0xFB	251	
4745	/udieresis	% 0xFC	252	
4746	/yacute	% 0xFD	253	
4747	/thorn	% 0xFE	254	
4748	/ydieresis	% 0xFF	255	germandbls in T1
4749] def			

B.2.13 texnansx-ybd2jw.enc

texnansx-ybd2jw.enc (*script*) Font encoding texnansx-ybd2jw.

```

4750 /TeXnANSIEncoding-ybd2jw [
4751 /fj % 0x00 0 .notdef in texnansx
4752 /Euro.oldstyle % /uni20AC 1
4753 /ffj % 0x02 2 .notdef in texnansx
4754 /wcircumflex % 0x03 3 .notdef in texnansx
4755 /fraction % 4
4756 /dotaccent % 5
4757 /hungarumlaut % 6
4758 /ogonek % 7
4759 /fl % 8
4760 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
4761 /Ycircumflex % 10 not used, except boundary char internally maybe
4762 /ff % 11
4763 /fi % 12
4764 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
4765 /ffi % 14
4766 /ffl % 15
4767 /dotlessi % 16
4768 /dotlessj % 17
4769 /grave % 18
4770 /acute % 19
4771 /caron % 20
4772 /breve % 21
4773 /macron % 22
4774 /ring % 23
4775 /cedilla % 24
4776 /germandbls % 25
4777 /tt % /ae % 26
4778 /oe % 27
4779 /ch % /oslash % 28
4780 /fft % /AE % 29
4781 /OE % 30
4782 /ft % /Oslash % 31
4783 /space % 32 % /suppress in TeX text
4784 /exclam % 33
4785 /quotedbl % 34 % /quotedblright in TeX text
4786 /numeralsign.oldstyle % 35
4787 /dollar.oldstyle % 36
4788 /percent.oldstyle % 37
4789 /ampersand % 38
4790 /quoteright % 39 % /quotesingle in ANSI
4791 /parenleft % 40
4792 /parenright % 41
4793 /asterisk % 42
4794 /plus % 43
4795 /comma % 44
4796 /hyphen % 45
4797 /period % 46
4798 /slash % 47
4799 /zero.oldstyle % 48

```

```
4800 /one.oldstyle % 49
4801 /two.oldstyle % 50
4802 /three.oldstyle % 51
4803 /four.oldstyle % 52
4804 /five.oldstyle % 53
4805 /six.oldstyle % 54
4806 /seven.oldstyle % 55
4807 /eight.oldstyle % 56
4808 /nine.oldstyle % 57
4809 /colon % 58
4810 /semicolon % 59
4811 /less % 60 % /exclamdown in Tex text
4812 /equal % 61
4813 /greater % 62 % /questiondown in TeX text
4814 /question % 63
4815 /at % 64
4816 /A % 65
4817 /B % 66
4818 /C % 67
4819 /D % 68
4820 /E % 69
4821 /F % 70
4822 /G % 71
4823 /H % 72
4824 /I % 73
4825 /J % 74
4826 /K % 75
4827 /L % 76
4828 /M % 77
4829 /N % 78
4830 /O % 79
4831 /P % 80
4832 /Q % 81
4833 /R % 82
4834 /S % 83
4835 /T % 84
4836 /U % 85
4837 /V % 86
4838 /W % 87
4839 /X % 88
4840 /Y % 89
4841 /Z % 90
4842 /bracketleft % 91
4843 /backslash % 92 % /quotedblleft in TeX text
4844 /bracketright % 93
4845 /circumflex % 94 % /asciicircum in ASCII
4846 /underscore % 95 % /dotaccent in TeX text
4847 /quoteleft % 96 % /grave accent in ANSI
4848 /a % 97
4849 /b % 98
4850 /c % 99
4851 /d % 100
4852 /e % 101
4853 /f % 102
4854 /g % 103
4855 /h % 104
```

```

4856 /i % 105
4857 /j % 106
4858 /k % 107
4859 /l % 108
4860 /m % 109
4861 /n % 110
4862 /o % 111
4863 /p % 112
4864 /q % 113
4865 /r % 114
4866 /s % 115
4867 /t % 116
4868 /u % 117
4869 /v % 118
4870 /w % 119
4871 /x % 120
4872 /y % 121
4873 /z % 122
4874 /braceleft % 123 % /endash in TeX text
4875 /bar % 124 % /emdash in TeX test
4876 /braceright % 125 % /hungarumlaut in TeX text
4877 /tilde % 126 % /asciitilde in ASCII
4878 /sp % /dieresis % 127
4879 /Lslash % 128 this position is unfortunate, but now too late to fix
4880 /quotesingle % 129
4881 /quotesinglbase % 130
4882 /florin % 131
4883 /quotedblbase % 132
4884 /ellipsis % 133
4885 /dagger % 134
4886 /daggerdbl % 135
4887 /ck % /circumflex % 136 % .notdef in texnansx
4888 /perthousand.oldstyle % 137
4889 /Scaron % 138
4890 /guilsinglleft % 139
4891 /cl % /OE % 140 % .notdef in texnansx
4892 /Zcaron % 141
4893 /asciicircum % 142
4894 /minus % 143
4895 /lslash % 144
4896 /ct % /quoteleft % 145 % .notdef in texnansx
4897 /sh % /quoteright % 146 % .notdef in texnansx
4898 /quotedblleft % 147
4899 /quotedblright % 148
4900 /bullet % 149
4901 /endash % 150
4902 /emdash % 151
4903 /sk % /tilde % 152 % .notdef in texnansx
4904 /trademark % 153
4905 /scaron % 154
4906 /guilsinglright % 155
4907 /sl % /oe % 156 % .notdef in texnansx
4908 /zcaron % 157
4909 /asciitilde % 158
4910 /Ydieresis % 159
4911 /nbspace % 160 % /space (no break space)

```

4912 /exclamdown % 161
 4913 /cent.oldstyle % 162
 4914 /sterling.oldstyle % 163
 4915 /currency % 164
 4916 /yen.oldstyle % 165
 4917 /brokenbar % 166
 4918 /section % 167
 4919 /dieresis % 168
 4920 /copyright % 169
 4921 /ordfeminine % 170
 4922 /guillemotleft % 171
 4923 /logicalnot % 172
 4924 /sfthyphen % 173 % /hyphen (hanging hyphen)
 4925 /registered % 174
 4926 /st % /macron % 175 % .notdef in texnansx
 4927 /degree % 176
 4928 /plusminus % 177
 4929 /two.superior % 178
 4930 /three.superior % 179
 4931 /Qalt % /acute % 180 % .notdef in texnansx
 4932 /mu % 181
 4933 /paragraph % 182
 4934 /periodcentered % 183
 4935 /.notdef % /cedilla % 184
 4936 /one.superior % 185
 4937 /ordmasculine % 186
 4938 /guillemotright % 187
 4939 /onequarter % 188
 4940 /onehalf % 189
 4941 /threequarters % 190
 4942 /questiondown % 191
 4943 /Agrave % 192
 4944 /Aacute % 193
 4945 /Acircumflex % 194
 4946 /Atilde % 195
 4947 /Adieresis % 196
 4948 /Aring % 197
 4949 /AE % 198
 4950 /Ccedilla % 199
 4951 /Egrave % 200
 4952 /Eacute % 201
 4953 /Ecircumflex % 202
 4954 /Edieresis % 203
 4955 /Igrave % 204
 4956 /Iacute % 205
 4957 /Icircumflex % 206
 4958 /Idieresis % 207
 4959 /Eth % 208
 4960 /Ntilde % 209
 4961 /Ograve % 210
 4962 /Oacute % 211
 4963 /Ocircumflex % 212
 4964 /Otilde % 213
 4965 /Odieresis % 214
 4966 /multiply % 215 % OE in T1
 4967 /Oslash % 216

```

4968 /Ugrave % 217
4969 /Uacute % 218
4970 /Ucircumflex % 219
4971 /Udieresis % 220
4972 /Yacute % 221
4973 /Thorn % 222
4974 /.notdef % /germandbls % 223 % .notdef in texnansx
4975 /agrave % 224
4976 /aacute % 225
4977 /acircumflex % 226
4978 /atilde % 227
4979 /adieresis % 228
4980 /aring % 229
4981 /ae % 230
4982 /ccedilla % 231
4983 /egrave % 232
4984 /eacute % 233
4985 /ecircumflex % 234
4986 /edieresis % 235
4987 /igrave % 236
4988 /iacute % 237
4989 /icircumflex % 238
4990 /idieresis % 239
4991 /eth % 240
4992 /ntilde % 241
4993 /ograve % 242
4994 /oacute % 243
4995 /ocircumflex % 244
4996 /otilde % 245
4997 /odieresis % 246
4998 /divide % 247 % oe in T1
4999 /oslash % 248
5000 /ugrave % 249
5001 /uacute % 250
5002 /ucircumflex % 251
5003 /udieresis % 252
5004 /yacute % 253
5005 /thorn % 254
5006 /ydieresis % 255 % germandbls in T1
5007 ] def

```

B.2.14 texnansx-ybd2w.enc

texnansx-ybd2w.enc (*script*) Font encoding texnansx-ybd2w.

```

5008 /TeXnANSIEncoding-ybd2w [
5009 /fj % 0x00 0 .notdef in texnansx
5010 /Euro % /uni20AC 1
5011 /ffj % 0x02 2 .notdef in texnansx
5012 /wcircumflex % 0x03 3 .notdef in texnansx
5013 /fraction % 4
5014 /dotaccent % 5
5015 /hungarumlaut % 6
5016 /ogonek % 7
5017 /fl % 8

```

```

5018 /Wcircumflex          % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
5019 /Ycircumflex % 10 not used, except boundary char internally maybe
5020 /ff % 11
5021 /fi % 12
5022 /ycircumflex          % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
5023 /ffi % 14
5024 /ffl % 15
5025 /dotlessi % 16
5026 /dotlessj % 17
5027 /grave % 18
5028 /acute % 19
5029 /caron % 20
5030 /breve % 21
5031 /macron % 22
5032 /ring % 23
5033 /cedilla % 24
5034 /germandbls % 25
5035 /tt % /ae % 26
5036 /oe % 27
5037 /ch % /oslash % 28
5038 /fft % /AE % 29
5039 /OE % 30
5040 /ft % /Oslash % 31
5041 /space % 32 % /suppress in TeX text
5042 /exclam % 33
5043 /quotedbl % 34 % /quotedblright in TeX text
5044 /numeralsign % 35
5045 /dollar % 36
5046 /percent % 37
5047 /ampersand % 38
5048 /quoteright % 39 % /quotesingle in ANSI
5049 /parenleft % 40
5050 /parenright % 41
5051 /asterisk % 42
5052 /plus % 43
5053 /comma % 44
5054 /hyphen % 45
5055 /period % 46
5056 /slash % 47
5057 /zero % 48
5058 /one % 49
5059 /two % 50
5060 /three % 51
5061 /four % 52
5062 /five % 53
5063 /six % 54
5064 /seven % 55
5065 /eight % 56
5066 /nine % 57
5067 /colon % 58
5068 /semicolon % 59
5069 /less % 60 % /exclamdown in TeX text
5070 /equal % 61
5071 /greater % 62 % /questiondown in TeX text

```

```

5072 /question % 63
5073 /at % 64
5074 /A % 65
5075 /B % 66
5076 /C % 67
5077 /D % 68
5078 /E % 69
5079 /F % 70
5080 /G % 71
5081 /H % 72
5082 /I % 73
5083 /J % 74
5084 /K % 75
5085 /L % 76
5086 /M % 77
5087 /N % 78
5088 /O % 79
5089 /P % 80
5090 /Q % 81
5091 /R % 82
5092 /S % 83
5093 /T % 84
5094 /U % 85
5095 /V % 86
5096 /W % 87
5097 /X % 88
5098 /Y % 89
5099 /Z % 90
5100 /bracketleft % 91
5101 /backslash % 92 % /quotedblleft in TeX text
5102 /bracketright % 93
5103 /circumflex % 94 % /asciicircum in ASCII
5104 /underscore % 95 % /dotaccent in TeX text
5105 /quoteleft % 96 % /grave accent in ANSI
5106 /a % 97
5107 /b % 98
5108 /c % 99
5109 /d % 100
5110 /e % 101
5111 /f % 102
5112 /g % 103
5113 /h % 104
5114 /i % 105
5115 /j % 106
5116 /k % 107
5117 /l % 108
5118 /m % 109
5119 /n % 110
5120 /o % 111
5121 /p % 112
5122 /q % 113
5123 /r % 114
5124 /s % 115
5125 /t % 116
5126 /u % 117
5127 /v % 118

```


5¹²⁸ /w % 119
5¹²⁹ /x % 120
5¹³⁰ /y % 121
5¹³¹ /z % 122
5¹³² /braceleft % 123 % /endash in TeX text
5¹³³ /bar % 124 % /emdash in TeX test
5¹³⁴ /braceright % 125 % /hungarumlaut in TeX text
5¹³⁵ /tilde % 126 % /asciitilde in ASCII
5¹³⁶ /sp % /dieresis % 127
5¹³⁷ /Lslash % 128 this position is unfortunate, but now too late to fix
5¹³⁸ /quotesingle % 129
5¹³⁹ /quotesinglbase % 130
5¹⁴⁰ /florin % 131
5¹⁴¹ /quotedblbase % 132
5¹⁴² /ellipsis % 133
5¹⁴³ /dagger % 134
5¹⁴⁴ /daggerdbl % 135
5¹⁴⁵ /ck % /circumflex % 136 % .notdef in texnansx
5¹⁴⁶ /perthousand % 137
5¹⁴⁷ /Scaron % 138
5¹⁴⁸ /guilsinglleft % 139
5¹⁴⁹ /cl % /OE % 140 % .notdef in texnansx
5¹⁵⁰ /Zcaron % 141
5¹⁵¹ /asciicircum % 142
5¹⁵² /minus % 143
5¹⁵³ /lslash % 144
5¹⁵⁴ /ct % /quoteleft % 145 % .notdef in texnansx
5¹⁵⁵ /sh % /quoteright % 146 % .notdef in texnansx
5¹⁵⁶ /quotedblleft % 147
5¹⁵⁷ /quotedblright % 148
5¹⁵⁸ /bullet % 149
5¹⁵⁹ /endash % 150
5¹⁶⁰ /emdash % 151
5¹⁶¹ /sk % /tilde % 152 % .notdef in texnansx
5¹⁶² /trademark % 153
5¹⁶³ /scaron % 154
5¹⁶⁴ /guilsinglright % 155
5¹⁶⁵ /sl % /oe % 156 % .notdef in texnansx
5¹⁶⁶ /zcaron % 157
5¹⁶⁷ /asciitilde % 158
5¹⁶⁸ /Ydieresis % 159
5¹⁶⁹ /nbsp % 160 % /space (no break space)
5¹⁷⁰ /exclamdown % 161
5¹⁷¹ /cent % 162
5¹⁷² /sterling % 163
5¹⁷³ /currency % 164
5¹⁷⁴ /yen % 165
5¹⁷⁵ /brokenbar % 166
5¹⁷⁶ /section % 167
5¹⁷⁷ /dieresis % 168
5¹⁷⁸ /copyright % 169
5¹⁷⁹ /ordfeminine % 170
5¹⁸⁰ /guillemotleft % 171
5¹⁸¹ /logicalnot % 172
5¹⁸² /sfthyphen % 173 % /hyphen (hanging hyphen)
5¹⁸³ /registered % 174

```

5184 /st % /macron % 175 % .notdef in texnansx
5185 /degree % 176
5186 /plusminus % 177
5187 /two.superior % 178
5188 /three.superior % 179
5189 /Qalt % /acute % 180 % .notdef in texnansx
5190 /mu % 181
5191 /paragraph % 182
5192 /periodcentered % 183
5193 /zero.slash % /cedilla % 184 % .notdef in texnansx
5194 /one.superior % 185
5195 /ordmasculine % 186
5196 /guillemotright % 187
5197 /onequarter % 188
5198 /onehalf % 189
5199 /threequarters % 190
5200 /questiondown % 191
5201 /Agrave % 192
5202 /Aacute % 193
5203 /Acircumflex % 194
5204 /Atilde % 195
5205 /Adieresis % 196
5206 /Aring % 197
5207 /AE % 198
5208 /Ccedilla % 199
5209 /Egrave % 200
5210 /Eacute % 201
5211 /Ecircumflex % 202
5212 /Edieresis % 203
5213 /Igrave % 204
5214 /Iacute % 205
5215 /Icircumflex % 206
5216 /Idieresis % 207
5217 /Eth % 208
5218 /Ntilde % 209
5219 /Ograve % 210
5220 /Oacute % 211
5221 /Ocircumflex % 212
5222 /Otilde % 213
5223 /Odieresis % 214
5224 /multiply % 215 % OE in T1
5225 /Oslash % 216
5226 /Ugrave % 217
5227 /Uacute % 218
5228 /Ucircumflex % 219
5229 /Udieresis % 220
5230 /Yacute % 221
5231 /Thorn % 222
5232 /.notdef % /germandbls % 223 % .notdef in texnansx
5233 /agrave % 224
5234 /aacute % 225
5235 /acircumflex % 226
5236 /atilde % 227
5237 /adieresis % 228
5238 /aring % 229
5239 /ae % 230

```

```

5240 /ccedilla % 231
5241 /egrave % 232
5242 /eacute % 233
5243 /ecircumflex % 234
5244 /edieresis % 235
5245 /igrave % 236
5246 /iacute % 237
5247 /icircumflex % 238
5248 /idieresis % 239
5249 /eth % 240
5250 /ntilde % 241
5251 /ograve % 242
5252 /oacute % 243
5253 /ocircumflex % 244
5254 /otilde % 245
5255 /odieresis % 246
5256 /divide % 247 % oe in T1
5257 /oslash % 248
5258 /ugrave % 249
5259 /uacute % 250
5260 /ucircumflex % 251
5261 /udieresis % 252
5262 /yacute % 253
5263 /thorn % 254
5264 /ydieresis % 255 % germandbls in T1
5265 ] def

```

B.2.15 texnansx-ybdjw.enc

texnansx-ybdjw.enc (*script*) Font encoding texnansx-ybdjw.

```

5266 /TeXnANSIEncoding-ybdjw [
5267 /fj % 0x00 0 .notdef in texnansx
5268 /Euro.taboldstyle % /uni20AC 1
5269 /ffj % 0x02 2 .notdef in texnansx
5270 /wcircumflex % 0x03 3 .notdef in texnansx
5271 /fraction % 4
5272 /dotaccent % 5
5273 /hungarumlaut % 6
5274 /ogonek % 7
5275 /fl % 8
5276 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
5277 /Ycircumflex % 10 not used, except boundary char internally maybe
5278 /ff % 11
5279 /fi % 12
5280 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
5281 /ffi % 14
5282 /ffl % 15
5283 /dotlessi % 16
5284 /dotlessj % 17
5285 /grave % 18
5286 /acute % 19
5287 /caron % 20

```

5288 /breve % 21
5289 /macron % 22
5290 /ring % 23
5291 /cedilla % 24
5292 /germandbls % 25
5293 /tt % /ae % 26
5294 /oe % 27
5295 /ch % /oslash % 28
5296 /fft % /AE % 29
5297 /OE % 30
5298 /ft % /Oslash % 31
5299 /space % 32 % /suppress in TeX text
5300 /exclam % 33
5301 /quotedbl % 34 % /quotedblright in TeX text
5302 /numbersign.taboldstyle % 35
5303 /dollar.taboldstyle % 36
5304 /percent.taboldstyle % 37
5305 /ampersand % 38
5306 /quoteright % 39 % /quotesingle in ANSI
5307 /parenleft % 40
5308 /parenright % 41
5309 /asterisk % 42
5310 /plus % 43
5311 /comma % 44
5312 /hyphen % 45
5313 /period % 46
5314 /slash % 47
5315 /zero.taboldstyle % 48
5316 /one.taboldstyle % 49
5317 /two.taboldstyle % 50
5318 /three.taboldstyle % 51
5319 /four.taboldstyle % 52
5320 /five.taboldstyle % 53
5321 /six.taboldstyle % 54
5322 /seven.taboldstyle % 55
5323 /eight.taboldstyle % 56
5324 /nine.taboldstyle % 57
5325 /colon % 58
5326 /semicolon % 59
5327 /less % 60 % /exclamdown in Tex text
5328 /equal % 61
5329 /greater % 62 % /questiondown in TeX text
5330 /question % 63
5331 /at % 64
5332 /A % 65
5333 /B % 66
5334 /C % 67
5335 /D % 68
5336 /E % 69
5337 /F % 70
5338 /G % 71
5339 /H % 72
5340 /I % 73
5341 /J % 74
5342 /K % 75
5343 /L % 76

5344 /M % 77
5345 /N % 78
5346 /O % 79
5347 /P % 80
5348 /Q % 81
5349 /R % 82
5350 /S % 83
5351 /T % 84
5352 /U % 85
5353 /V % 86
5354 /W % 87
5355 /X % 88
5356 /Y % 89
5357 /Z % 90
5358 /bracketleft % 91
5359 /backslash % 92 % /quotedblleft in TeX text
5360 /bracketright % 93
5361 /circumflex % 94 % /asciicircum in ASCII
5362 /underscore % 95 % /dotaccent in TeX text
5363 /quoteleft % 96 % /grave accent in ANSI
5364 /a % 97
5365 /b % 98
5366 /c % 99
5367 /d % 100
5368 /e % 101
5369 /f % 102
5370 /g % 103
5371 /h % 104
5372 /i % 105
5373 /j % 106
5374 /k % 107
5375 /l % 108
5376 /m % 109
5377 /n % 110
5378 /o % 111
5379 /p % 112
5380 /q % 113
5381 /r % 114
5382 /s % 115
5383 /t % 116
5384 /u % 117
5385 /v % 118
5386 /w % 119
5387 /x % 120
5388 /y % 121
5389 /z % 122
5390 /braceleft % 123 % /endash in TeX text
5391 /bar % 124 % /emdash in TeX text
5392 /braceright % 125 % /hungarumlaut in TeX text
5393 /tilde % 126 % /asciitilde in ASCII
5394 /sp % /dieresis % 127
5395 /Lslash % 128 this position is unfortunate, but now too late to fix
5396 /quotesingle % 129
5397 /quotingslbase % 130
5398 /florin % 131
5399 /quotedblbase % 132

5400 /ellipsis % 133
5401 /dagger % 134
5402 /daggerdbl % 135
5403 /ck % /circumflex % 136 % .notdef in texnansx
5404 /perthousand.taboldstyle % 137
5405 /Scaron % 138
5406 /guilsinglleft % 139
5407 /cl % /OE % 140 % .notdef in texnansx
5408 /Zcaron % 141
5409 /asciicircum % 142
5410 /minus % 143
5411 /lslash % 144
5412 /ct % /quoteleft % 145 % .notdef in texnansx
5413 /sh % /quoteright % 146 % .notdef in texnansx
5414 /quotedblleft % 147
5415 /quotedblright % 148
5416 /bullet % 149
5417 /endash % 150
5418 /emdash % 151
5419 /sk % /tilde % 152 % .notdef in texnansx
5420 /trademark % 153
5421 /scaron % 154
5422 /guilsinglright % 155
5423 /sl % /oe % 156 % .notdef in texnansx
5424 /zcaron % 157
5425 /asciitilde % 158
5426 /Ydieresis % 159
5427 /nbsp % 160 % /space (no break space)
5428 /exclamdown % 161
5429 /cent.taboldstyle % 162
5430 /sterling.taboldstyle % 163
5431 /currency % 164
5432 /yen.taboldstyle % 165
5433 /brokenbar % 166
5434 /section % 167
5435 /dieresis % 168
5436 /copyright % 169
5437 /ordfeminine % 170
5438 /guillemotleft % 171
5439 /logicalnot % 172
5440 /sfthyphen % 173 % /hyphen (hanging hyphen)
5441 /registered % 174
5442 /st % /macron % 175 % .notdef in texnansx
5443 /degree % 176
5444 /plusminus % 177
5445 /two.superior % 178
5446 /three.superior % 179
5447 /Qalt % /acute % 180 % .notdef in texnansx
5448 /mu % 181
5449 /paragraph % 182
5450 /periodcentered % 183
5451 /.notdef % /cedilla % 184
5452 /one.superior % 185
5453 /ordmasculine % 186
5454 /guillemotright % 187
5455 /onequarter % 188

5456 /onehalf % 189
 5457 /threequarters % 190
 5458 /questiondown % 191
 5459 /Agrave % 192
 5460 /Aacute % 193
 5461 /Acircumflex % 194
 5462 /Atilde % 195
 5463 /Adieresis % 196
 5464 /Aring % 197
 5465 /AE % 198
 5466 /Ccedilla % 199
 5467 /Egrave % 200
 5468 /Eacute % 201
 5469 /Ecircumflex % 202
 5470 /Edieresis % 203
 5471 /Igrave % 204
 5472 /Iacute % 205
 5473 /Icircumflex % 206
 5474 /Idieresis % 207
 5475 /Eth % 208
 5476 /Ntilde % 209
 5477 /Ograve % 210
 5478 /Oacute % 211
 5479 /Ocircumflex % 212
 5480 /Otilde % 213
 5481 /Odieresis % 214
 5482 /multiply % 215 % OE in T1
 5483 /Oslash % 216
 5484 /Ugrave % 217
 5485 /Uacute % 218
 5486 /Ucircumflex % 219
 5487 /Udieresis % 220
 5488 /Yacute % 221
 5489 /Thorn % 222
 5490 /.notdef % /germandbls % 223 % .notdef in texnansx
 5491 /agrave % 224
 5492 /aacute % 225
 5493 /acircumflex % 226
 5494 /atilde % 227
 5495 /adieresis % 228
 5496 /aring % 229
 5497 /ae % 230
 5498 /ccedilla % 231
 5499 /egrave % 232
 5500 /eacute % 233
 5501 /ecircumflex % 234
 5502 /edieresis % 235
 5503 /igrave % 236
 5504 /iacute % 237
 5505 /icircumflex % 238
 5506 /idieresis % 239
 5507 /eth % 240
 5508 /ntilde % 241
 5509 /ograve % 242
 5510 /oacute % 243
 5511 /ocircumflex % 244

```

5512 /otilde % 245
5513 /odieresis % 246
5514 /divide % 247 % oe in T1
5515 /oslash % 248
5516 /ugrave % 249
5517 /uacute % 250
5518 /ucircumflex % 251
5519 /udieresis % 252
5520 /yacute % 253
5521 /thorn % 254
5522 /ydieresis % 255 % germandbls in T1
5523 ] def

```

B.2.16 texnansx-ybdw.enc

texnansx-ybdw.enc (*script*) Font encoding texnansx-ybdw.

```

5524 /TeXnANSIEncoding-ybdw [
5525 /fj % 0x00 0 .notdef in texnansx
5526 /Euro.fitted % /uni20AC 1
5527 /ffj % 0x02 2 .notdef in texnansx
5528 /wcircumflex % 0x03 3 .notdef in texnansx
5529 /fraction % 4
5530 /dotaccent % 5
5531 /hungarumlaut % 6
5532 /ogonek % 7
5533 /fl % 8
5534 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
only; .notdef in texnansx
5535 /Ycircumflex % 10 not used, except boundary char internally maybe
5536 /ff % 11
5537 /fi % 12
5538 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
.notdef in texnansx
5539 /ffi % 14
5540 /ffl % 15
5541 /dotlessi % 16
5542 /dotlessj % 17
5543 /grave % 18
5544 /acute % 19
5545 /caron % 20
5546 /breve % 21
5547 /macron % 22
5548 /ring % 23
5549 /cedilla % 24
5550 /germandbls % 25
5551 /tt % /ae % 26
5552 /oe % 27
5553 /ch % /oslash % 28
5554 /fft % /AE % 29
5555 /OE % 30
5556 /ft % /Oslash % 31
5557 /space % 32 % /suppress in TeX text
5558 /exclam % 33
5559 /quotedbl % 34 % /quotedblright in TeX text

```


5560 /numbersign.fitted % 35
5561 /dollar.fitted % 36
5562 /percent.fitted % 37
5563 /ampersand % 38
5564 /quoteright % 39 % /quotesingle in ANSI
5565 /parenleft % 40
5566 /parenright % 41
5567 /asterisk % 42
5568 /plus % 43
5569 /comma % 44
5570 /hyphen % 45
5571 /period % 46
5572 /slash % 47
5573 /zero.fitted % 48
5574 /one.fitted % 49
5575 /two.fitted % 50
5576 /three.fitted % 51
5577 /four.fitted % 52
5578 /five.fitted % 53
5579 /six.fitted % 54
5580 /seven.fitted % 55
5581 /eight.fitted % 56
5582 /nine.fitted % 57
5583 /colon % 58
5584 /semicolon % 59
5585 /less % 60 % /exclamdown in Tex text
5586 /equal % 61
5587 /greater % 62 % /questiondown in TeX text
5588 /question % 63
5589 /at % 64
5590 /A % 65
5591 /B % 66
5592 /C % 67
5593 /D % 68
5594 /E % 69
5595 /F % 70
5596 /G % 71
5597 /H % 72
5598 /I % 73
5599 /J % 74
5600 /K % 75
5601 /L % 76
5602 /M % 77
5603 /N % 78
5604 /O % 79
5605 /P % 80
5606 /Q % 81
5607 /R % 82
5608 /S % 83
5609 /T % 84
5610 /U % 85
5611 /V % 86
5612 /W % 87
5613 /X % 88
5614 /Y % 89
5615 /Z % 90

```

5616 /bracketleft % 91
5617 /backslash % 92 % /quotedblleft in TeX text
5618 /bracketright % 93
5619 /circumflex % 94 % /asciicircum in ASCII
5620 /underscore % 95 % /dotaccent in TeX text
5621 /quoteleft % 96 % /grave accent in ANSI
5622 /a % 97
5623 /b % 98
5624 /c % 99
5625 /d % 100
5626 /e % 101
5627 /f % 102
5628 /g % 103
5629 /h % 104
5630 /i % 105
5631 /j % 106
5632 /k % 107
5633 /l % 108
5634 /m % 109
5635 /n % 110
5636 /o % 111
5637 /p % 112
5638 /q % 113
5639 /r % 114
5640 /s % 115
5641 /t % 116
5642 /u % 117
5643 /v % 118
5644 /w % 119
5645 /x % 120
5646 /y % 121
5647 /z % 122
5648 /braceleft % 123 % /endash in TeX text
5649 /bar % 124 % /emdash in TeX test
5650 /braceright % 125 % /hungarumlaut in TeX text
5651 /tilde % 126 % /asciitilde in ASCII
5652 /sp % /dieresis % 127
5653 /Lslash % 128 this position is unfortunate, but now too late to fix
5654 /quotesingle % 129
5655 /quotingslbase % 130
5656 /florin % 131
5657 /quotedblbase % 132
5658 /ellipsis % 133
5659 /dagger % 134
5660 /daggerdbl % 135
5661 /ck % /circumflex % 136 % .notdef in texnansx
5662 /perthousand % 137
5663 /Scaron % 138
5664 /guilsinglleft % 139
5665 /cl % /OE % 140 % .notdef in texnansx
5666 /Zcaron % 141
5667 /asciicircum % 142
5668 /minus % 143
5669 /lslash % 144
5670 /ct % /quoteleft % 145 % .notdef in texnansx
5671 /sh % /quoteright % 146 % .notdef in texnansx

```

5672 /quotedblleft % 147
 5673 /quotedblright % 148
 5674 /bullet % 149
 5675 /endash % 150
 5676 /emdash % 151
 5677 /sk % /tilde % 152 % .notdef in texnansx
 5678 /trademark % 153
 5679 /scaron % 154
 5680 /guilsinglright % 155
 5681 /sl % /oe % 156 % .notdef in texnansx
 5682 /zcaron % 157
 5683 /asciitilde % 158
 5684 /Ydieresis % 159
 5685 /nbsp % 160 % /space (no break space)
 5686 /exclamdown % 161
 5687 /cent.fitted % 162
 5688 /sterling.fitted % 163
 5689 /currency % 164
 5690 /yen.fitted % 165
 5691 /brokenbar % 166
 5692 /section % 167
 5693 /dieresis % 168
 5694 /copyright % 169
 5695 /ordfeminine % 170
 5696 /guillemotleft % 171
 5697 /logicalnot % 172
 5698 /sfthyphen % 173 % /hyphen (hanging hyphen)
 5699 /registered % 174
 5700 /st % /macron % 175 % .notdef in texnansx
 5701 /degree % 176
 5702 /plusminus % 177
 5703 /two.superior % 178
 5704 /three.superior % 179
 5705 /Qalt % /acute % 180 % .notdef in texnansx
 5706 /mu % 181
 5707 /paragraph % 182
 5708 /periodcentered % 183
 5709 /zero.slashfitted % /cedilla % 184 % .notdef in texnansx
 5710 /one.superior % 185
 5711 /ordmasculine % 186
 5712 /guillemotright % 187
 5713 /onequarter % 188
 5714 /onehalf % 189
 5715 /threequarters % 190
 5716 /questiondown % 191
 5717 /Agrave % 192
 5718 /Aacute % 193
 5719 /Acircumflex % 194
 5720 /Atilde % 195
 5721 /Adieresis % 196
 5722 /Aring % 197
 5723 /AE % 198
 5724 /Ccedilla % 199
 5725 /Egrave % 200
 5726 /Eacute % 201
 5727 /Ecircumflex % 202

```

5728 /Edieresis % 203
5729 /Igrave % 204
5730 /Iacute % 205
5731 /Icircumflex % 206
5732 /Idieresis % 207
5733 /Eth % 208
5734 /Ntilde % 209
5735 /Ograve % 210
5736 /Oacute % 211
5737 /Ocircumflex % 212
5738 /Otilde % 213
5739 /Odieresis % 214
5740 /multiply % 215 % OE in T1
5741 /Oslash % 216
5742 /Ugrave % 217
5743 /Uacute % 218
5744 /Ucircumflex % 219
5745 /Udieresis % 220
5746 /Yacute % 221
5747 /Thorn % 222
5748 /.notdef % /germandbls % 223 % .notdef in texnansx
5749 /agrave % 224
5750 /aacute % 225
5751 /acircumflex % 226
5752 /atilde % 227
5753 /adieresis % 228
5754 /aring % 229
5755 /ae % 230
5756 /ccedilla % 231
5757 /egrave % 232
5758 /eacute % 233
5759 /ecircumflex % 234
5760 /edieresis % 235
5761 /igrave % 236
5762 /iacute % 237
5763 /icircumflex % 238
5764 /idieresis % 239
5765 /eth % 240
5766 /ntilde % 241
5767 /ograve % 242
5768 /oacute % 243
5769 /ocircumflex % 244
5770 /otilde % 245
5771 /odieresis % 246
5772 /divide % 247 % oe in T1
5773 /oslash % 248
5774 /ugrave % 249
5775 /uacute % 250
5776 /ucircumflex % 251
5777 /udieresis % 252
5778 /yacute % 253
5779 /thorn % 254
5780 /ydieresis % 255 % germandbls in T1
5781 ] def

```

B.2.17 ts1-ybd.enc

ts1-ybd.enc (script) Font encoding ts1-ybd.

```

5782 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

5783 /ts1-ybd [          5833 /.notdef          5883 % 88
5784 % 0                5834 /comma            5884 /.notdef
5785 /capitalgrave      5835 /hyphendbl         5885 /.notdef
5786 /capitalacute      5836 /period            5886 /.notdef
5787 /capitalcircumflex 5837 /fraction        5887 /openbracketleft
5788 /capitaltilde      5838 % 48             5888 /.notdef
5789 /capitaldieresis   5839 /zero.taboldstyle 5889 /openbracketright
5790 /capitalhungarumlaut 5840 /one.taboldstyle 5890 /arrowup
5791 /capitalring        5841 /two.taboldstyle   5891 /arrowdown
5792 /capitalcaron       5842 /three.taboldstyle 5892 % 96
5793 % 8                5843 /four.taboldstyle 5893 /asciigrave
5794 /capitalbreve       5844 /five.taboldstyle  5894 /.notdef
5795 /capitalmacron      5845 /six.taboldstyle   5895 /born
5796 /capitaldotaccent  5846 /seven.taboldstyle 5896 /divorced
5797 /cedilla           5847 % 56             5897 /died
5798 /ogonek            5848 /eight.taboldstyle 5898 /.notdef
5799 /quotesinglbase    5849 /nine.taboldstyle 5899 /.notdef
5800 /.notdef           5850 /.notdef          5900 /.notdef
5801 /.notdef           5851 /.notdef          5901 % 104
5802 % 16              5852 /angbracketleft  5902 /.notdef
5803 /.notdef           5853 /minus            5903 /.notdef
5804 /.notdef           5854 /angbracketright 5904 /.notdef
5805 /quotedblbase     5855 /.notdef          5905 /.notdef
5806 /.notdef           5856 % 64             5906 /leaf
5807 /.notdef           5857 /.notdef          5907 /married
5808 /twelveudash      5858 /.notdef          5908 /musicalnote
5809 /threequartersemdash 5859 /.notdef        5909 /.notdef
5810 /capitalcompwordmark 5860 /.notdef        5910 % 112
5811 % 24              5861 /.notdef          5911 /.notdef
5812 /arrowleft         5862 /.notdef          5912 /.notdef
5813 /arrowright        5863 /.notdef          5913 /.notdef
5814 /tieaccentlowercase 5864 /.notdef          5914 /.notdef
5815 /tieaccentcapital  5865 % 72             5915 /.notdef
5816 /newtieaccentlowercase 5866 /.notdef        5916 /.notdef
5817 /newtieaccentcapital 5867 /.notdef          5917 /.notdef
5818 /.notdef           5868 /.notdef          5918 /.notdef
5819 /ascendercompwordmark 5869 /.notdef        5919 % 120
5820 % 32              5870 /.notdef          5920 /.notdef
5821 /blank             5871 /Omegainv         5921 /.notdef
5822 /.notdef           5872 /.notdef          5922 /.notdef
5823 /.notdef           5873 /bigcircle        5923 /.notdef
5824 /.notdef           5874 % 80             5924 /.notdef
5825 /dollar.fitted    5875 /.notdef          5925 /.notdef
5826 /.notdef           5876 /.notdef          5926 /tildelow
5827 /.notdef           5877 /.notdef          5927 /hyphendblchar
5828 /quotesingle       5878 /.notdef          5928 % 128
5829 % 40              5879 /.notdef          5929 /asciibreve
5830 /.notdef           5880 /.notdef          5930 /asciicaron
5831 /.notdef           5881 /.notdef          5931 /asciicutedbl
5832 /asteriskcentered  5882 /Omega            5932 /asciigravedbl

```

5933 /dagger	5981 /asciimacron	6029 /.notdef
5934 /daggerdbl	5982 % 176	6030 /.notdef
5935 /bardbl	5983 /degree	6031 /.notdef
5936 /perthousand.fitted	5984 /plusminus	6032 /.notdef
5937 % 136	5985 /two.superior	6033 /.notdef
5938 /bullet	5986 /three.superior	6034 /.notdef
5939 /centigrade	5987 /asciiacute	6035 /.notdef
5940 /dollar.taboldstyle	5988 /mu	6036 % 224
5941 /cent.taboldstyle	5989 /paragraph	6037 /.notdef
5942 /florin	5990 /periodcentered	6038 /.notdef
5943 /colonmonetary	5991 % 184	6039 /.notdef
5944 /won	5992 /referencemark	6040 /.notdef
5945 /naira	5993 /one.superior	6041 /.notdef
5946 % 144	5994 /ordmasculine	6042 /.notdef
5947 /guarani	5995 /radical	6043 /.notdef
5948 /peso	5996 /onequarter	6044 /.notdef
5949 /lira	5997 /onehalf	6045 % 232
5950 /recipe	5998 /threequarters	6046 /.notdef
5951 /interrobang	5999 /Euro.fitted	6047 /.notdef
5952 /interrobangdown	6000 % 192	6048 /.notdef
5953 /dong	6001 /Euro.fitted	6049 /.notdef
5954 /trademark	6002 /euro.fitted	6050 /.notdef
5955 % 152	6003 /.notdef	6051 /.notdef
5956 /pertenthousand	6004 /.notdef	6052 /.notdef
5957 /pilcrow	6005 /.notdef	6053 /.notdef
5958 /baht	6006 /.notdef	6054 % 240
5959 /numero	6007 /.notdef	6055 /.notdef
5960 /discount	6008 /.notdef	6056 /.notdef
5961 /estimated	6009 % 200	6057 /.notdef
5962 /openbullet	6010 /.notdef	6058 /.notdef
5963 /servicemark	6011 /.notdef	6059 /.notdef
5964 % 160	6012 /.notdef	6060 /.notdef
5965 /quillbracketleft	6013 /.notdef	6061 /divide
5966 /quillbracketright	6014 /.notdef	6062 /.notdef
5967 /cent.fitted	6015 /.notdef	6063 % 248
5968 /sterling.fitted	6016 /.notdef	6064 /.notdef
5969 /currency	6017 /.notdef	6065 /.notdef
5970 /yen.fitted	6018 % 208	6066 /.notdef
5971 /brokenbar	6019 /.notdef	6067 /.notdef
5972 /section	6020 /.notdef	6068 /.notdef
5973 % 168	6021 /.notdef	6069 /.notdef
5974 /asciidieresis	6022 /.notdef	6070 /.notdef
5975 /copyright	6023 /.notdef	6071 /.notdef
5976 /ordfeminine	6024 /.notdef	6072] def
5977 /copyleft	6025 /multiply	6073 %%EndResource
5978 /logicalnot	6026 /.notdef	6074 %
5979 /circledP	6027 % 216	6075 % End of file
5980 /registered	6028 /.notdef	ts1-ybd.enc.

B.2.18 ts1-ybd0.enc

ts1-ybd0.enc (script) Font encoding ts1-ybdo.

```
6076 %%BeginResource: encoding fontinst-autoenc-ts1-dotinferior
```

6077 /ts1-ybd0 [6133 /zerooldstyle.inferior
6078 % 0	6134 /oneoldstyle.inferior
6079 /capitalgrave.inferior	6135 /twooldstyle.inferior
6080 /capitalacute.inferior	6136 /threeoldstyle.inferior
6081 /capitalcircumflex.inferior	6137 /fouroldstyle.inferior
6082 /capitaltilde.inferior	6138 /fiveoldstyle.inferior
6083 /capitaldieresis.inferior	6139 /sixoldstyle.inferior
6084 /capitalhungarumlaut.inferior	6140 /sevenoldstyle.inferior
6085 /capitalring.inferior	6141 % 56
6086 /capitalcaron.inferior	6142 /eightoldstyle.inferior
6087 % 8	6143 /nineoldstyle.inferior
6088 /capitalbreve.inferior	6144 /.notdef
6089 /capitalmacron.inferior	6145 /.notdef
6090 /capitaldotaccent.inferior	6146 /angbracketleft.inferior
6091 /cedilla.inferior	6147 /minus.inferior
6092 /ogonek.inferior	6148 /angbracketright.inferior
6093 /quotesinglbase.inferior	6149 /.notdef
6094 /.notdef	6150 % 64
6095 /.notdef	6151 /.notdef
6096 % 16	6152 /.notdef
6097 /.notdef	6153 /.notdef
6098 /.notdef	6154 /.notdef
6099 /quotedblbase.inferior	6155 /.notdef
6100 /.notdef	6156 /.notdef
6101 /.notdef	6157 /.notdef
6102 /twelveudash.inferior	6158 /.notdef
6103 /threequartersemdash.inferior	6159 % 72
6104 /capitalcompwordmark.inferior	6160 /.notdef
6105 % 24	6161 /.notdef
6106 /arrowleft.inferior	6162 /.notdef
6107 /arrowright.inferior	6163 /.notdef
6108 /tieaccentlowercase.inferior	6164 /.notdef
6109 /tieaccentcapital.inferior	6165 /Omegainv.inferior
6110 /newtieaccentlowercase.inferior	6166 /.notdef
6111 /newtieaccentcapital.inferior	6167 /bigcircle.inferior
6112 /.notdef	6168 % 80
6113 /ascendercompwordmark.inferior	6169 /.notdef
6114 % 32	6170 /.notdef
6115 /blank.inferior	6171 /.notdef
6116 /.notdef	6172 /.notdef
6117 /.notdef	6173 /.notdef
6118 /.notdef	6174 /.notdef
6119 /dollar.inferior	6175 /.notdef
6120 /.notdef	6176 /Omega.inferior
6121 /.notdef	6177 % 88
6122 /quotesingle.inferior	6178 /.notdef
6123 % 40	6179 /.notdef
6124 /.notdef	6180 /.notdef
6125 /.notdef	6181 /openbracketleft.inferior
6126 /asteriskcentered.inferior	6182 /.notdef
6127 /.notdef	6183 /openbracketright.inferior
6128 /comma.inferior	6184 /arrowup.inferior
6129 /hyphendbl.inferior	6185 /arrowdown.inferior
6130 /period.inferior	6186 % 96
6131 /fraction.inferior	6187 /asciigrave.inferior
6132 % 48	6188 /.notdef

6189 /born.inferior	6245 /interrobang.inferior
6190 /divorced.inferior	6246 /interrobangdown.inferior
6191 /died.inferior	6247 /dong.inferior
6192 /.notdef	6248 /trademark.inferior
6193 /.notdef	6249 % 152
6194 /.notdef	6250 /pertenthousand.inferior
6195 % 104	6251 /pilcrow.inferior
6196 /.notdef	6252 /baht.inferior
6197 /.notdef	6253 /numero.inferior
6198 /.notdef	6254 /discount.inferior
6199 /.notdef	6255 /estimated.inferior
6200 /leaf.inferior	6256 /openbullet.inferior
6201 /married.inferior	6257 /servicemark.inferior
6202 /musicalnote.inferior	6258 % 160
6203 /.notdef	6259 /quillbracketleft.inferior
6204 % 112	6260 /quillbracketright.inferior
6205 /.notdef	6261 /cent.inferior
6206 /.notdef	6262 /sterling.inferior
6207 /.notdef	6263 /currency.inferior
6208 /.notdef	6264 /yen.inferior
6209 /.notdef	6265 /brokenbar.inferior
6210 /.notdef	6266 /section.inferior
6211 /.notdef	6267 % 168
6212 /.notdef	6268 /asciidieresis.inferior
6213 % 120	6269 /copyright.inferior
6214 /.notdef	6270 /ordfeminine.inferior
6215 /.notdef	6271 /copyleft.inferior
6216 /.notdef	6272 /logicalnot.inferior
6217 /.notdef	6273 /circledP.inferior
6218 /.notdef	6274 /registered.inferior
6219 /.notdef	6275 /asciimacron.inferior
6220 /tildelow.inferior	6276 % 176
6221 /hyphendblchar.inferior	6277 /degree.inferior
6222 % 128	6278 /plusminus.inferior
6223 /asciibreve.inferior	6279 /two.superior
6224 /asciicaron.inferior	6280 /three.superior
6225 /asciacutedbl.inferior	6281 /asciacute.inferior
6226 /asciigravedbl.inferior	6282 /mu.inferior
6227 /dagger.inferior	6283 /paragraph.inferior
6228 /daggerdbl.inferior	6284 /periodcentered.inferior
6229 /bardbl.inferior	6285 % 184
6230 /perthousand.inferior	6286 /referencemark.inferior
6231 % 136	6287 /one.superior
6232 /bullet.inferior	6288 /ordmasculine.inferior
6233 /centigrade.inferior	6289 /radical.inferior
6234 /dollaroldstyle.inferior	6290 /onequarter.inferior
6235 /centoldstyle.inferior	6291 /onehalf.inferior
6236 /florin.inferior	6292 /threequarters.inferior
6237 /colonmonetary.inferior	6293 /Euro.inferior
6238 /won.inferior	6294 % 192
6239 /naira.inferior	6295 /.notdef
6240 % 144	6296 /.notdef
6241 /guarani.inferior	6297 /.notdef
6242 /peso.inferior	6298 /.notdef
6243 /lira.inferior	6299 /.notdef
6244 /recipe.inferior	6300 /.notdef


```

6301 /.notdef
6302 /.notdef
6303 % 200
6304 /.notdef
6305 /.notdef
6306 /.notdef
6307 /.notdef
6308 /.notdef
6309 /.notdef
6310 /.notdef
6311 /.notdef
6312 % 208
6313 /.notdef
6314 /.notdef
6315 /.notdef
6316 /.notdef
6317 /.notdef
6318 /.notdef
6319 /multiply.inferior
6320 /.notdef
6321 % 216
6322 /.notdef
6323 /.notdef
6324 /.notdef
6325 /.notdef
6326 /.notdef
6327 /.notdef
6328 /.notdef
6329 /.notdef
6330 % 224
6331 /.notdef
6332 /.notdef
6333 /.notdef
6334 /.notdef
6335 /.notdef
6336 /.notdef
6337 /.notdef
6338 /.notdef
6339 % 232
6340 /.notdef
6341 /.notdef
6342 /.notdef
6343 /.notdef
6344 /.notdef
6345 /.notdef
6346 /.notdef
6347 /.notdef
6348 % 240
6349 /.notdef
6350 /.notdef
6351 /.notdef
6352 /.notdef
6353 /.notdef
6354 /.notdef
6355 /divide.inferior
6356 /.notdef
6357 % 248
6358 /.notdef
6359 /.notdef
6360 /.notdef
6361 /.notdef
6362 /.notdef
6363 /.notdef
6364 /.notdef
6365 /.notdef
6366 ] def
6367 %%EndResource
6368 %
6369 % End of file ts1-ybd0.enc.

```

B.2.19 ts1-ybd1.enc

ts1-ybd1.enc (*script*) Font encoding ts1-ybd1.

```

6370 %%BeginResource: encoding fontinst-autoenc-ts1-dotsuperior

6371 /ts1-ybd1 [
6372 % 0
6373 /capitalgrave.superior
6374 /capitalacute.superior
6375 /capitalcircumflex.superior
6376 /capitaltilde.superior
6377 /capitaldieresis.superior
6378 /capitalhungarumlaut.superior
6379 /capitalring.superior
6380 /capitalcaron.superior
6381 % 8
6382 /capitalbreve.superior
6383 /capitalmacron.superior
6384 /capitaldotaccent.superior
6385 /cedilla.superior
6386 /ogonek.superior
6387 /quotesinglbase.superior
6388 /.notdef
6389 /.notdef
6390 % 16
6391 /.notdef
6392 /.notdef
6393 /quotedblbase.superior
6394 /.notdef
6395 /.notdef
6396 /twelveudash.superior

```

6397 /threequartersemdash.superior	6453 % 72
6398 /capitalcompwordmark.superior	6454 /.notdef
6399 % 24	6455 /.notdef
6400 /arrowleft.superior	6456 /.notdef
6401 /arrowright.superior	6457 /.notdef
6402 /tieaccentlowercase.superior	6458 /.notdef
6403 /tieaccentcapital.superior	6459 /Omegainv.superior
6404 /newtieaccentlowercase.superior	6460 /.notdef
6405 /newtieaccentcapital.superior	6461 /bigcircle.superior
6406 /.notdef	6462 % 80
6407 /ascendercompwordmark.superior	6463 /.notdef
6408 % 32	6464 /.notdef
6409 /blank.superior	6465 /.notdef
6410 /.notdef	6466 /.notdef
6411 /.notdef	6467 /.notdef
6412 /.notdef	6468 /.notdef
6413 /dollar.superior	6469 /.notdef
6414 /.notdef	6470 /Omega.superior
6415 /.notdef	6471 % 88
6416 /quotesingle.superior	6472 /.notdef
6417 % 40	6473 /.notdef
6418 /.notdef	6474 /.notdef
6419 /.notdef	6475 /openbracketleft.superior
6420 /asteriskcentered.superior	6476 /.notdef
6421 /.notdef	6477 /openbracketright.superior
6422 /comma.superior	6478 /arrowup.superior
6423 /hyphendbl.superior	6479 /arrowdown.superior
6424 /period.superior	6480 % 96
6425 /fraction.superior	6481 /asciigrave.superior
6426 % 48	6482 /.notdef
6427 /zerooldstyle.superior	6483 /born.superior
6428 /oneoldstyle.superior	6484 /divorced.superior
6429 /twooldstyle.superior	6485 /died.superior
6430 /threeoldstyle.superior	6486 /.notdef
6431 /fouroldstyle.superior	6487 /.notdef
6432 /fiveoldstyle.superior	6488 /.notdef
6433 /sixoldstyle.superior	6489 % 104
6434 /sevenoldstyle.superior	6490 /.notdef
6435 % 56	6491 /.notdef
6436 /eightoldstyle.superior	6492 /.notdef
6437 /nineoldstyle.superior	6493 /.notdef
6438 /.notdef	6494 /leaf.superior
6439 /.notdef	6495 /married.superior
6440 /angbracketleft.superior	6496 /musicalnote.superior
6441 /minus.superior	6497 /.notdef
6442 /angbracketright.superior	6498 % 112
6443 /.notdef	6499 /.notdef
6444 % 64	6500 /.notdef
6445 /.notdef	6501 /.notdef
6446 /.notdef	6502 /.notdef
6447 /.notdef	6503 /.notdef
6448 /.notdef	6504 /.notdef
6449 /.notdef	6505 /.notdef
6450 /.notdef	6506 /.notdef
6451 /.notdef	6507 % 120
6452 /.notdef	6508 /.notdef

6509 / .notdef	6565 / copyleft.superior
6510 / .notdef	6566 / logicalnot.superior
6511 / .notdef	6567 / circledP.superior
6512 / .notdef	6568 / registered.superior
6513 / .notdef	6569 / asciimacron.superior
6514 / tildelow.superior	6570 % 176
6515 / hyphendblchar.superior	6571 / degree.superior
6516 % 128	6572 / plusminus.superior
6517 / asciibreve.superior	6573 / two.superior
6518 / asciicaron.superior	6574 / three.superior
6519 / asciiacutedbl.superior	6575 / asciiacute.superior
6520 / asciigravedbl.superior	6576 / mu.superior
6521 / dagger.superior	6577 / paragraph.superior
6522 / daggerdbl.superior	6578 / periodcentered.superior
6523 / bardbl.superior	6579 % 184
6524 / perthousand.superior	6580 / referencemark.superior
6525 % 136	6581 / one.superior
6526 / bullet.superior	6582 / ordmasculine.superior
6527 / centigrade.superior	6583 / radical.superior
6528 / dollaroldstyle.superior	6584 / onequarter.superior
6529 / centoldstyle.superior	6585 / onehalf.superior
6530 / florin.superior	6586 / threequarters.superior
6531 / colonmonetary.superior	6587 / Euro.superior
6532 / won.superior	6588 % 192
6533 / naira.superior	6589 / .notdef
6534 % 144	6590 / .notdef
6535 / guarani.superior	6591 / .notdef
6536 / peso.superior	6592 / .notdef
6537 / lira.superior	6593 / .notdef
6538 / recipe.superior	6594 / .notdef
6539 / interrobang.superior	6595 / .notdef
6540 / interrobangdown.superior	6596 / .notdef
6541 / dong.superior	6597 % 200
6542 / trademark.superior	6598 / .notdef
6543 % 152	6599 / .notdef
6544 / pertenthousand.superior	6600 / .notdef
6545 / pilcrow.superior	6601 / .notdef
6546 / baht.superior	6602 / .notdef
6547 / numero.superior	6603 / .notdef
6548 / discount.superior	6604 / .notdef
6549 / estimated.superior	6605 / .notdef
6550 / openbullet.superior	6606 % 208
6551 / servicemark.superior	6607 / .notdef
6552 % 160	6608 / .notdef
6553 / quillbracketleft.superior	6609 / .notdef
6554 / quillbracketright.superior	6610 / .notdef
6555 / cent.superior	6611 / .notdef
6556 / sterling.superior	6612 / .notdef
6557 / currency.superior	6613 / multiply.superior
6558 / yen.superior	6614 / .notdef
6559 / brokenbar.superior	6615 % 216
6560 / section.superior	6616 / .notdef
6561 % 168	6617 / .notdef
6562 / asciidieresis.superior	6618 / .notdef
6563 / copyright.superior	6619 / .notdef
6564 / ordfeminine.superior	6620 / .notdef

```

6621 /.notdef
6622 /.notdef
6623 /.notdef
6624 % 224
6625 /.notdef
6626 /.notdef
6627 /.notdef
6628 /.notdef
6629 /.notdef
6630 /.notdef
6631 /.notdef
6632 /.notdef
6633 % 232
6634 /.notdef
6635 /.notdef
6636 /.notdef
6637 /.notdef
6638 /.notdef
6639 /.notdef
6640 /.notdef
6641 /.notdef
6642 % 240

6643 /.notdef
6644 /.notdef
6645 /.notdef
6646 /.notdef
6647 /.notdef
6648 /.notdef
6649 /divide.superior
6650 /.notdef
6651 % 248
6652 /.notdef
6653 /.notdef
6654 /.notdef
6655 /.notdef
6656 /.notdef
6657 /.notdef
6658 /.notdef
6659 /.notdef
6660 ] def
6661 %%EndResource
6662 %
6663 % End of file ts1-ybd1.enc.

```

B.2.20 ts1-ybd2.enc

ts1-ybd2.enc (*script*) Font encoding ts1-ybd2.

```
6664 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle
```

```

6665 /ts1-ybd2 [
6666 % 0
6667 /capitalgrave
6668 /capitalacute
6669 /capitalcircumflex
6670 /capitaltilde
6671 /capitaldieresis
6672 /capitalhungarumlaut
6673 /capitalring
6674 /capitalcaron
6675 % 8
6676 /capitalbreve
6677 /capitalmacron
6678 /capitaldotaccent
6679 /cedilla
6680 /ogonek
6681 /quotesinglbase
6682 /.notdef
6683 /.notdef
6684 % 16
6685 /.notdef
6686 /.notdef
6687 /quotedblbase
6688 /.notdef
6689 /.notdef
6690 /twelveudash

6691 /threequartersemdash
6692 /capitalcompwordmark
6693 % 24
6694 /arrowleft
6695 /arrowright
6696 /tieaccentlowercase
6697 /tieaccentcapital
6698 /newtieaccentlowercase
6699 /newtieaccentcapital
6700 /.notdef
6701 /ascendercompwordmark
6702 % 32
6703 /blank
6704 /.notdef
6705 /.notdef
6706 /.notdef
6707 /dollar
6708 /.notdef
6709 /.notdef
6710 /quotesingle
6711 % 40
6712 /.notdef
6713 /.notdef
6714 /asteriskcentered
6715 /.notdef
6716 /comma

6717 /hyphendbl
6718 /period
6719 /fraction
6720 % 48
6721 /zero.oldstyle
6722 /one.oldstyle
6723 /two.oldstyle
6724 /three.oldstyle
6725 /four.oldstyle
6726 /five.oldstyle
6727 /six.oldstyle
6728 /seven.oldstyle
6729 % 56
6730 /eight.oldstyle
6731 /nine.oldstyle
6732 /.notdef
6733 /.notdef
6734 /angbracketleft
6735 /minus
6736 /angbracketright
6737 /.notdef
6738 % 64
6739 /.notdef
6740 /.notdef
6741 /.notdef
6742 /.notdef

```

6743 /.notdef	6799 /.notdef	6855 % 168
6744 /.notdef	6800 /.notdef	6856 /asciidieresis
6745 /.notdef	6801 % 120	6857 /copyright
6746 /.notdef	6802 /.notdef	6858 /ordfeminine
6747 % 72	6803 /.notdef	6859 /copyleft
6748 /.notdef	6804 /.notdef	6860 /logicalnot
6749 /.notdef	6805 /.notdef	6861 /circledP
6750 /.notdef	6806 /.notdef	6862 /registered
6751 /.notdef	6807 /.notdef	6863 /asciimacron
6752 /.notdef	6808 /tildelow	6864 % 176
6753 /Omegainv	6809 /hyphendblchar	6865 /degree
6754 /.notdef	6810 % 128	6866 /plusminus
6755 /bigcircle	6811 /asciibreve	6867 /two.superior
6756 % 80	6812 /asciicaron	6868 /three.superior
6757 /.notdef	6813 /asciiaacutedbl	6869 /asciiaacute
6758 /.notdef	6814 /asciigravedbl	6870 /mu
6759 /.notdef	6815 /dagger	6871 /paragraph
6760 /.notdef	6816 /daggerdbl	6872 /periodcentered
6761 /.notdef	6817 /bardbl	6873 % 184
6762 /.notdef	6818 /perthousand	6874 /referencemark
6763 /.notdef	6819 % 136	6875 /one.superior
6764 /Omega	6820 /bullet	6876 /ordmasculine
6765 % 88	6821 /centigrade	6877 /radical
6766 /.notdef	6822 /dollar.oldstyle	6878 /onequarter
6767 /.notdef	6823 /cent.oldstyle	6879 /onehalf
6768 /.notdef	6824 /florin	6880 /threequarters
6769 /openbracketleft	6825 /colonmonetary	6881 /Euro
6770 /.notdef	6826 /won	6882 % 192
6771 /openbracketright	6827 /naira	6883 /Euro
6772 /arrowup	6828 % 144	6884 /euro
6773 /arrowdown	6829 /guarani	6885 /.notdef
6774 % 96	6830 /peso	6886 /.notdef
6775 /asciigrave	6831 /lira	6887 /.notdef
6776 /.notdef	6832 /recipe	6888 /.notdef
6777 /born	6833 /interrobang	6889 /.notdef
6778 /divorced	6834 /interrobangdown	6890 /.notdef
6779 /died	6835 /dong	6891 % 200
6780 /.notdef	6836 /trademark	6892 /.notdef
6781 /.notdef	6837 % 152	6893 /.notdef
6782 /.notdef	6838 /pertenthousand	6894 /.notdef
6783 % 104	6839 /pilcrow	6895 /.notdef
6784 /.notdef	6840 /baht	6896 /.notdef
6785 /.notdef	6841 /numero	6897 /.notdef
6786 /.notdef	6842 /discount	6898 /.notdef
6787 /.notdef	6843 /estimated	6899 /.notdef
6788 /leaf	6844 /openbullet	6900 % 208
6789 /married	6845 /servicemark	6901 /.notdef
6790 /musicalnote	6846 % 160	6902 /.notdef
6791 /.notdef	6847 /quillbracketleft	6903 /.notdef
6792 % 112	6848 /quillbracketright	6904 /.notdef
6793 /.notdef	6849 /cent	6905 /.notdef
6794 /.notdef	6850 /sterling	6906 /.notdef
6795 /.notdef	6851 /currency	6907 /multiply
6796 /.notdef	6852 /yen	6908 /.notdef
6797 /.notdef	6853 /brokenbar	6909 % 216
6798 /.notdef	6854 /section	6910 /.notdef

6911 /.notdef	6927 % 232	6943 /divide
6912 /.notdef	6928 /.notdef	6944 /.notdef
6913 /.notdef	6929 /.notdef	6945 % 248
6914 /.notdef	6930 /.notdef	6946 /.notdef
6915 /.notdef	6931 /.notdef	6947 /.notdef
6916 /.notdef	6932 /.notdef	6948 /.notdef
6917 /.notdef	6933 /.notdef	6949 /.notdef
6918 % 224	6934 /.notdef	6950 /.notdef
6919 /.notdef	6935 /.notdef	6951 /.notdef
6920 /.notdef	6936 % 240	6952 /.notdef
6921 /.notdef	6937 /.notdef	6953 /.notdef
6922 /.notdef	6938 /.notdef	6954] def
6923 /.notdef	6939 /.notdef	6955 %%EndResource
6924 /.notdef	6940 /.notdef	6956 %
6925 /.notdef	6941 /.notdef	6957 % End of file
6926 /.notdef	6942 /.notdef	ts1-ybd2.enc.

B.2.21 ts1-ybd2j.enc

ts1-ybd2j.enc (*script*) Font encoding ts1-ybd2j.

6958 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

6959 /ts1-ybd2j [6991 /tieaccentcapital	7023 % 56
6960 % 0	6992 /newtieaccentlowercase	7024 /eight.oldstyle
6961 /capitalgrave	6993 /newtieaccentcapital	7025 /nine.oldstyle
6962 /capitalacute	6994 /.notdef	7026 /.notdef
6963 /capitalcircumflex	6995 /ascendercompwordmark	7027 /.notdef
6964 /capitaltilde	6996 % 32	7028 /angbracketleft
6965 /capitaldieresis	6997 /blank	7029 /minus
6966 /capitalhungarumlaut	6998 /.notdef	7030 /angbracketright
6967 /capitalring	6999 /.notdef	7031 /.notdef
6968 /capitalcaron	7000 /.notdef	7032 % 64
6969 % 8	7001 /dollar.oldstyle	7033 /.notdef
6970 /capitalbreve	7002 /.notdef	7034 /.notdef
6971 /capitalmacron	7003 /.notdef	7035 /.notdef
6972 /capitaldotaccent	7004 /quotesingle	7036 /.notdef
6973 /cedilla	7005 % 40	7037 /.notdef
6974 /ogonek	7006 /.notdef	7038 /.notdef
6975 /quotesinglbase	7007 /.notdef	7039 /.notdef
6976 /.notdef	7008 /asteriskcentered	7040 /.notdef
6977 /.notdef	7009 /.notdef	7041 % 72
6978 % 16	7010 /comma	7042 /.notdef
6979 /.notdef	7011 /hyphendbl	7043 /.notdef
6980 /.notdef	7012 /period	7044 /.notdef
6981 /quotedblbase	7013 /fraction	7045 /.notdef
6982 /.notdef	7014 % 48	7046 /.notdef
6983 /.notdef	7015 /zero.oldstyle	7047 /Omegainv
6984 /twelveudash	7016 /one.oldstyle	7048 /.notdef
6985 /threequartersemdash	7017 /two.oldstyle	7049 /bigcircle
6986 /capitalcompwordmark	7018 /three.oldstyle	7050 % 80
6987 % 24	7019 /four.oldstyle	7051 /.notdef
6988 /arrowleft	7020 /five.oldstyle	7052 /.notdef
6989 /arrowright	7021 /six.oldstyle	7053 /.notdef
6990 /tieaccentlowercase	7022 /seven.oldstyle	7054 /.notdef

7055 /.notdef	7111 /bardbl	7167 % 184
7056 /.notdef	7112 /perthousand.oldstyle	7168 /referencemark
7057 /.notdef	7113 % 136	7169 /one.superior
7058 /Omega	7114 /bullet	7170 /ordmasculine
7059 % 88	7115 /centigrade	7171 /radical
7060 /.notdef	7116 /dollar.oldstyle	7172 /onequarter
7061 /.notdef	7117 /cent.oldstyle	7173 /onehalf
7062 /.notdef	7118 /florin	7174 /threequarters
7063 /openbracketleft	7119 /colonmonetary	7175 /Euro.oldstyle
7064 /.notdef	7120 /won	7176 % 192
7065 /openbracketright	7121 /naira	7177 /Euro.oldstyle
7066 /arrowup	7122 % 144	7178 /euro.oldstyle
7067 /arrowdown	7123 /guarani	7179 /.notdef
7068 % 96	7124 /peso	7180 /.notdef
7069 /asciigrave	7125 /lira	7181 /.notdef
7070 /.notdef	7126 /recipe	7182 /.notdef
7071 /born	7127 /interrobang	7183 /.notdef
7072 /divorced	7128 /interrobangdown	7184 /.notdef
7073 /died	7129 /dong	7185 % 200
7074 /.notdef	7130 /trademark	7186 /.notdef
7075 /.notdef	7131 % 152	7187 /.notdef
7076 /.notdef	7132 /pertenthousand	7188 /.notdef
7077 % 104	7133 /pilcrow	7189 /.notdef
7078 /.notdef	7134 /baht	7190 /.notdef
7079 /.notdef	7135 /numero	7191 /.notdef
7080 /.notdef	7136 /discount	7192 /.notdef
7081 /.notdef	7137 /estimated	7193 /.notdef
7082 /leaf	7138 /openbullet	7194 % 208
7083 /married	7139 /servicemark	7195 /.notdef
7084 /musicalnote	7140 % 160	7196 /.notdef
7085 /.notdef	7141 /quillbracketleft	7197 /.notdef
7086 % 112	7142 /quillbracketright	7198 /.notdef
7087 /.notdef	7143 /cent.oldstyle	7199 /.notdef
7088 /.notdef	7144 /sterling.oldstyle	7200 /.notdef
7089 /.notdef	7145 /currency	7201 /multiply
7090 /.notdef	7146 /yen.oldstyle	7202 /.notdef
7091 /.notdef	7147 /brokenbar	7203 % 216
7092 /.notdef	7148 /section	7204 /.notdef
7093 /.notdef	7149 % 168	7205 /.notdef
7094 /.notdef	7150 /asciidieresis	7206 /.notdef
7095 % 120	7151 /copyright	7207 /.notdef
7096 /.notdef	7152 /ordfeminine	7208 /.notdef
7097 /.notdef	7153 /copyleft	7209 /.notdef
7098 /.notdef	7154 /logicalnot	7210 /.notdef
7099 /.notdef	7155 /circledP	7211 /.notdef
7100 /.notdef	7156 /registered	7212 % 224
7101 /.notdef	7157 /asciimacron	7213 /.notdef
7102 /tildelow	7158 % 176	7214 /.notdef
7103 /hyphendblchar	7159 /degree	7215 /.notdef
7104 % 128	7160 /plusminus	7216 /.notdef
7105 /asciibreve	7161 /two.superior	7217 /.notdef
7106 /asciicaron	7162 /three.superior	7218 /.notdef
7107 /asciicutedbl	7163 /asciiacute	7219 /.notdef
7108 /asciigravedbl	7164 /mu	7220 /.notdef
7109 /dagger	7165 /paragraph	7221 % 232
7110 /daggerdbl	7166 /periodcentered	7222 /.notdef

```

7223 /.notdef
7224 /.notdef
7225 /.notdef
7226 /.notdef
7227 /.notdef
7228 /.notdef
7229 /.notdef
7230 % 240
7231 /.notdef
7232 /.notdef
7233 /.notdef
7234 /.notdef
7235 /.notdef
7236 /.notdef
7237 /divide
7238 /.notdef
7239 % 248
7240 /.notdef
7241 /.notdef
7242 /.notdef
7243 /.notdef
7244 /.notdef
7245 /.notdef
7246 /.notdef
7247 /.notdef
7248 ] def
7249 %%EndResource
7250 %
7251 % End of file
ts1-ybd2j.enc.

```

B.2.22 ts1-ybdj.enc

ts1-ybdj.enc (*script*) Font encoding ts1-ybdj.

```

7252 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

7253 /ts1-ybdj [
7254 % 0
7255 /capitalgrave
7256 /capitalacute
7257 /capitalcircumflex
7258 /capitaltilde
7259 /capitaldieresis
7260 /capitalhungarumlaut
7261 /capitalring
7262 /capitalcaron
7263 % 8
7264 /capitalbreve
7265 /capitalmacron
7266 /capitaldotaccent
7267 /cedilla
7268 /ogonek
7269 /quotesinglbase
7270 /.notdef
7271 /.notdef
7272 % 16
7273 /.notdef
7274 /.notdef
7275 /quotedblbase
7276 /.notdef
7277 /.notdef
7278 /twelveudash
7279 /threequartersemdash
7280 /capitalcompwordmark
7281 % 24
7282 /arrowleft
7283 /arrowright
7284 /tieaccentlowercase
7285 /tieaccentcapital
7286 /newtieaccentlowercase
7287 /newtieaccentcapital
7288 /.notdef
7289 /ascendercompwordmark
7290 % 32
7291 /blank
7292 /.notdef
7293 /.notdef
7294 /.notdef
7295 /dollar.taboldstyle
7296 /.notdef
7297 /.notdef
7298 /quotesingle
7299 % 40
7300 /.notdef
7301 /.notdef
7302 /asteriskcentered
7303 /.notdef
7304 /comma
7305 /hyphendbl
7306 /period
7307 /fraction
7308 % 48
7309 /zero.taboldstyle
7310 /one.taboldstyle
7311 /two.taboldstyle
7312 /three.taboldstyle
7313 /four.taboldstyle
7314 /five.taboldstyle
7315 /six.taboldstyle
7316 /seven.taboldstyle
7317 % 56
7318 /eight.taboldstyle
7319 /nine.taboldstyle
7320 /.notdef
7321 /.notdef
7322 /angbracketleft
7323 /minus
7324 /angbracketright
7325 /.notdef
7326 % 64
7327 /.notdef
7328 /.notdef

```


7329 / .notdef	7385 / .notdef
7330 / .notdef	7386 / .notdef
7331 / .notdef	7387 / .notdef
7332 / .notdef	7388 / .notdef
7333 / .notdef	7389 % 120
7334 / .notdef	7390 / .notdef
7335 % 72	7391 / .notdef
7336 / .notdef	7392 / .notdef
7337 / .notdef	7393 / .notdef
7338 / .notdef	7394 / .notdef
7339 / .notdef	7395 / .notdef
7340 / .notdef	7396 / tildelow
7341 / Omegainv	7397 / hyphendblchar
7342 / .notdef	7398 % 128
7343 / bigcircle	7399 / asciibreve
7344 % 80	7400 / asciicaron
7345 / .notdef	7401 / asciiacutedbl
7346 / .notdef	7402 / asciigravedbl
7347 / .notdef	7403 / dagger
7348 / .notdef	7404 / daggerdbl
7349 / .notdef	7405 / bardbl
7350 / .notdef	7406 / perthousand.taboldstyle
7351 / .notdef	7407 % 136
7352 / Omega	7408 / bullet
7353 % 88	7409 / centigrade
7354 / .notdef	7410 / dollar.taboldstyle
7355 / .notdef	7411 / cent.taboldstyle
7356 / .notdef	7412 / florin
7357 / openbracketleft	7413 / colonmonetary
7358 / .notdef	7414 / won
7359 / openbracketright	7415 / naira
7360 / arrowup	7416 % 144
7361 / arrowdown	7417 / guarani
7362 % 96	7418 / peso
7363 / asciigrave	7419 / lira
7364 / .notdef	7420 / recipe
7365 / born	7421 / interrobang
7366 / divorced	7422 / interrobangdown
7367 / died	7423 / dong
7368 / .notdef	7424 / trademark
7369 / .notdef	7425 % 152
7370 / .notdef	7426 / pertenthousand
7371 % 104	7427 / pilcrow
7372 / .notdef	7428 / baht
7373 / .notdef	7429 / numero
7374 / .notdef	7430 / discount
7375 / .notdef	7431 / estimated
7376 / leaf	7432 / openbullet
7377 / married	7433 / servicemark
7378 / musicalnote	7434 % 160
7379 / .notdef	7435 / quillbracketleft
7380 % 112	7436 / quillbracketright
7381 / .notdef	7437 / cent.taboldstyle
7382 / .notdef	7438 / sterling.taboldstyle
7383 / .notdef	7439 / currency
7384 / .notdef	7440 / yen.taboldstyle

7441 /brokenbar	7494 /.notdef
7442 /section	7495 /multiply
7443 % 168	7496 /.notdef
7444 /asciidieresis	7497 % 216
7445 /copyright	7498 /.notdef
7446 /ordfeminine	7499 /.notdef
7447 /copyleft	7500 /.notdef
7448 /logicalnot	7501 /.notdef
7449 /circledP	7502 /.notdef
7450 /registered	7503 /.notdef
7451 /asciimacron	7504 /.notdef
7452 % 176	7505 /.notdef
7453 /degree	7506 % 224
7454 /plusminus	7507 /.notdef
7455 /two.superior	7508 /.notdef
7456 /three.superior	7509 /.notdef
7457 /asciiacute	7510 /.notdef
7458 /mu	7511 /.notdef
7459 /paragraph	7512 /.notdef
7460 /periodcentered	7513 /.notdef
7461 % 184	7514 /.notdef
7462 /referencemark	7515 % 232
7463 /one.superior	7516 /.notdef
7464 /ordmasculine	7517 /.notdef
7465 /radical	7518 /.notdef
7466 /onequarter	7519 /.notdef
7467 /onehalf	7520 /.notdef
7468 /threequarters	7521 /.notdef
7469 /Euro.taboldstyle	7522 /.notdef
7470 % 192	7523 /.notdef
7471 /Euro.taboldstyle	7524 % 240
7472 /euro.taboldstyle	7525 /.notdef
7473 /.notdef	7526 /.notdef
7474 /.notdef	7527 /.notdef
7475 /.notdef	7528 /.notdef
7476 /.notdef	7529 /.notdef
7477 /.notdef	7530 /.notdef
7478 /.notdef	7531 /divide
7479 % 200	7532 /.notdef
7480 /.notdef	7533 % 248
7481 /.notdef	7534 /.notdef
7482 /.notdef	7535 /.notdef
7483 /.notdef	7536 /.notdef
7484 /.notdef	7537 /.notdef
7485 /.notdef	7538 /.notdef
7486 /.notdef	7539 /.notdef
7487 /.notdef	7540 /.notdef
7488 % 208	7541 /.notdef
7489 /.notdef	7542] def
7490 /.notdef	7543 %%EndResource
7491 /.notdef	7544 %
7492 /.notdef	7545 % End of file ts1-ybdj.enc.
7493 /.notdef	

B.2.23 Converted Encodings (Output)

Originally, this file was used to convert custom fontinst `ETX` files to encodings. The encodings were then copied and modified to provide the various encodings required. Running this script on the `ETX` sources will **not** produce encodings the package uses, but only the starting points for constructing them¹⁵.

```
7546 \input finstmsc.sty
7547 \etxtoenc{dotoldstyle}{dotoldstyle}
7548 \etxtoenc{dottaboldstyle}{dottaboldstyle}
7549 \etxtoenc{t1-cfr}{t1-cfr}
7550 \etxtoenc{t1-dotinferior}{t1-dotinferior}
7551 \etxtoenc{t1-dotsuperior}{t1-dotsuperior}
7552 \bye
```

The remaining files are not needed to use the fonts, but only to generate them.

B.3 Scripts

The scripts in this section are not used to typeset the documentation or recreate the encoding files. The latter are modified by hand for each encoding from a few base encodings, so regenerating them would merely overwrite the customisations. The former can be generated using the `Makefile` and, in earlier versions of the package, that's how we produced the documentation. Now we use `l3build`, we generate the documentation that way, but the relevant targets remain in the `Makefile` in case anybody wants them.

Copying these scripts will NOT result in usable code. For all files, the first and last lines, beginning with `%` must be deleted. Even then, `Makefile.make` will **not** be usable because `TeX` removes essential tab characters. Compile the `.ins` to generate the scripts instead.

B.3.1 Makefile

Requires GNU make.

We use `GNU make` and `FontForge` to generate the fonts and package files¹⁶. Anything `make` can do, you can do — but not necessarily better and certainly not faster. We now use `l3build` to run `make`, which partially defeats the *raison d'être* of both programmes.

David Carlisle says `TeX` demands a dot because Windows can't tell the difference¹⁷. Since a terminal dot looks weird, we add something and have Lua tell `make` to treat the file as a `Makefile`.

¹⁵This is why the generated files are *also* part of the package source code.

¹⁶Apologies to anybody on Windows who's read this far. You deserve better.

¹⁷OK, so this may not be *quite* what he said.

Makefile.make (script) Note that \TeX destroys the spacing essential to GNU make, even in verbatim mode¹⁸. You can **NOT**, therefore, copy this and expect it to work; use the generated file instead.

```

7553 %<<MAKE
7554 SHELL=/bin/sh
7555 PATH=/usr/local/bin:/usr/local/texlive/bin:/usr/bin
7556
7557 pls8yybd = ybdb8y.pl ydbbc8y.pl ydbbc8y.pl ydbbi8y.pl ybdr8y.pl ybdr8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7558 pls8y0 = ybdb08y.pl ybdb0c8y.pl ybdb0ci8y.pl ybdb0i8y.pl ybdr08y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7559 pls8y1 = ybdb18y.pl ybdb1c8y.pl ybdb1ci8y.pl ybdb1i8y.pl ybdr18y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7560 pls8y2 = ybdb28y.pl ybdb2c8y.pl ybdb2ci8y.pl ybdb2i8y.pl ybdr28y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7561 pls8y2j = ybdb2cij8y.pl ybdb2cj8y.pl ybdb2ij8y.pl ybdb2j8y.pl ybdr2cij8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7562 pls8y2jw = ybdb2cijw8y.pl ybdb2cjw8y.pl ybdb2ijw8y.pl ybdb2jw8y.pl ybdr2cijw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7563 pls8y2w = ybdb2ciw8y.pl ybdb2cw8y.pl ybdb2iw8y.pl ybdb2w8y.pl ybdr2ciw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7564 pls8yj = ydbbcij8y.pl ydbbcj8y.pl ydbbij8y.pl ydbbj8y.pl ybdr8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7565 pls8y2w = ydbbcijw8y.pl ydbbcjw8y.pl ydbbijw8y.pl ydbbjw8y.pl ybdr8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7566 pls8yw = ydbbciw8y.pl ydbbcw8y.pl ydbbiw8y.pl ydbbw8y.pl ybdr8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7567 pls8y := $(pls8y0) $(pls8y1) $(pls8y2) $(pls8y2j) $(pls8y2jw) $(pls8y2w)
$(pls8yybd) $(pls8yw) $(pls8yj) $(pls8y2w)
7568 pls8yr = ybdr08y.pl ybdr18y.pl ybdr28y.pl ybdr2j8y.pl ybdr2jw8y.pl ybdr2w8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7569 pls8yri = ybdr0i8y.pl ybdr1i8y.pl ybdr2i8y.pl ybdr2ij8y.pl ybdr2ijw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7570 pls8yrc = ybdr0c8y.pl ybdr1c8y.pl ybdr2c8y.pl ybdr2cj8y.pl ybdr2cjw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7571 pls8yrci = ybdr0ci8y.pl ybdr1ci8y.pl ybdr2ci8y.pl ybdr2cij8y.pl ybdr2cijw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7572 pls8yb = ybdb08y.pl ybdb18y.pl ybdb28y.pl ybdb2j8y.pl ybdb2jw8y.pl ybdb2w8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7573 pls8ybi = ybdb0i8y.pl ybdb1i8y.pl ybdb2i8y.pl ybdb2ij8y.pl ybdb2ijw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7574 pls8ybc = ybdb0c8y.pl ybdb1c8y.pl ybdb2c8y.pl ybdb2cj8y.pl ybdb2cjw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl
7575 pls8ybc8y = ybdb0ci8y.pl ybdb1ci8y.pl ybdb2ci8y.pl ybdb2cij8y.pl ybdb2cijw8y.pl
ybdrc8y.pl ybdrc8y.pl ybdri8y.pl

```

¹⁸But thanks to David Carlisle for telling me to prevent docstrip destroying the actual Makefile.make: [see chat](#); \TeX se: [a/453323/..](#)

7576 pls8tybd = ybdb8t.pl ydbbc8t.pl ydbbci8t.pl ydbbi8t.pl ybdr8t.pl ybdr8t.pl ybdr8t.pl ybdr8t.pl
ybdrci8t.pl ybdri8t.pl
7577 pls8t0 = ybdb08t.pl ybdb0c8t.pl ybdb0ci8t.pl ybdb0i8t.pl ybdr08t.pl
ybdrci8t.pl ybdri8t.pl ybdri8t.pl
7578 pls8t1 = ybdb18t.pl ybdb1c8t.pl ybdb1ci8t.pl ybdb1i8t.pl ybdr18t.pl
ybdrci8t.pl ybdri8t.pl ybdri8t.pl
7579 pls8t2 = ybdb28t.pl ybdb2c8t.pl ybdb2ci8t.pl ybdb2i8t.pl ybdr28t.pl
ybdrci8t.pl ybdri8t.pl ybdri8t.pl
7580 pls8t2j = ybdb2cij8t.pl ybdb2cj8t.pl ybdb2ij8t.pl ybdb2j8t.pl ybdr2cij8t.pl
ybdrci8t.pl ybdri8t.pl ybdri8t.pl
7581 pls8tj = ydbbcij8t.pl ydbbcj8t.pl ydbbij8t.pl ydbbj8t.pl ybdr2cij8t.pl
ybdrci8t.pl ybdri8t.pl ybdri8t.pl
7582 pls8t := \$(pls8t0) \$(pls8t1) \$(pls8t2) \$(pls8t2j) \$(pls8tybd) \$(pls8tj)
7583 pls8tr = ybdr08t.pl ybdr18t.pl ybdr28t.pl ybdr2j8t.pl ybdr8t.pl ybdrj8t.pl
7584 pls8tri = ybdr0i8t.pl ybdr1i8t.pl ybdr2i8t.pl ybdr2ij8t.pl ybdri8t.pl
ybdri8t.pl
7585 pls8trc = ybdr0c8t.pl ybdr1c8t.pl ybdr2c8t.pl ybdr2cj8t.pl ybdr8t.pl
ybdrci8t.pl ybdri8t.pl
7586 pls8trci = ybdr0ci8t.pl ybdr1ci8t.pl ybdr2ci8t.pl ybdr2cij8t.pl ybdr8t.pl
ybdrci8t.pl ybdri8t.pl
7587 pls8tb = ybdb08t.pl ybdb18t.pl ybdb28t.pl ybdb2j8t.pl ybdb8t.pl ydbbj8t.pl
7588 pls8tbi = ybdb0i8t.pl ybdb1i8t.pl ybdb2i8t.pl ybdb2ij8t.pl ydbbi8t.pl
ydbbij8t.pl
7589 pls8tbc = ybdb0c8t.pl ybdb1c8t.pl ybdb2c8t.pl ybdb2cj8t.pl ydbbc8t.pl
ydbbcj8t.pl
7590 pls8tbci = ybdb0ci8t.pl ybdb1ci8t.pl ybdb2ci8t.pl ybdb2cij8t.pl ydbbc8t.pl
ydbbcj8t.pl
7591 pls8tybd = ybdb8c.pl ydbbc8c.pl ydbbci8c.pl ydbbi8c.pl ybdr8c.pl ybdr8c.pl ybdr8c.pl
ybdrci8c.pl ybdri8c.pl
7592 pls8c0 = ybdb08c.pl ybdb0c8c.pl ybdb0ci8c.pl ybdb0i8c.pl ybdr08c.pl
ybdrci8c.pl ybdri8c.pl ybdri8c.pl
7593 pls8c1 = ybdb18c.pl ybdb1c8c.pl ybdb1ci8c.pl ybdb1i8c.pl ybdr18c.pl
ybdrci8c.pl ybdri8c.pl ybdri8c.pl
7594 pls8c2 = ybdb28c.pl ybdb2c8c.pl ybdb2ci8c.pl ybdb2i8c.pl ybdr28c.pl
ybdrci8c.pl ybdri8c.pl ybdri8c.pl
7595 pls8c2j = ybdb2cij8c.pl ybdb2cj8c.pl ybdb2ij8c.pl ybdb2j8c.pl ybdr2cij8c.pl
ybdrci8c.pl ybdri8c.pl ybdri8c.pl
7596 pls8cj = ydbbcij8c.pl ydbbcj8c.pl ydbbij8c.pl ydbbj8c.pl ybdr2cij8c.pl
ybdrci8c.pl ybdri8c.pl ybdri8c.pl
7597 pls8c := \$(pls8c0) \$(pls8c1) \$(pls8c2) \$(pls8c2j) \$(pls8tybd) \$(pls8cj)
7598 pls8cr = ybdr08c.pl ybdr18c.pl ybdr28c.pl ybdr2j8c.pl ybdr8c.pl ybdrj8c.pl
7599 pls8cri = ybdr0i8c.pl ybdr1i8c.pl ybdr2i8c.pl ybdr2ij8c.pl ybdri8c.pl
ybdri8c.pl
7600 pls8crc = ybdr0c8c.pl ybdr1c8c.pl ybdr2c8c.pl ybdr2cj8c.pl ybdr8c.pl
ybdrci8c.pl ybdri8c.pl
7601 pls8rcrci = ybdr0ci8c.pl ybdr1ci8c.pl ybdr2ci8c.pl ybdr2cij8c.pl ybdr8c.pl
ybdrci8c.pl ybdri8c.pl
7602 pls8cb = ybdb08c.pl ybdb18c.pl ybdb28c.pl ybdb2j8c.pl ybdb8c.pl ydbbj8c.pl
7603 pls8cbi = ybdb0i8c.pl ybdb1i8c.pl ybdb2i8c.pl ybdb2ij8c.pl ydbbi8c.pl

```

ydbbij8c.pl
7604 pls8cbc = ybdb0c8c.pl ybdb1c8c.pl ybdb2c8c.pl ybdb2cj8c.pl ydbbc8c.pl
ydbbcj8c.pl
7605 pls8cbci = ybdb0ci8c.pl ybdb1ci8c.pl ybdb2ci8c.pl ybdb2cij8c.pl ydbbci8c.pl
ydbbcij8c.pl
7606 pls := $(pls8y) $(pls8t) $(pls8c)
7607 maps8yybd = ybdb8y.map ydbbc8y.map ydbbci8y.map ydbbi8y.map ybdr8y.map
ybdrc8y.map ybdrci8y.map ybdri8y.map
7608 maps8y0 = ybdb08y.map ybdb0c8y.map ybdb0ci8y.map ybdb0i8y.map ybdr08y.map
ybdrc8y.map ybdr0ci8y.map ybdr0i8y.map
7609 maps8y1 = ybdb18y.map ybdb1c8y.map ybdb1ci8y.map ybdb1i8y.map ybdr18y.map
ybdrc8y.map ybdrci8y.map ybdri8y.map
7610 maps8y2 = ybdb28y.map ybdb2c8y.map ybdb2ci8y.map ybdb2i8y.map ybdr28y.map
ybdrc8y.map ybdrci8y.map ybdr2i8y.map
7611 maps8y2j = ybdb2cij8y.map ybdb2cj8y.map ybdb2ij8y.map ybdb2j8y.map ybdr2cij8y.map
ybdrc2j8y.map ybdr2ij8y.map ybdr2j8y.map
7612 maps8y2jw = ybdb2cijw8y.map ybdb2cjw8y.map ybdb2ijw8y.map ybdb2jw8y.map
ybdrc2ijw8y.map ybdrc2jw8y.map ybdr2ijw8y.map ybdr2jw8y.map
7613 maps8y2w = ybdb2ciw8y.map ybdb2cw8y.map ybdb2iw8y.map ybdb2w8y.map ybdr2ciw8y.map
ybdrc2w8y.map ybdr2iw8y.map ybdr2w8y.map
7614 maps8yj = ydbbcij8y.map ydbbcj8y.map ydbbij8y.map ydbbj8y.map ybdrcij8y.map
ybdrcj8y.map ybdrij8y.map ybdrj8y.map
7615 maps8yjwt = ydbbcijw8y.map ydbbcjw8y.map ydbbijw8y.map ydbbjw8y.map ybdrcijw8y.map
ybdrcjw8y.map ybdrijw8y.map ybdrjw8y.map
7616 maps8yw = ydbbciw8y.map ydbbcw8y.map ydbbiw8y.map ydbbw8y.map ybdrciw8y.map
ybdrcw8y.map ybdriw8y.map ybdrw8y.map
7617 maps8y := $(maps8y0) $(maps8y1) $(maps8y2) $(maps8y2j) $(maps8y2jw)
$(maps8y2w) $(maps8yybd) $(maps8yw) $(maps8yj) $(maps8yjwt)
7618 maps8tybd = ybdb8t.map ydbbc8t.map ydbbci8t.map ydbbi8t.map ybdr8t.map
ybdrc8t.map ybdrci8t.map ybdri8t.map
7619 maps8t0 = ybdb08t.map ybdb0c8t.map ybdb0ci8t.map ybdb0i8t.map ybdr08t.map
ybdrc8t.map ybdr0ci8t.map ybdr0i8t.map
7620 maps8t1 = ybdb18t.map ybdb1c8t.map ybdb1ci8t.map ybdb1i8t.map ybdr18t.map
ybdrc8t.map ybdrci8t.map ybdri8t.map
7621 maps8t2 = ybdb28t.map ybdb2c8t.map ybdb2ci8t.map ybdb2i8t.map ybdr28t.map
ybdrc8t.map ybdrci8t.map ybdr2i8t.map
7622 maps8t2j = ybdb2cij8t.map ybdb2cj8t.map ybdb2ij8t.map ybdb2j8t.map ybdr2cij8t.map
ybdrc2j8t.map ybdr2ij8t.map ybdr2j8t.map
7623 maps8tj = ydbbcij8t.map ydbbcj8t.map ydbbij8t.map ydbbj8t.map ybdrcij8t.map
ybdrcj8t.map ybdrij8t.map ybdrj8t.map
7624 maps8t := $(maps8t0) $(maps8t1) $(maps8t2) $(maps8t2j) $(maps8t2jw)
$(maps8t2w) $(maps8tybd) $(maps8tw) $(maps8tj) $(maps8tjw)
7625 maps8cybd = ybdb8c.map ydbbc8c.map ydbbci8c.map ydbbi8c.map ybdr8c.map
ybdrc8c.map ybdrci8c.map ybdri8c.map
7626 maps8c0 = ybdb08c.map ybdb0c8c.map ybdb0ci8c.map ybdb0i8c.map ybdr08c.map
ybdrc8c.map ybdr0ci8c.map ybdr0i8c.map
7627 maps8c1 = ybdb18c.map ybdb1c8c.map ybdb1ci8c.map ybdb1i8c.map ybdr18c.map
ybdrc8c.map ybdrci8c.map ybdri8c.map
7628 maps8c2 = ybdb28c.map ybdb2c8c.map ybdb2ci8c.map ybdb2i8c.map ybdr28c.map

```

```

ybdr2c8c.map ybdr2ci8c.map ybdr2i8c.map
7629 maps8c2j = ybdb2cij8c.map ybdb2cj8c.map ybdb2ij8c.map ybdb2j8c.map ybdr2cij8c.map
ybdr2cj8c.map ybdr2ij8c.map ybdr2j8c.map
7630 maps8cj = ydbbcij8c.map ydbbcj8c.map ydbbij8c.map ydbbj8c.map ybdrcij8c.map
ybdrcej8c.map ybdrij8c.map ybdrj8c.map
7631 maps8c := $(maps8c0) $(maps8c1) $(maps8c2) $(maps8c2j) $(maps8c2jw)
$(maps8c2w) $(maps8cybd) $(maps8cw) $(maps8cj) $(maps8cjw)
7632 maps := $(maps8y) $(maps8t) $(maps8c)
7633 tfms = ybdb08y.tfm ybdb0c8y.tfm ybdb0ci8y.tfm ybdb0i8y.tfm ybdb18y.tfm
ybdb1c8y.tfm ybdb1ci8y.tfm ybdb1i8y.tfm ybdb28y.tfm ybdb2c8y.tfm ybdb2ci8y.tfm
ybdb2cij8y.tfm ybdb2cijw8y.tfm ybdb2ciw8y.tfm ybdb2cj8y.tfm ybdb2cjw8y.tfm
ybdb2cw8y.tfm ybdb2i8y.tfm ybdb2ij8y.tfm ybdb2ijw8y.tfm ybdb2iw8y.tfm
ybdb2j8y.tfm ybdb2jw8y.tfm ybdb2w8y.tfm ybdb8y.tfm ydbbc8y.tfm ydbbcij8y.tfm
ydbbcijw8y.tfm ydbbcijw8y.tfm ydbbciw8y.tfm ydbbcj8y.tfm ydbbcjw8y.tfm
ydbbcw8y.tfm ydbbi8y.tfm ydbbij8y.tfm ydbbijw8y.tfm ydbbiw8y.tfm ydbbj8y.tfm
ydbbjw8y.tfm ydbbw8y.tfm ybdr08y.tfm ybdr0c8y.tfm ybdr0ci8y.tfm ybdr0i8y.tfm
ybdr18y.tfm ybdr1c8y.tfm ybdr1ci8y.tfm ybdr1i8y.tfm ybdr28y.tfm ybdr2c8y.tfm
ybdr2ci8y.tfm ybdr2cij8y.tfm ybdr2cijw8y.tfm ybdr2ciw8y.tfm ybdr2cj8y.tfm
ybdr2cjw8y.tfm ybdr2cw8y.tfm ybdr2i8y.tfm ybdr2ij8y.tfm ybdr2ijw8y.tfm
ybdr2iw8y.tfm ybdr2j8y.tfm ybdr2jw8y.tfm ybdr2w8y.tfm ybdr8y.tfm ybdrcej8y.tfm
ybdrcejw8y.tfm ybdrcejw8y.tfm ybdri8y.tfm ybdrij8y.tfm ybdrijw8y.tfm ybdriw8y.tfm
ybdri8y.tfm ybdriw8y.tfm ybdrw8y.tfm ybdb08t.tfm ybdb0c8t.tfm ybdb0ci8t.tfm
ybdb0i8t.tfm ybdb18t.tfm ybdb1c8t.tfm ybdb1ci8t.tfm ybdb1i8t.tfm ybdb28t.tfm
ybdb2c8t.tfm ybdb2ci8t.tfm ybdb2cij8t.tfm ybdb2cj8t.tfm ybdb2i8t.tfm
ybdb2ij8t.tfm ybdb2j8t.tfm ybdb8t.tfm ydbbc8t.tfm ydbbcij8t.tfm ydbbcij8t.tfm
ydbbcj8t.tfm ydbbi8t.tfm ydbbij8t.tfm ydbbj8t.tfm ybdr08t.tfm ybdr0c8t.tfm
ybdr0ci8t.tfm ybdr0i8t.tfm ybdr18t.tfm ybdr1c8t.tfm ybdr1ci8t.tfm ybdr1i8t.tfm
ybdr28t.tfm ybdr2c8t.tfm ybdr2ci8t.tfm ybdr2cij8t.tfm ybdr2cj8t.tfm
ybdr2i8t.tfm ybdr2ij8t.tfm ybdr2j8t.tfm ybdr8t.tfm ybdrcej8t.tfm ybdrcej8t.tfm
ybdri8t.tfm ybdrij8t.tfm ybdrij8t.tfm ybdri8t.tfm ybdri8t.tfm ybdrj8t.tfm ybdb08c.tfm
ybdb0c8c.tfm ybdb0ci8c.tfm ybdb0i8c.tfm ybdb18c.tfm ybdb1c8c.tfm ybdb1ci8c.tfm
ybdb1i8c.tfm ybdb28c.tfm ybdb2c8c.tfm ybdb2ci8c.tfm ybdb2cij8c.tfm
ybdb2cj8c.tfm ybdb2i8c.tfm ybdb2ij8c.tfm ybdb2j8c.tfm ybdb8c.tfm
ydbbc8c.tfm ydbbcij8c.tfm ydbbcij8c.tfm ydbbcj8c.tfm ydbbi8c.tfm ydbbij8c.tfm
ydbbj8c.tfm ybdr08c.tfm ybdr0c8c.tfm ybdr0ci8c.tfm ybdr0i8c.tfm ybdr18c.tfm
ybdr1c8c.tfm ybdr1ci8c.tfm ybdr1i8c.tfm ybdr28c.tfm ybdr2c8c.tfm ybdr2ci8c.tfm
ybdr2cij8c.tfm ybdr2cj8c.tfm ybdr2i8c.tfm ybdr2ij8c.tfm ybdr2j8c.tfm
ybdr8c.tfm ybdrcej8c.tfm ybdrcej8c.tfm ybdrcej8c.tfm ybdrcej8c.tfm ybdrcej8c.tfm
ybdri8c.tfm
ybdrij8c.tfm ybdrj8c.tfm
7634 pfb = ybdb.pfb ydbbc.pfb ydbbcij.pfb ydbbi.pfb ybdr.pfb ybdrcej.pfb ybdrcej.pfb
ybdri.pfb
7635 afms = ybdb.afm ydbbc.afm ydbbcij.afm ydbbi.afm ybdr.afm ybdrcej.afm ybdrcej.afm
ybdri.afm
7636 encs = texnansi-ybd.enc texnansi-ybd0.enc texnansi-ybd1.enc texnansi-ybd2.enc
texnansi-ybd2j.enc texnansi-ybdj.enc texnansx-ybd2jw.enc texnansx-ybd2w.enc
texnansx-ybdjw.enc texnansx-ybdw.enc t1-ybd.enc t1-ybd0.enc t1-ybd1.enc
t1-ybd2.enc t1-ybd2j.enc t1-ybdj.enc ts1-ybd.enc ts1-ybd0.enc ts1-ybd1.enc
ts1-ybd2.enc ts1-ybd2j.enc ts1-ybdj.enc

```

```

7637 otfs = BerenisADFFPro-Bold.otf BerenisADFFPro-BoldItalic.otf BerenisADFFPro-Italic.otf
      BerenisADFFPro-Regular.otf BerenisADFFProSC-Bold.otf BerenisADFFProSC-BoldItalic.otf
      BerenisADFFProSC-Italic.otf BerenisADFFProSC-Regular.otf
7638 fds = ly1ybd.fd ly1ybd0.fd ly1ybd1.fd ly1ybd2.fd ly1ybd2j.fd ly1ybd2jw.fd
      ly1ybd2w.fd ly1ybdj.fd ly1ybdjw.fd ly1ybdw.fd t1ybd.fd t1ybd0.fd t1ybd1.fd
      t1ybd2.fd t1ybd2j.fd t1ybdj.fd ts1ybd.fd ts1ybd0.fd ts1ybd1.fd ts1ybd2.fd
      ts1ybd2j.fd ts1ybdj.fd
7639
7640 srcdir = .
7641 enw = berenisadf
7642 version = 1.004
7643 release = 6
7644
7645 temp := $(pls) $(maps)
7646 lpplder := $(tfms) ybd.map berenisadf.pdf
7647 gpplder := $(pfbs) $(afms) COPYING.unix
7648 derived := $(temp) $(lpplder) $(gpplder)
7649 lpplnonder := $(encs) ybd.nam ff-ybd.pe ybd-8y.lig ybd-8t.lig $(fds)
      berenis.sty berenisadf.tex README Makefile cfr.gwneud.cyhoeddus
7650 gpplnonder := $(otfs) COPYING NOTICE.txt
7651 nonderived := $(lpplnonder) $(gpplder)
7652 gpl := $(gpplder) $(gpplnonder)
7653 lppl := $(lpplder) $(lpplnonder)
7654
7655 all : $(tfms) $(pfbs) ybd.map
7656
7657 doc : berenisadf.pdf COPYING COPYING.unix NOTICE.txt README manifest.txt
7658
7659 ctanlists : der nonder adf
7660
7661 ctandirs : ctanlists cfr.gwneud.cyhoeddus
7662 ./cfr.gwneud.cyhoeddus -a ./adf -d ./der -n ./nonder -f berenisadf
      -m berenisadf -t afm2pl -v arkandis
7663
7664 ctanarc : ctandirs
7665 mkdir $(enw)
7666 mv doc fonts source tex README $(enw)/
7667 chmod 755 $(enw)
7668 tar -czf $(enw)-$(version)-$(release).tar.gz $(enw)
7669
7670 clean :
7671 -rm $(derived) der nonder adf
7672
7673 tidy :
7674 -rm $(temp)
7675
7676 tidier :
7677 -rm $(temp) der nonder adf
7678

```



```

7679 tidytex :
7680 latexmk -c
7681 -rm *.log *.aux *~.tex *.synctex.gz *.toc *.out
7682
7683 .PHONY : ctanlists ctandirs ctanarc clean doc tidy tidier tidytex all
7684 # use intermediate if temporary files should be deleted by make
7685 #.INTERMEDIATE : $(maps)
7686 # use secondary if they should be kept
7687 .SECONDARY : $(maps) $(pls)
7688
7689 der : Makefile $(lpllder)
7690 ls $(lpllder) > der
7691 nonder : $(lplnonder)
7692 ls $(lplnonder) > nonder
7693 adf : Makefile $(gpl)
7694 ls $(gpl) > adf
7695 manifest.txt : ctandirs
7696
7697 berenisadf.pdf : berenisadf.tex berenis.sty $(tfms) $(pfbs) ybd.map
7698 latexmk -pdf -pv- -pvc- berenisadf.tex
7699
7700 $(afms) : %.afm : %.pfb
7701 $(pfbs) : ff-ybd.pe ybd.nam $(otfs)
7702 @printf %b "Generating type 1 from $(subst .pfb,.otf,$(subst ybd,BerenisADFPro,$(subst
-r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst
ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@)))))))))\n"
7703 $(srcdir)/ff-ybd.pe $(subst .pfb,.otf,$(subst ybd,BerenisADFPro,$(subst
-r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst
ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@)))))))))
7704 @printf %b "Moving $(subst .pfb,.afm,$(subst ybd,BerenisADFPro,$(subst
-r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst
ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@)))))))))
to $(subst .pfb,.afm,$@)\n"
7705 mv $(subst .pfb,.afm,$(subst ybd,BerenisADFPro,$(subst -r,-Regular,$(subst
-b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst
bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@))))))))) $(subst .pfb,.afm,$@)
7706 @printf %b "Moving $(subst ybd,BerenisADFPro,$(subst -r,-Regular,$(subst
-b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst
bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@))))))))) to $@\n"
7707 mv $(subst ybd,BerenisADFPro,$(subst -r,-Regular,$(subst -b,-Bold,$(subst
-rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst bc,SC-b,$(subst
rc,SC-r,$(subst i,Italic,$@))))))))) $@
7708
7709 $(maps) : %.map : %.pl
7710 $(pls8yybd) : %8y.pl : %.afm ybd-8y.lig texnansi-ybd.enc
7711 @echo $< \=> $@
7712 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd.enc $< $@
7713 $(pls8y0) : ybd-8y.lig texnansi-ybd0.enc
7714 @echo $(subst 8y.pl,.afm,$(subst 0,, $@)) \=> $@

```

```

7715 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd0.enc $(subst 8y.pl,.afm,$(subst
    0,,,$@)) $@
7716 $(pls8y1) : ybd-8y.lig texnansi-ybd1.enc
7717 @echo $(subst 8y.pl,.afm,$(subst 1,,,$@)) \=\> $@
7718 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd1.enc $(subst 8y.pl,.afm,$(subst
    1,,,$@)) $@
7719 $(pls8y2) : ybd-8y.lig texnansi-ybd2.enc
7720 @echo $(subst 8y.pl,.afm,$(subst 2,,,$@)) \=\> $@
7721 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd2.enc $(subst 8y.pl,.afm,$(subst
    2,,,$@)) $@
7722 $(pls8y2j) : ybd-8y.lig texnansi-ybd2j.enc
7723 @echo $(subst 8y.pl,.afm,$(subst j,,,$(subst 2,,,$@))) \=\> $@
7724 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd2j.enc $(subst 8y.pl,.afm,$(subst
    j,,,$(subst 2,,,$@))) $@
7725 $(pls8y2jw) : ybd-8y.lig texnansx-ybd2jw.enc
7726 @echo $(subst 8y.pl,.afm,$(subst j,,,$(subst w,,,$(subst 2,,,$@)))) \=\>
    $@
7727 -afm2pl -l ybd-8y.lig -n -p texnansx-ybd2jw.enc $(subst 8y.pl,.afm,$(subst
    j,,,$(subst w,,,$(subst 2,,,$@)))) $@
7728 $(pls8y2w) : ybd-8y.lig texnansx-ybd2w.enc
7729 @echo $(subst 8y.pl,.afm,$(subst w,,,$(subst 2,,,$@))) \=\> $@
7730 -afm2pl -l ybd-8y.lig -n -p texnansx-ybd2w.enc $(subst 8y.pl,.afm,$(subst
    w,,,$(subst 2,,,$@))) $@
7731 $(pls8yj) : %j8y.pl : %.afm ybd-8y.lig texnansi-ybdj.enc
7732 @echo $< \=\> $@
7733 -afm2pl -l ybd-8y.lig -n -p texnansi-ybdj.enc $< $@
7734 $(pls8yjw) : %jw8y.pl : %.afm ybd-8y.lig texnansx-ybdjw.enc
7735 @echo $< \=\> $@
7736 -afm2pl -l ybd-8y.lig -n -p texnansx-ybdjw.enc $< $@
7737 $(pls8yw) : %w8y.pl : %.afm ybd-8y.lig texnansx-ybdw.enc
7738 @echo $< \=\> $@
7739 -afm2pl -l ybd-8y.lig -n -p texnansx-ybdw.enc $< $@
7740 $(pls8tybd) : %8t.pl : %.afm ybd-8t.lig t1-ybd.enc
7741 @echo $< \=\> $@
7742 -afm2pl -l ybd-8t.lig -n -p t1-ybd.enc $< $@
7743 $(pls8t0) : ybd-8t.lig t1-ybd0.enc
7744 @echo $(subst 8t.pl,.afm,$(subst 0,,,$@)) \=\> $@
7745 -afm2pl -l ybd-8t.lig -n -p t1-ybd0.enc $(subst 8t.pl,.afm,$(subst
    0,,,$@)) $@
7746 $(pls8t1) : ybd-8t.lig t1-ybd1.enc
7747 @echo $(subst 8t.pl,.afm,$(subst 1,,,$@)) \=\> $@
7748 -afm2pl -l ybd-8t.lig -n -p t1-ybd1.enc $(subst 8t.pl,.afm,$(subst
    1,,,$@)) $@
7749 $(pls8t2) : ybd-8t.lig t1-ybd2.enc
7750 @echo $(subst 8t.pl,.afm,$(subst 2,,,$@)) \=\> $@
7751 -afm2pl -l ybd-8t.lig -n -p t1-ybd2.enc $(subst 8t.pl,.afm,$(subst
    2,,,$@)) $@
7752 $(pls8t2j) : ybd-8t.lig t1-ybd2j.enc
7753 @echo $(subst 8t.pl,.afm,$(subst j,,,$(subst 2,,,$@))) \=\> $@

```

```

7754 -afm2pl -l ybd-8t.lig -n -p t1-ybd2j.enc $(subst 8t.pl,.afm,$(subst
j,, $(subst 2,, $@))) $@
7755 $(pls8tj) : %j8t.pl : %.afm ybd-8t.lig t1-ybdj.enc
7756 @echo $< \=> $@
7757 -afm2pl -l ybd-8t.lig -n -p t1-ybdj.enc $< $@
7758 $(pls8cybd) : %8c.pl : %.afm ybd-8t.lig ts1-ybd.enc
7759 @echo $< \=> $@
7760 -afm2pl -l ybd-8t.lig -n -p ts1-ybd.enc $< $@
7761 $(pls8c0) : ybd-8t.lig ts1-ybd0.enc
7762 @echo $(subst 8c.pl,.afm,$(subst 0,, $@)) \=> $@
7763 -afm2pl -l ybd-8t.lig -n -p ts1-ybd0.enc $(subst 8c.pl,.afm,$(subst
0,, $@)) $@
7764 $(pls8c1) : ybd-8t.lig ts1-ybd1.enc
7765 @echo $(subst 8c.pl,.afm,$(subst 1,, $@)) \=> $@
7766 -afm2pl -l ybd-8t.lig -n -p ts1-ybd1.enc $(subst 8c.pl,.afm,$(subst
1,, $@)) $@
7767 $(pls8c2) : ybd-8t.lig ts1-ybd2.enc
7768 @echo $(subst 8c.pl,.afm,$(subst 2,, $@)) \=> $@
7769 -afm2pl -l ybd-8t.lig -n -p ts1-ybd2.enc $(subst 8c.pl,.afm,$(subst
2,, $@)) $@
7770 $(pls8c2j) : ybd-8t.lig ts1-ybd2j.enc
7771 @echo $(subst 8c.pl,.afm,$(subst j,, $(subst 2,, $@))) \=> $@
7772 -afm2pl -l ybd-8t.lig -n -p ts1-ybd2j.enc $(subst 8c.pl,.afm,$(subst
j,, $(subst 2,, $@))) $@
7773 $(pls8cj) : %j8c.pl : %.afm ybd-8t.lig ts1-ybdj.enc
7774 @echo $< \=> $@
7775 -afm2pl -l ybd-8t.lig -n -p ts1-ybdj.enc $< $@
7776
7777 $(plsr) : ybdr.afm
7778 $(plsri) : ybdri.afm
7779 $(plsrc) : ybdrc.afm
7780 $(plsrci) : ybdrci.afm
7781 $(plsb) : ybdb.afm
7782 $(plsbi) : ydbbi.afm
7783 $(plsbc) : ydbbc.afm
7784 $(plsbc_i) : ydbbci.afm
7785
7786 ybd.map : $(maps)
7787 @printf %b "Creating ybd.map...\n"
7788 cat $(maps) > ybd.map
7789
7790 $(tfms) : %.tfm : %.pl
7791 @echo $< \=> $@
7792 pltotf $< $@
7793
7794 %MAKE

```

B.3.2 FontForge

Requires FontForge.

The included Makefile in turn uses a FontForge script to convert the opentype fonts to postscript type 1 for use with 8-bit engines. This is the script used to do the conversion.

`ff-ybd.pe` (*script*) The script was legacy when this was first written, so we need `-lang=ff`. We also need to scotch the comments of which docstrip is so fond, because the shebang must be the first line. We use Lua to set the executable bit after extraction.

```

7795 %<<PE
7796 #!/usr/bin/fontforge -lang=ff
7797
7798 LoadNamelist("ybd.nam")
7799
7800 i = 1
7801
7802 while ( i < $argc )
7803
7804   Open($argv[i])
7805   RenameGlyphs("ybd")
7806
7807   # to make an even number of $ signs
7808   Generate($argv[i]:r + ".pfb","", -1)
7809   i = i+1
7810
7811 endloop
7812
7813 # vim: set nospell:
7814 %PE

```

B.4 Ligatures

We also need to define the ligatures, including both standard and non-standard ones.

B.4.1 T1

`ybd-8t.lig` (*script*) Ligatures for T1.

```

7815 || = cwm ;
7816
7817 question quoteleft =: questiondown ;
7818 exclam quoteleft =: exclamdown ;
7819 hyphen hyphen =: endash ; endash hyphen =: emdash ;
7820 quoteleft quoteleft =: quotedblleft ;
7821 quoteright quoteright =: quotedblright ;
7822 less less =: guillemotleft ;
7823 greater greater =: guillemotright ;
7824
7825 space {} * ; * {} space ;
7826
7827 Acute <> A ; acute <> a ;
7828 Abreve <> A ; abreve <> a ;

```

```

7829 Acircumflex <> A ; acircumflex <> a ;
7830 Adieresis <> A ; adieresis <> a ;
7831 Agrave <> A ; agrave <> a ;
7832 Aogonek <> A ; aogonek <> a ;
7833 Aring <> A ; aring <> a ;
7834 Atilde <> A ; atilde <> a ;
7835 Cacute <> C ; cacute <> c ;
7836 Ccaron <> C ; ccaron <> c ;
7837 Ccedilla <> C ; ccedilla <> c ;
7838 Dcaron <> D ; dcaron <> d ;
7839 Eacute <> E ; eacute <> e ;
7840 Ecaron <> E ; ecaron <> e ;
7841 Ecircumflex <> E ; ecircumflex <> e ;
7842 Edieresis <> E ; edieresis <> e ;
7843 Egrave <> E ; egrave <> e ;
7844 Eogonek <> E ; eogonek <> e ;
7845 Gbreve <> G ; gbreve <> g ;
7846 Iacute <> I ; iacute <> i ;
7847 Icircumflex <> I ; icircumflex <> i ;
7848 Idieresis <> I ; idieresis <> i ;
7849 Idotaccent <> I ;
7850 Igrave <> I ; igrave <> i ;
7851 Lacute <> L ; lacute <> l ;
7852 Lcaron <> L ; lcaron <> l ;
7853 Nacute <> N ; nacute <> n ;
7854 Ncaron <> N ; ncaron <> n ;
7855 Ntilde <> N ; ntilde <> n ;
7856 Oacute <> O ; oacute <> o ;
7857 Ocircumflex <> O ; ocircumflex <> o ;
7858 Odieresis <> O ; odieresis <> o ;
7859 Ograve <> O ; ograve <> o ;
7860 Oslash <> O ; oslash <> o ;
7861 Otilde <> O ; otilde <> o ;
7862 Racute <> R ; racute <> r ;
7863 Rcaron <> R ; rcaron <> r ;
7864 Sacute <> S ; sacute <> s ;
7865 Scaron <> S ; scaron <> s ;
7866 Scedilla <> S ; scedilla <> s ;
7867 Tcaron <> T ; tcaron <> t ;
7868 Tcedilla <> T ; tcedilla <> t ;
7869 Uacute <> U ; uacute <> u ;
7870 Ucircumflex <> U ; ucircumflex <> u ;
7871 Udieresis <> U ; udieresis <> u ;
7872 Ugrave <> U ; ugrave <> u ;
7873 Uring <> U ; uring <> u ;
7874 Yacute <> Y ; yacute <> y ;
7875 Ydieresis <> Y ; ydieresis <> y ;
7876 Zacute <> Z ; zacute <> z ;
7877 Zcaron <> Z ; zcaron <> z ;
7878 Zdotaccent <> Z ; zdotaccent <> z ;
7879
7880 f i =: fi ; f l =: fl ; f f =: ff ; ff i =: ffi ;
7881 ff l =: ffl ;

```

B.4.2 LY1

ybd-8y.lig (*script*) Ligatures for LY1.

```

7882 || = cwm ;
7883
7884 question quoteleft =: questiondown ;
7885 exclam quoteleft =: exclamdown ;
7886 hyphen hyphen =: endash ; endash hyphen =: emdash ;
7887 quoteleft quoteleft =: quotedblleft ;
7888 quoteright quoteright =: quotedblright ;
7889 less less =: guillemotleft ;
7890 greater greater =: guillemotright ;
7891
7892 space {} * ; * {} space ;
7893
7894 Acute <> A ; acute <> a ;
7895 Acircumflex <> A ; acircumflex <> a ;
7896 Adieresis <> A ; adieresis <> a ;
7897 Agrave <> A ; agrave <> a ;
7898 Aring <> A ; aring <> a ;
7899 Atilde <> A ; atilde <> a ;
7900 Ccedilla <> C ; ccedilla <> c ;
7901 Eacute <> E ; eacute <> e ;
7902 Ecircumflex <> E ; ecircumflex <> e ;
7903 Edieresis <> E ; edieresis <> e ;
7904 Egrave <> E ; egrave <> e ;
7905 Iacute <> I ; iacute <> i ;
7906 Icircumflex <> I ; icircumflex <> i ;
7907 Idieresis <> I ; idieresis <> i ;
7908 Igrave <> I ; igrave <> i ;
7909 Ntilde <> N ; ntilde <> n ;
7910 Oacute <> O ; oacute <> o ;
7911 Ocircumflex <> O ; ocircumflex <> o ;
7912 Odieresis <> O ; odieresis <> o ;
7913 Ograve <> O ; ograve <> o ;
7914 Oslash <> O ; oslash <> o ;
7915 Otilde <> O ; otilde <> o ;
7916 Scaron <> S ; scaron <> s ;
7917 Uacute <> U ; uacute <> u ;
7918 Ucircumflex <> U ; ucircumflex <> u ;
7919 Udieresis <> U ; udieresis <> u ;
7920 Ugrave <> U ; ugrave <> u ;
7921 Wcircumflex <> W ; wcircumflex <> w ;
7922 Yacute <> Y ; yacute <> y ;
7923 Ycircumflex <> Y ; ycircumflex <> y ;
7924 Ydieresis <> Y ; ydieresis <> y ;
7925 Zcaron <> Z ; zcaron <> z ;
7926
7927 f i =: fi ; f l =: fl ; f f =: ff ; ff i =: ffi ;
7928 ff l =: ffl ; f j =: fj ; ff j =: ffj ; f t =: ft ; ff t =: fft ;
7929
7930 c h =: ch ; c k =: ck ; c l =: cl ; c t =: ct ;
7931
7932 s h =: sh ; s k =: sk ; s l =: sl ; s p =: sp ; s t =: st ;
7933

```

```

7934 t t =: tt ;
7935
7936 Q asterisk =: Qalt ;

```

B.5 Names

ybd.nam (*script*) Names for FontForge.

7937 %<NAM	7984 0x004E N
7938 0x0020 space	7985 0x004F O
7939 0x0021 exclam	7986 0x0050 P
7940 0x0022 quotedbl	7987 0x0051 Q
7941 0x0023 numbersign	7988 0x0052 R
7942 0x0024 dollar	7989 0x0053 S
7943 0x0025 percent	7990 0x0054 T
7944 0x0026 ampersand	7991 0x0055 U
7945 0x0027 quotesingle	7992 0x0056 V
7946 0x0028 parenleft	7993 0x0057 W
7947 0x0029 parenright	7994 0x0058 X
7948 0x002A asterisk	7995 0x0059 Y
7949 0x002B plus	7996 0x005A Z
7950 0x002C comma	7997 0x005B bracketleft
7951 0x002D hyphen	7998 0x005C backslash
7952 0x002E period	7999 0x005D bracketright
7953 0x002F slash	8000 0x005E asciicircum
7954 0x0030 zero	8001 0x005F underscore
7955 0x0031 one	8002 0x0060 grave
7956 0x0032 two	8003 0x0061 a
7957 0x0033 three	8004 0x0062 b
7958 0x0034 four	8005 0x0063 c
7959 0x0035 five	8006 0x0064 d
7960 0x0036 six	8007 0x0065 e
7961 0x0037 seven	8008 0x0066 f
7962 0x0038 eight	8009 0x0067 g
7963 0x0039 nine	8010 0x0068 h
7964 0x003A colon	8011 0x0069 i
7965 0x003B semicolon	8012 0x006A j
7966 0x003C less	8013 0x006B k
7967 0x003D equal	8014 0x006C l
7968 0x003E greater	8015 0x006D m
7969 0x003F question	8016 0x006E n
7970 0x0040 at	8017 0x006F o
7971 0x0041 A	8018 0x0070 p
7972 0x0042 B	8019 0x0071 q
7973 0x0043 C	8020 0x0072 r
7974 0x0044 D	8021 0x0073 s
7975 0x0045 E	8022 0x0074 t
7976 0x0046 F	8023 0x0075 u
7977 0x0047 G	8024 0x0076 v
7978 0x0048 H	8025 0x0077 w
7979 0x0049 I	8026 0x0078 x
7980 0x004A J	8027 0x0079 y
7981 0x004B K	8028 0x007A z
7982 0x004C L	8029 0x007B braceleft
7983 0x004D M	8030 0x007C bar

8031 0x007D	braceright	8087 0x00D8	Oslash
8032 0x007E	asciitilde	8088 0x00D9	Ugrave
8033 0x00A1	exclamdown	8089 0x00DA	Uacute
8034 0x00A2	cent	8090 0x00DB	Ucircumflex
8035 0x00A3	sterling	8091 0x00DC	Udieresis
8036 0x00A4	currency	8092 0x00DD	Yacute
8037 0x00A5	yen	8093 0x00DE	Thorn
8038 0x00A6	brokenbar	8094 0x00DF	germandbls
8039 0x00A7	section	8095 0x00E0	agrave
8040 0x00A8	dieresis	8096 0x00E1	aacute
8041 0x00A9	copyright	8097 0x00E2	acircumflex
8042 0x00AA	ordfeminine	8098 0x00E3	atilde
8043 0x00AB	guillemotleft	8099 0x00E4	adieresis
8044 0x00AC	logicalnot	8100 0x00E5	aring
8045 0x00AD	sfthyphen	8101 0x00E6	ae
8046 0x00AE	registered	8102 0x00E7	cedilla
8047 0x00AF	macron	8103 0x00E8	egrave
8048 0x00B0	degree	8104 0x00E9	eacute
8049 0x00B1	plusminus	8105 0x00EA	ecircumflex
8050 0x00B2	two.superior	8106 0x00EB	edieresis
8051 0x00B3	three.superior	8107 0x00EC	igrave
8052 0x00B4	acute	8108 0x00ED	iacute
8053 0x00B6	paragraph	8109 0x00EE	icircumflex
8054 0x00B7	periodcentered	8110 0x00EF	idieresis
8055 0x00B8	cedilla	8111 0x00F0	eth
8056 0x00B9	one.superior	8112 0x00F1	ntilde
8057 0x00BA	ordmasculine	8113 0x00F2	ograve
8058 0x00BB	guillemotright	8114 0x00F3	oacute
8059 0x00BC	onequarter	8115 0x00F4	ocircumflex
8060 0x00BD	onehalf	8116 0x00F5	otilde
8061 0x00BE	threequarters	8117 0x00F6	odieresis
8062 0x00BF	questiondown	8118 0x00F7	divide
8063 0x00C0	Agrave	8119 0x00F8	oslash
8064 0x00C1	Aacute	8120 0x00F9	ugrave
8065 0x00C2	Acircumflex	8121 0x00FA	uacute
8066 0x00C3	Atilde	8122 0x00FB	ucircumflex
8067 0x00C4	Adieresis	8123 0x00FC	udieresis
8068 0x00C5	Aring	8124 0x00FD	yacute
8069 0x00C6	AE	8125 0x00FE	thorn
8070 0x00C7	Ccedilla	8126 0x00FF	ydieresis
8071 0x00C8	Egrave	8127 0x0100	Amacron
8072 0x00C9	Eacute	8128 0x0101	amacron
8073 0x00CA	Ecircumflex	8129 0x0102	Abreve
8074 0x00CB	Edieresis	8130 0x0103	abreve
8075 0x00CC	Igrave	8131 0x0104	Aogonek
8076 0x00CD	Iacute	8132 0x0105	aogonek
8077 0x00CE	Icircumflex	8133 0x0106	Cacute
8078 0x00CF	Idieresis	8134 0x0107	cacute
8079 0x00D0	Eth	8135 0x0108	Ccircumflex
8080 0x00D1	Ntilde	8136 0x0109	ccircumflex
8081 0x00D2	Ograve	8137 0x010A	Cdotaccent
8082 0x00D3	Oacute	8138 0x010B	cdotaccent
8083 0x00D4	Ocircumflex	8139 0x010C	Ccaron
8084 0x00D5	Otilde	8140 0x010D	ccaron
8085 0x00D6	Odieresis	8141 0x010E	Dcaron
8086 0x00D7	multiply	8142 0x010F	dcaron

8143	0x0110	Dcroat	8199	0x0148	ncaron
8144	0x0111	dcroat	8200	0x0149	napostrophe
8145	0x0112	Emacron	8201	0x014A	Eng
8146	0x0113	emacron	8202	0x014B	eng
8147	0x0114	Ebreve	8203	0x014C	Omacron
8148	0x0115	ebreve	8204	0x014D	omacron
8149	0x0116	Edotaccent	8205	0x014E	Obreve
8150	0x0117	edotaccent	8206	0x014F	obreve
8151	0x0118	Eogonek	8207	0x0150	Ohungarumlaut
8152	0x0119	eogonek	8208	0x0151	ohungarumlaut
8153	0x011A	Ecaron	8209	0x0152	OE
8154	0x011B	ecaron	8210	0x0153	oe
8155	0x011C	Gcircumflex	8211	0x0154	Racute
8156	0x011D	gcircumflex	8212	0x0155	racute
8157	0x011E	Gbreve	8213	0x0156	Rcommaaccent
8158	0x011F	gbreve	8214	0x0157	rcommaaccent
8159	0x0120	Gdotaccent	8215	0x0158	Rcaron
8160	0x0121	gdotaccent	8216	0x0159	rcaron
8161	0x0122	Gcommaaccent	8217	0x015A	Sacute
8162	0x0123	gcommaaccent	8218	0x015B	sacute
8163	0x0124	Hcircumflex	8219	0x015C	Scircumflex
8164	0x0125	hcircumflex	8220	0x015D	scircumflex
8165	0x0126	Hbar	8221	0x015E	Scedilla
8166	0x0127	hbar	8222	0x015F	scedilla
8167	0x0128	Itilde	8223	0x0160	Scaron
8168	0x0129	itilde	8224	0x0161	scaron
8169	0x012A	Imacron	8225	0x0162	Tcedilla
8170	0x012B	imacron	8226	0x0163	tcedilla
8171	0x012C	Ibreve	8227	0x0164	Tcaron
8172	0x012D	ibreve	8228	0x0165	tcaron
8173	0x012E	Iogonek	8229	0x0166	Tbar
8174	0x012F	iogonek	8230	0x0167	tbar
8175	0x0130	Idotaccent	8231	0x0168	Utilde
8176	0x0131	dotlessi	8232	0x0169	utilde
8177	0x0132	IJ	8233	0x016A	Umacron
8178	0x0133	ij	8234	0x016B	umacron
8179	0x0134	Jcircumflex	8235	0x016C	Ubreve
8180	0x0135	jcircumflex	8236	0x016D	ubreve
8181	0x0136	Kcommaaccent	8237	0x016E	Uring
8182	0x0137	kcommaaccent	8238	0x016F	uring
8183	0x0138	kgreenlandic	8239	0x0170	Uhungarumlaut
8184	0x0139	Lacute	8240	0x0171	uhungarumlaut
8185	0x013A	lacute	8241	0x0172	Uogonek
8186	0x013B	Lcommaaccent	8242	0x0173	uogonek
8187	0x013C	lcommaaccent	8243	0x0174	Wcircumflex
8188	0x013D	Lcaron	8244	0x0175	wcircumflex
8189	0x013E	lcaron	8245	0x0176	Ycircumflex
8190	0x013F	Ldot	8246	0x0177	ycircumflex
8191	0x0140	ldot	8247	0x0178	Ydieresis
8192	0x0141	Lslash	8248	0x0179	Zacute
8193	0x0142	lslash	8249	0x017A	zacute
8194	0x0143	Nacute	8250	0x017B	Zdotaccent
8195	0x0144	nacute	8251	0x017C	zdotaccent
8196	0x0145	Ncommaaccent	8252	0x017D	Zcaron
8197	0x0146	ncommaaccent	8253	0x017E	zcaron
8198	0x0147	Ncaron	8254	0x017F	longs

8255	0x0192	florin	8311	0x2085	five.inferior
8256	0x0218	Scommaaccent	8312	0x2086	six.inferior
8257	0x0219	scommaaccent	8313	0x2087	seven.inferior
8258	0x02C6	circumflex	8314	0x2088	eight.inferior
8259	0x02C7	caron	8315	0x2089	nine.inferior
8260	0x02D8	breve	8316	0x208D	parenleft.inferior
8261	0x02D9	dotaccent	8317	0x208E	parenright.inferior
8262	0x02DA	ring	8318	0x20AC	Euro
8263	0x02DB	ogonek	8319	0x2113	lscrip
8264	0x02DC	tilde	8320	0x2116	numero
8265	0x02DD	hungarumlaut	8321	0x2122	trademark
8266	0x03C0	pi	8322	0x212E	estimated
8267	0x1E80	Wgrave	8323	0x2153	onethird
8268	0x1E81	wgrave	8324	0x2154	twothirds
8269	0x1E82	Wacute	8325	0x215B	oneeighth
8270	0x1E83	wacute	8326	0x215C	threeeighths
8271	0x1E84	Wdieresis	8327	0x215D	fiveeighths
8272	0x1E85	wdieresis	8328	0x215E	seveneighths
8273	0x1EF2	Ygrave	8329	0x2202	partialdiff
8274	0x1EF3	ygrave	8330	0x220F	product
8275	0x2012	figuredash	8331	0x2211	summation
8276	0x2013	endash	8332	0x2212	minus
8277	0x2014	emdash	8333	0x2215	divisionslash
8278	0x2015	afii00208	8334	0x2217	asteriskmath
8279	0x2018	quotelleft	8335	0x2219	bulletoperator
8280	0x2019	quoteright	8336	0x221A	radical
8281	0x201A	quotesinglbase	8337	0x221E	infinity
8282	0x201B	quotereversed	8338	0x222B	integral
8283	0x201C	quotedblleft	8339	0x2248	approxequal
8284	0x201D	quotedblright	8340	0x2260	notequal
8285	0x201E	quotedblbase	8341	0x2264	lessequal
8286	0x2020	dagger	8342	0x2265	greaterequal
8287	0x2021	daggerdbl	8343	0x25CA	lozenge
8288	0x2022	bullet	8344	0xE674	Qalt
8289	0x2024	onedotenleader	8345	0xE6A4	ct
8290	0x2025	twodotenleader	8346	0xE6A5	sp
8291	0x2026	ellipsis	8347	0xE6A6	ch
8292	0x2030	perthousand	8348	0xE6A7	ck
8293	0x2039	guilsinglleft	8349	0xE6A8	cl
8294	0x203A	guilsinglright	8350	0xE6A9	sh
8295	0x2044	fraction	8351	0xE6AA	sk
8296	0x2070	zero.superior	8352	0xE6AB	sl
8297	0x2074	four.superior	8353	0xE6AC	fj
8298	0x2075	five.superior	8354	0xE6AD	ffj
8299	0x2076	six.superior	8355	0xE6AE	ft
8300	0x2077	seven.superior	8356	0xE6AF	fft
8301	0x2078	eight.superior	8357	0xE6B0	tt
8302	0x2079	nine.superior	8358	0xE6C8	plus.superior
8303	0x207D	parenleft.superior	8359	0xE6C9	sterling.superior
8304	0x207E	parenright.superior	8360	0xE6CA	yen.superior
8305	0x207F	n.superior	8361	0xE6CB	Euro.superior
8306	0x2080	zero.inferior	8362	0xE6CC	plus.inferior
8307	0x2081	one.inferior	8363	0xE6CD	sterling.inferior
8308	0x2082	two.inferior	8364	0xE6CE	yen.inferior
8309	0x2083	three.inferior	8365	0xE6CF	Euro.inferior
8310	0x2084	four.inferior	8366	0xE6D0	plus.denominator

8367	0xE6D1	sterling.denominator	8423	0xF64B	eight.taboldstyle
8368	0xE6D2	yen.denominator	8424	0xF64C	nine.taboldstyle
8369	0xE6D3	Euro.denominator	8425	0xF64E	Euro.taboldstyle
8370	0xE6D4	plus.numerator	8426	0xF650	numbersign.taboldstyle
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8405	0xF639	zero.fitted	8461	0xF6E1	comma.inferior
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8492	0xFB00	ff	8506	%NAM	

Change History

v1.0	General: Provide support for the LY1 encoding.	4	Change to recommended configuration for Welsh.	4	
	<code>\g__berenis_enc_t1</code> : Tai bach work for ‘swash’ encoding.	19	<code>\g__berenis_enc_t1</code> : Tai bach work for any LY1 encoding.	19	
v1.004	General: First public release.	1	v2.1	General: Backwards-incompatible change to option handling.	7
v1.004/2.0	General: Limited support for T1 and TS1.	5		Belated update for (New) NFSS and revised nfssect-cfr. Try switching to DTX/INS.	1
v2.0	General: Add support for T1 and TS1, and include some changes to the LY1 encoding used.	4		Enable scale package option.	8
	Addresses issues typesetting Polish, as discussed at https://tex.stackexchange.com/questions/134989/recode-ly1-encoding-to-t1-berenis-font-and-polish-letters/145938	4		<code>ts1-ybd.enc</code> : Correct to get superiors and oldstyle figures.	109
				<code>ts1-ybd2.enc</code> : Correct to get superiors and oldstyle figures.	116
				<code>ts1-ybd2j.enc</code> : Correct to get superiors.	118
				<code>ts1-ybdj.enc</code> : Correct to get superiors.	120

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined> refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

	Symbols		
\=	<i>77¹¹</i> , <i>77¹⁴</i> , <i>77¹⁷</i> , <i>77²⁰</i> , <i>77²³</i> , <i>77²⁶</i> , <i>77²⁹</i> , <i>77³²</i> , <i>77³⁵</i> , <i>77³⁸</i> , <i>77⁴¹</i> , <i>77⁴⁴</i> , <i>77⁴⁷</i> , <i>77⁵⁰</i> , <i>77⁵³</i> , <i>77⁵⁶</i> , <i>77⁵⁹</i> , <i>77⁶²</i> , <i>77⁶⁵</i> , <i>77⁶⁸</i> , <i>77⁷¹</i> , <i>77⁷⁴</i> , <i>77⁷⁹</i> ¹	1042, 1097, 1100, 1155, 1158, 1213, 1216, 1271, 1274, 1329, 1332, 1387, 1390	562, 563, 564, 565, 566, 583, 587, 591, 595, 599, 603, 607, 611, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 641, 645, 649, 653, 657, 661, 665, 669, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 699, 703, 707, 711, 715, 719, 723, 727, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 757, 761, 765, 769, 773, 777, 781, 785, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 815, 819, 823, 827, 831, 835, 839, 843, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 873, 877, 881, 885, 889, 893, 897, 901, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 931, 935, 939, 943, 947, 951, 955, 959, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 989, 993, 997, 1001, 1005, 1009, 1013, 1017, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1047, 1051, 1055, 1059, 1063, 1067, 1071, 1075, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1105, 1109, 1113, 1117, 1121, 1125, 1129, 1133, 1137, 1138, 1139, 1140, 1141, 1142,
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