

# Support package for DeGruyterSans fonts

giovanni, le-tex publishing services

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## Introduction

The `DeGruyterSans` package provides an installation of the DeGruyterSans fonts for LaTeX/NFSS. The installation is based on the fonts in opentype format, which themselves were derived from the Noto SemiCondensed fonts for the inner book “De Gruyter house style”.

The DeGruyterSans comes in four subfamilies:

- DeGruyterSans Regular
- DeGruyterSans Italic
- DeGruyterSans Bold
- DeGruyterSans Bold Italic

All these fonts have more than 3600 characters. Many of them are accessible with the `DeGruyterSans` package – but far not all. Furthermore, the opentype fonts provide a lot of opentype features, first of all small capitals and a lot of figure variants. The most important features are accessible through the `DeGruyterSans` package.

The `README` file describes the installation of the package.

## Package options and package loading

The `DeGruyterSans` package provides the following options to select the standard figure variant:

- either `lining` or `oldstyle` (default is `oldstyle`)
- either `tabular` or `proportional` (default is `proportional`)

`DeGruyterSans` does not load the packages `fontenc` or `textcomp` automatically. Please load these packages as required and with the required encoding options before loading `DeGruyterSans`. (See also the next section.)

## Provided encodings and characters

The most important LaTeX output encodings are provided, except encodings for which the original fonts do not provide characters, e.g. the Armenian encodings OT6 and T6 and the math extension encoding OMX. It is important to note that not all encodings are complete and that it is up to the user to check that the character output is as intended.

Here is the list of provided output encodings:

|     |                                                                                                                          |
|-----|--------------------------------------------------------------------------------------------------------------------------|
| OT1 | (TeX text) is complete<br>(only the stroke for ł is missing; but U+141 and U+142 are added).                             |
| T1  | (Cork) is complete, except /perthousandzero.                                                                             |
| TS1 | (Cork companion) is not complete; further glyphs are added.                                                              |
| LY1 | (Y&Y) is complete.                                                                                                       |
| QX  | (polish) is not complete.                                                                                                |
| L7x | (lithuanian) is not complete.                                                                                            |
| OT2 | (UW cyrillic) is not complete.                                                                                           |
| T2A | (cyrillic) is quite complete.                                                                                            |
| T2B | (cyrillic) is not complete.                                                                                              |
| T2C | (cyrillic) is not complete.                                                                                              |
| X2  | (cyrillic) is not complete.                                                                                              |
| T3  | (IPA) is not complete.                                                                                                   |
| TS3 | (ipa symbol) is not complete.                                                                                            |
| T4  | (african latin) is not complete.                                                                                         |
| T5  | (vietnamese) is complete.                                                                                                |
| LGR | (greek 256, non-ASCII) is not complete.                                                                                  |
| U   | (an extra encoding from the MinionPro package) is not complete.                                                          |
| 2BS | (an extra encoding to capture the characters from the blocks U+200–U+2FF and some not-unicoded symbols) is not complete. |
| PUA | (an extra encoding to capture the characters from the private use area) is not complete.                                 |
| OML | (TeX math italic) is not complete.                                                                                       |
| OMS | (TeX math symbol) is not complete.                                                                                       |

Finally, note that many characters of the original opentype fonts are not made accessible by the `DeGruyterSans` package. If one wants to have these missing characters, it is recommended to employ the original opentype fonts (also part of this package) and to use the `fontspec` package (or similar technologies) under XeTeX or LuaTeX to access the opentype fonts directly.

The following pages show the above mentioned encodings:

Test of font De-Gruyter-Sans-Regular-tlf-ot1 (encoding OT1) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | Г  | Δ  | Θ  | Λ  | Ξ  | Π  | Σ   | Υ   | ˆ0x |
| ˆ01x | Φ  | Ψ  | Ω  | ff | fi | fl | ffi | ffl |     |
| ˆ02x | ı  | ı  | `  | ´  | ˘  | ˙  | ˚   | ˛   | ˆ1x |
| ˆ03x | ‚  | ß  | æ  | œ  | ø  | Æ  | Œ   | Ø   |     |
| ˆ04x |    | !  | ”  | #  | \$ | %  | &   | ’   | ˆ2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | ˆ3x |
| ˆ07x | 8  | 9  | :  | ;  | i  | =  | ¿   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | ˆ4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | ˆ5x |
| ˆ13x | X  | Y  | Z  | [  | “  | ]  | ^   | ˙   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | ˆ6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | ˆ7x |
| ˆ17x | x  | y  | z  | -  | —  | ”  | ~   | ..  |     |
| ˆ20x | ft | st |    |    |    |    |     |     | ˆ8x |
| ˆ21x |    |    | Ł  |    |    |    |     |     |     |
| ˆ24x |    |    |    |    |    |    |     |     | ˆAx |
| ˆ25x |    |    | ł  |    |    |    |     |     |     |
| ˆ36x |    |    |    |    |    |    |     |     | ˆFx |
| ˆ37x |    |    |    |    |    |    |     | -   |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE  | ˆF  |     |

Test of font De-Gruyter-Sans-Regular-tlf-t1 (encoding T1) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “  | °   | ˇ   | "0x |
| ˆ01x | ˘  | –  | ·  | ¸  | ˙  | ,  | ‹   | ›   |     |
| ˆ02x | “  | ”  | „  | «  | »  | –  | —   |     | "1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl | ffi | ffl |     |
| ˆ04x | ┐  | !  | "  | #  | \$ | %  | &   | '   | "2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | "3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | "4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | "5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | "6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | "7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | -   |     |
| ˆ20x | Ă  | Ą  | Ć  | Č  | Ď  | Ě  | Ę   | Ğ   | "8x |
| ˆ21x | Ł  | Ł  | Ł  | Ń  | Ň  | Ŋ  | Ŏ   | Ŕ   |     |
| ˆ22x | Ř  | Ś  | Š  | Ş  | Ť  | Ț  | Ů   | Ű   | "9x |
| ˆ23x | Ÿ  | Ž  | Ž  | Ž  | IJ | İ  | đ   | š   |     |
| ˆ24x | ă  | ą  | ć  | č  | ď  | ě  | ę   | ğ   | "Ax |
| ˆ25x | í  | ı  | ı  | ń  | ň  | ŋ  | ő   | ı   |     |
| ˆ26x | ř  | ś  | š  | ş  | ť  | ț  | ů   | ű   | "Bx |
| ˆ27x | ÿ  | ž  | ž  | ž  | ij | i  | ı   | £   |     |
| ˆ30x | À  | Á  | Â  | Ã  | Ä  | Å  | Æ   | Ç   | "Cx |
| ˆ31x | È  | É  | Ê  | Ë  | Ì  | Í  | Î   | Ï   |     |
| ˆ32x | Ð  | Ñ  | Ò  | Ó  | Ô  | Õ  | Ö   | Œ   | "Dx |
| ˆ33x | Ø  | Ù  | Ú  | Û  | Ü  | Ý  | Þ   | ß   |     |
| ˆ34x | à  | á  | â  | ã  | ä  | å  | æ   | ç   | "Ex |
| ˆ35x | è  | é  | ê  | ë  | ì  | í  | î   | ï   |     |
| ˆ36x | ð  | ñ  | ò  | ó  | ô  | õ  | ö   | œ   | "Fx |
| ˆ37x | ø  | ù  | ú  | û  | ü  | ý  | þ   | ß   |     |
|      | "8 | "9 | "A | "B | "C | "D | "E  | "F  |     |

|     | 0 | 1  | 2  | 3 | 4  | 5 | 6 | 7   |    |
|-----|---|----|----|---|----|---|---|-----|----|
| 00x | ` | ´  | ^  | ~ | ¨  | ” | ° | ˘   | 0x |
| 01x | ˘ | -  | ·  | ¸ | €  | ’ |   |     |    |
| 02x |   |    | ”  |   |    | — | — |     | 1x |
| 03x | ← | →  | (  | ) | ^  | ^ |   |     |    |
| 04x | ħ |    |    |   | \$ |   |   | ’   | 2x |
| 05x |   |    | *  |   | ,  | ≈ | . | /   |    |
| 06x | 0 | 1  | 2  | 3 | 4  | 5 | 6 | 7   | 3x |
| 07x | 8 | 9  |    |   | <  | — | > |     |    |
| 10x |   |    |    |   |    |   |   |     | 4x |
| 11x |   |    |    |   |    | Ü |   | ○   |    |
| 12x |   |    |    |   |    |   |   | Ω   | 5x |
| 13x |   |    |    | ℓ |    | ℓ | ↑ | ↓   |    |
| 14x | ` |    | *  |   | †  |   |   |     | 6x |
| 15x |   |    |    |   |    |   |   |     |    |
| 16x |   |    |    | f | ft |   |   |     | 7x |
| 17x |   |    |    |   |    |   | ~ | ≈   |    |
| 20x | ˘ | ˘  | ”  | ” | †  | ‡ |   | ‰   | 8x |
| 21x | • | °C | \$ | ¢ | f  | ¢ | W | ℥   |    |
| 22x | ₠ | ₡  | £  | ₢ | ₣  | ₤ | ₥ | ™   | 9x |
| 23x | ‰ | ¶  |    | № | ٪  | e |   | SM  |    |
| 24x | [ | ]  | Ç  | £ | ¤  | ¥ | ¦ | §   | Ax |
| 25x | ¨ | ©  | ª  |   | ¬  | ® | ® | —   |    |
| 26x | ° | ±  | ²  | ³ | ´  | μ | ¶ | ·   | Bx |
| 27x | ※ | ¹  | º  | √ | ¼  | ½ | ¾ | €   |    |
| 30x | ■ | □  | ▲  | ► | ▼  | ◀ | ◊ | ○   | Cx |
| 31x | ● | ☉  | —  | — | ⅓  | ⅓ | ⅓ | ⅓   |    |
| 32x | ⅓ | ⅓  | ⅓  | ⅓ | ⅓  | ⅓ | × | ... | Dx |
| 33x | ⅓ | ⅓  | ⅓  | ⅓ | ⅓  | ⅓ | ⅓ | ⅓   |    |
| 34x | ← | ↑  | →  | ↓ | ↔  | ↑ | ↖ | ↗   | Ex |
| 35x | ↘ | ↙  | ┌  | ┐ | └  | ┘ | ┑ | ┒   |    |
| 36x | ∂ | ∅  | Δ  | ∏ | Σ  | — | ÷ | ○   | Fx |
| 37x | / | ·  | √  | ∞ | ∫  | ~ | ≈ | ≠   |    |
|     | 8 | 9  | A  | B | C  | D | E | F   |    |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x |    | €  |    |    | /  | ˙  | ”   | ˘   | ”0x |
| ˆ01x | fl | -  |    | ff | fi | fl | ffi | ffl |     |
| ˆ02x | ı  | ı  | ˘  | ˙  | ˚  | ˛  | ˜   | ˚   | ”1x |
| ˆ03x | ‚  | ß  | æ  | œ  | ø  | Æ  | Œ   | Ø   |     |
| ˆ04x |    | !  | "  | #  | \$ | %  | &   | '   | ”2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | ”3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | ”4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | ”5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | ”6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | ”7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | ¨   |     |
| ˆ20x | Ł  | ’  | ‚  | ƒ  | „  | …  | †   | ‡   | ”8x |
| ˆ21x | ˆ  | ‰  | Š  | ‹  | Œ  | Ž  | ˆ   | —   |     |
| ˆ22x | ‡  | ‘  | ’  | “  | ”  | •  | –   | —   | ”9x |
| ˆ23x | ~  | ™  | Š  | ›  | œ  | ž  | ~   | ÿ   |     |
| ˆ24x |    | ı  | Ç  | £  | ¤  | ¥  | ¦   | §   | ”Ax |
| ˆ25x | ¨  | ©  | ª  | «  | ¬  | -  | ®   | ¯   |     |
| ˆ26x | °  | ±  | ²  | ³  | ´  | µ  | ¶   | ·   | ”Bx |
| ˆ27x | ¸  | ¹  | º  | »  | ¼  | ½  | ¾   | ¿   |     |
| ˆ30x | À  | Á  | Â  | Ã  | Ä  | Å  | Æ   | Ç   | ”Cx |
| ˆ31x | È  | É  | Ê  | Ë  | Ì  | Í  | Î   | Ï   |     |
| ˆ32x | Ð  | Ñ  | Ò  | Ó  | Ô  | Õ  | Ö   | ×   | ”Dx |
| ˆ33x | Ø  | Ù  | Ú  | Û  | Ü  | Ý  | Þ   | ß   |     |
| ˆ34x | à  | á  | â  | ã  | ä  | å  | æ   | ç   | ”Ex |
| ˆ35x | è  | é  | ê  | ë  | ì  | í  | î   | ï   |     |
| ˆ36x | ð  | ñ  | ò  | ó  | ô  | õ  | ö   | ÷   | ”Fx |
| ˆ37x | ø  | ù  | ú  | û  | ü  | ý  | þ   | ÿ   |     |
|      | ”8 | ”9 | ”A | ”B | ”C | ”D | ”E  | ”F  |     |

|      | ˆ0  | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|-----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | α   | Δ  | β  | δ  | π  | Π  | Σ   | μ   | ˆ0x |
| ˆ01x | ... | fk | Ω  | ff | fi | fl | ffi | ffl |     |
| ˆ02x | ı   | ı  | `  | ´  | ˘  | ˙  | ˚   | °   | ˆ1x |
| ˆ03x | ‚   | ß  | æ  | œ  | ø  | Æ  | Œ   | Ø   |     |
| ˆ04x |     | !  | ”  | #  | \$ | %  | &   | ,   | ˆ2x |
| ˆ05x | (   | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0   | 1  | 2  | 3  | 4  | 5  | 6   | 7   | ˆ3x |
| ˆ07x | 8   | 9  | :  | ;  | i  | =  | ¿   | ?   |     |
| ˆ10x | @   | A  | B  | C  | D  | E  | F   | G   | ˆ4x |
| ˆ11x | H   | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P   | Q  | R  | S  | T  | U  | V   | W   | ˆ5x |
| ˆ13x | X   | Y  | Z  | [  | “  | ]  | ^   | ˙   |     |
| ˆ14x | ‘   | a  | b  | c  | d  | e  | f   | g   | ˆ6x |
| ˆ15x | h   | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p   | q  | r  | s  | t  | u  | v   | w   | ˆ7x |
| ˆ17x | x   | y  | z  | –  | —  | ”  | ~   | ..  |     |
| ˆ20x | €   | ₺  | Ć  | >  | ≥  | ≈  | ₦   | ₹   | ˆ8x |
| ˆ21x | <   | ≤  | Ł  | Ń  | ~  | ^  | ℓ   | †   |     |
| ˆ22x | ‡   | Ś  | Š  | Ş  | °  | Ţ  | ˆ   | Ů   | ˆ9x |
| ˆ23x | Ÿ   | Ž  | Ž  | Ž  | Ij | {  | }   | š   |     |
| ˆ24x |     | ą  | ć  | ®  | ©  | ÷  | ₯   | ı   | ˆAx |
| ˆ25x | –   | ×  | ł  | ń  | ±  | ∞  | «   | »   |     |
| ˆ26x | ¶   | ś  | š  | ş  | •  | ţ  | —   | ұ   | ˆBx |
| ˆ27x | ÿ   | ž  | ž  | ž  | ij | .  | "   | '   |     |
| ˆ30x | À   | Á  | Â  | Ã  | Ä  | Å  | \   | Ç   | ˆCx |
| ˆ31x | È   | É  | Ê  | Ë  | Ì  | Í  | Î   | Ï   |     |
| ˆ32x | Ð   | Ñ  | Ò  | Ó  | Ô  | Õ  | Ö   | ▯   | ˆDx |
| ˆ33x | ‰   | Ù  | Ú  | Û  | Ü  | Ý  | Þ   |     |     |
| ˆ34x | à   | á  | â  | ã  | ä  | å  | –   | ç   | ˆEx |
| ˆ35x | è   | é  | ê  | ë  | ì  | í  | î   | ï   |     |
| ˆ36x | ð   | ñ  | ò  | ó  | ô  | õ  | ö   |     | ˆFx |
| ˆ37x |     | ù  | ú  | û  | ü  | ý  | þ   | „   |     |
|      | ˆ8  | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE  | ˆF  |     |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5  | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|-----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “   | °   | ˇ   | ˆ0x |
| ˆ01x | ˘  | —  | ·  | ˙  | ˚  | ,   | ◁   | ▷   |     |
| ˆ02x | “  | ”  | „  | «  | »  | –   | —   |     | ˆ1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl  | ffi | ffl |     |
| ˆ04x |    | !  | "  | #  | \$ | %   | &   | '   | ˆ2x |
| ˆ05x | (  | )  | *  | +  | ,  | -   | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5   | 6   | 7   | ˆ3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =   | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E   | F   | G   | ˆ4x |
| ˆ11x | H  | I  | J  | K  | L  | M   | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U   | V   | W   | ˆ5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]   | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e   | f   | g   | ˆ6x |
| ˆ15x | h  | i  | j  | k  | l  | m   | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u   | v   | w   | ˆ7x |
| ˆ17x | x  | y  | z  | {  |    | }   | ~   |     |     |
| ˆ20x | €  |    |    | f  |    | ... | †   | ‡   | ˆ8x |
| ˆ21x |    | ‰  |    |    | œ  |     |     |     |     |
| ˆ22x | ě  | ř  | ů  | ş  |    | •   |     |     | ˆ9x |
| ˆ23x |    | ™  |    |    | œ  |     | ffi | ffl |     |
| ˆ24x |    | ff | ç  | £  | ¤  | fl  | ı   | §   | ˆAx |
| ˆ25x | Ø  | ©  | Ŕ  | ı  | ı  |     | ®   | Æ   |     |
| ˆ26x | °  | ±  | ²  | ³  | fi | µ   | ¶   | ·   | ˆBx |
| ˆ27x | ø  | ¹  | ı  | i  | ¼  | ½   | ¾   | æ   |     |
| ˆ30x | Ą  | Į  | Ā  | Ć  | Ä  | Å   | Ę   | Ė   | ˆCx |
| ˆ31x | Č  | É  | Ž  | È  | Ğ  | Ķ   | Ī   | Ļ   |     |
| ˆ32x | Š  | Ň  | Ň  | Ó  | Ö  | Õ   | Ö   | ×   | ˆDx |
| ˆ33x | Ů  | Ł  | Ś  | Ū  | Ü  | Ž   | Ž   | ß   |     |
| ˆ34x | ą  | į  | ā  | ć  | ä  | å   | ę   | ė   | ˆEx |
| ˆ35x | č  | é  | ž  | è  | ğ  | ķ   | ī   | ļ   |     |
| ˆ36x | š  | ň  | ň  | ó  | ö  | õ   | ö   | ÷   | ˆFx |
| ˆ37x | ų  | ł  | ś  | ū  | ü  | ž   | ž   | f   |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD  | ˆE  | ˆF  |     |

Test of font De-Gruyter-Sans-Regular-tlf-ot2 (encoding OT2) on 24th May 2022 at 1226

|      | ˆ0  | ˆ1  | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|-----|-----|----|----|----|----|----|----|-----|
| ˆ00x | Ъ   | Ь   | Ѹ  | Э  | І  | Є  | Ђ  | Ѓ  | ˆ0x |
| ˆ01x | ъ   | ь   | ѹ  | э  | і  | є  | ђ  | ѓ  |     |
| ˆ02x | Ю   | Ж   | Й  | Ё  | Ѳ  | Ө  | Ѕ  | Я  | ˆ1x |
| ˆ03x | ю   | ж   | й  | ё  | ѳ  | ө  | ѕ  | я  |     |
| ˆ04x | “   | !   | ”  | Ђ  |    | %  | ’  | ’  | ˆ2x |
| ˆ05x | (   | )   | *  | ђ  | ,  | -  | .  | /  |     |
| ˆ06x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | ˆ3x |
| ˆ07x | 8   | 9   | :  | ;  | «  | ı  | »  | ?  |     |
| ˆ10x | ˘   | А   | Б  | Ц  | Д  | Е  | Ф  | Г  | ˆ4x |
| ˆ11x | х   | и   | Ј  | К  | Л  | М  | Н  | О  |     |
| ˆ12x | П   | Ч   | Р  | С  | Т  | У  | В  | Щ  | ˆ5x |
| ˆ13x | Ш   | Ы   | З  | [  | “  | ]  | Ь  | Ъ  |     |
| ˆ14x | ‘   | а   | б  | ц  | д  | е  | ф  | г  | ˆ6x |
| ˆ15x | х   | и   | ј  | к  | л  | м  | н  | о  |     |
| ˆ16x | п   | ч   | р  | с  | т  | у  | в  | щ  | ˆ7x |
| ˆ17x | ш   | ы   | з  | –  | —  | №  | ь  | ъ  |     |
| ˆ36x |     |     |    |    |    |    |    |    | ˆFx |
| ˆ37x | ffi | ffi | ff | fl | l  | fi | i  | f  |     |
|      | ˆ8  | ˆ9  | ˆA | ˆB | ˆC | ˆD | ˆE | ˆF |     |

Test of font De-Gruyter-Sans-Regular-tlf-t2a (encoding T2A) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “  | °   | ˘   | ˆ0x |
| ˆ01x | ˘  | —  | ·  | ˙  | ˚  | I  | ⟨   | ⟩   |     |
| ˆ02x | “  | ”  |    |    |    | –  | —   |     | ˆ1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl | ffi | ffl |     |
| ˆ04x | ␣  | !  | "  | #  | \$ | %  | &   | '   | ˆ2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | ˆ3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | ˆ4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | ˆ5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | ˆ6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | ˆ7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | -   |     |
| ˆ20x | Ґ  | Ғ  | Ђ  | Ѓ  | Һ  | Җ  | Ӷ   | Љ   | ˆ8x |
| ˆ21x | Ӏ  | Қ  | К  | К  | Æ  | Ң  | Н   | Ѕ   |     |
| ˆ22x | Ө  | Ҫ  | Ӧ  | Ү  | Ү  | Ҳ  | Ц   | Ч   | ˆ9x |
| ˆ23x | Ҫ  | Є  | Ә  | Ӣ  | Ӑ  | №  | Ѡ   | Ѣ   |     |
| ˆ24x | Ғ  | ғ  | ђ  | ѓ  | һ  | җ  | ӷ   | љ   | ˆAx |
| ˆ25x | Ӏ  | қ  | к  | к  | æ  | ң  | н   | ѕ   |     |
| ˆ26x | ө  | ç  | ӧ  | ү  | ү  | ҳ  | ц   | ч   | ˆBx |
| ˆ27x | Ҫ  | є  | ә  | Ӣ  | Ӑ  | „  | «   | »   |     |
| ˆ30x | A  | Б  | В  | Г  | Д  | Е  | Ж   | З   | ˆCx |
| ˆ31x | И  | Й  | К  | Л  | М  | Н  | О   | П   |     |
| ˆ32x | Р  | С  | Т  | У  | Ф  | Х  | Ц   | Ч   | ˆDx |
| ˆ33x | Ш  | Щ  | Ъ  | Ы  | Ь  | Э  | Ю   | Я   |     |
| ˆ34x | a  | б  | в  | г  | д  | е  | ж   | з   | ˆEx |
| ˆ35x | и  | й  | к  | л  | м  | н  | о   | п   |     |
| ˆ36x | р  | с  | т  | у  | ф  | х  | ц   | ч   | ˆFx |
| ˆ37x | ш  | щ  | ъ  | ы  | ь  | э  | ю   | я   |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE  | ˆF  |     |

Test of font De-Gruyter-Sans-Regular-tlf-t2b (encoding T2B) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “  | °   | ˇ   | "0x |
| ˆ01x | ˘  | –  | ·  | ¸  | ˙  | I  | ⟨   | ⟩   |     |
| ˆ02x | “  | ”  |    |    |    | –  | —   |     | "1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl | ffi | ffl |     |
| ˆ04x | ┐  | !  | "  | #  | \$ | %  | &   | '   | "2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | "3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | "4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | "5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | "6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | "7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | -   |     |
| ˆ20x | ƒ  | Ƒ  | Ɠ  | Ѓ  | h  | Ж  |     | З   | "8x |
| ˆ21x | Љ  | Њ  | Ћ  | Ќ  | Ѝ  | Ў  | Н   | Ѓ   |     |
| ˆ22x | Θ  |    | Ў  | У  | Х  | Х  | Х   | Ч   | "9x |
| ˆ23x | Ч  | Њ  | Ә  |    | Ё  | №  | ¤   | §   |     |
| ˆ24x | ƒ  | Ƒ  | Ɠ  | Ѓ  | h  | Ж  |     | З   | "Ax |
| ˆ25x | Љ  | Њ  | Ћ  | Ќ  | Ѝ  | Ў  | Н   | Ѓ   |     |
| ˆ26x | Θ  |    | Ў  | У  | Х  | Х  | Х   | Ч   | "Bx |
| ˆ27x | Ч  | Њ  | Ә  |    | Ё  | „  | «   | »   |     |
| ˆ30x | A  | Б  | В  | Г  | Д  | Е  | Ж   | З   | "Cx |
| ˆ31x | И  | Й  | К  | Л  | М  | Н  | О   | П   |     |
| ˆ32x | Р  | С  | Т  | У  | Ф  | Х  | Ц   | Ч   | "Dx |
| ˆ33x | Ш  | Щ  | Ъ  | Ы  | Ь  | Э  | Ю   | Я   |     |
| ˆ34x | a  | б  | в  | г  | д  | е  | ж   | з   | "Ex |
| ˆ35x | и  | й  | к  | л  | м  | н  | о   | п   |     |
| ˆ36x | р  | с  | т  | у  | ф  | х  | ц   | ч   | "Fx |
| ˆ37x | ш  | щ  | ъ  | ы  | ь  | э  | ю   | я   |     |
|      | "8 | "9 | "A | "B | "C | "D | "E  | "F  |     |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “  | °   | ˇ   | "0x |
| ˆ01x | ˘  | ˉ  | ˙  | ˚  | ¸  | I  | ⟨   | ⟩   |     |
| ˆ02x | “  | ”  |    |    |    | –  | —   |     | "1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl | ffi | ffl |     |
| ˆ04x | ␣  | !  | "  | #  | \$ | %  | &   | '   | "2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | "3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | "4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | "5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | "6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | "7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | -   |     |
| ˆ20x | Ѓ  | Ќ  | Ћ  | Ѓ  | ћ  |    | Р   | З   | "8x |
| ˆ21x | М  | Ќ  | Ћ  | Ѓ  | Ћ  | Ѓ  | М   | Ѓ   |     |
| ˆ22x | Ө  | ё  | ё  | Ђ  | Ѓ  | Ѓ  | Ѓ   | Ѓ   | "9x |
| ˆ23x | Ѓ  |    | Ә  |    | Ё  | №  | ¤   | §   |     |
| ˆ24x | Ѓ  | Ќ  | Ћ  | Ѓ  | ћ  |    | Р   | З   | "Ax |
| ˆ25x | М  | Ќ  | Ћ  | Ѓ  | Ћ  | Ѓ  | М   | Ѓ   |     |
| ˆ26x | Ө  | ё  | ё  | Ђ  | Ѓ  | Ѓ  | Ѓ   | Ѓ   | "Bx |
| ˆ27x | Ѓ  |    | Ә  |    | Ё  | „  | «   | »   |     |
| ˆ30x | А  | Б  | В  | Г  | Д  | Е  | Ж   | З   | "Cx |
| ˆ31x | И  | Й  | К  | Л  | М  | Н  | О   | П   |     |
| ˆ32x | Р  | С  | Т  | У  | Ф  | Х  | Ц   | Ч   | "Dx |
| ˆ33x | Ш  | Щ  | Ъ  | Ы  | Ь  | Э  | Ю   | Я   |     |
| ˆ34x | а  | б  | в  | г  | д  | е  | ж   | з   | "Ex |
| ˆ35x | и  | й  | к  | л  | м  | н  | о   | п   |     |
| ˆ36x | р  | с  | т  | у  | ф  | х  | ц   | ч   | "Fx |
| ˆ37x | ш  | щ  | ъ  | ы  | ь  | э  | ю   | я   |     |
|      | "8 | "9 | "A | "B | "C | "D | "E  | "F  |     |

Test of font De-Gruyter-Sans-Regular-tlf-x2 (encoding X2) on 24th May 2022 at 1226

|      | ˆ0  | ˆ1 | ˆ2  | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|-----|----|-----|----|----|----|----|----|-----|
| ˆ00x | `   | ´  | ^   | ~  | ¨  | “  | °  | ˇ  | ˆ0x |
| ˆ01x | ˘   | –  | ˙   | ˚  | ˛  | I  | (  | )  |     |
| ˆ02x | “   | ”  | ffi | “  |    | –  | —  | ff | ˆ1x |
| ˆ03x | ffi | `  | ´   | –  |    |    | fl | l  |     |
| ˆ04x | ⌒   | !  | "   | #  | \$ | %  | &  | '  | ˆ2x |
| ˆ05x | (   | )  | *   | +  | ,  | -  | .  | /  |     |
| ˆ06x | 0   | 1  | 2   | 3  | 4  | 5  | 6  | 7  | ˆ3x |
| ˆ07x | 8   | 9  | :   | ;  | <  | =  | >  | ?  |     |
| ˆ10x | @   | Æ  | Ђ   | Ѓ  | Є  | Ѕ  | К  | Ќ  | ˆ4x |
| ˆ11x | Љ   | Њ  | Ћ   | Ќ  | Ў  | Ѓ  | Ќ  | Ќ  |     |
| ˆ12x | fi  | Q  | Ћ   | S  | Ћ  | Ћ  | Ч  | W  | ˆ5x |
| ˆ13x | Ђ   | Ѓ  | V   | [  | \  | ]  | ^  | _  |     |
| ˆ14x | ‘   | æ  | ђ   | ѓ  | e  | ѕ  | к  | ќ  | ˆ6x |
| ˆ15x | љ   | i  | j   | љ  | њ  | њ  | ќ  | ќ  |     |
| ˆ16x | i   | q  | Ћ   | s  | Ћ  | Ћ  | ч  | w  | ˆ7x |
| ˆ17x | Ђ   | Ѓ  | v   | {  |    | }  | ~  | -  |     |
| ˆ20x | Ѓ   | F  | Г   | Ђ  | h  | Ж  | З  | З  | ˆ8x |
| ˆ21x | Ѓ   | К  | К   | Ѓ  | Ѓ  | Ѓ  | Н  | Ѓ  |     |
| ˆ22x | Θ   | Ç  | Ѓ   | Υ  | Υ  | Χ  | Χ  | Υ  | ˆ9x |
| ˆ23x | Υ   | Є  | Θ   |    | Ѓ  | №  | ¤  | Ѓ  |     |
| ˆ24x | Ѓ   | ƒ  | Г   | Ђ  | h  | Ж  | З  | З  | ˆAx |
| ˆ25x | Ѓ   | К  | К   | Ѓ  | Ѓ  | Ѓ  | Н  | Ѓ  |     |
| ˆ26x | Θ   | Ç  | Ѓ   | Υ  | Υ  | Χ  | Χ  | Υ  | ˆBx |
| ˆ27x | Υ   | є  | Θ   | f  | ё  | „  | «  | »  |     |
| ˆ30x | A   | Б  | B   | Г  | Д  | E  | Ж  | З  | ˆCx |
| ˆ31x | И   | Й  | К   | Л  | М  | Н  | О  | П  |     |
| ˆ32x | P   | С  | T   | У  | Ф  | X  | Ц  | Ч  | ˆDx |
| ˆ33x | Ш   | Щ  | Ъ   | Ы  | Ь  | Э  | Ю  | Я  |     |
| ˆ34x | a   | б  | в   | г  | д  | e  | ж  | з  | ˆEx |
| ˆ35x | и   | й  | к   | л  | м  | н  | о  | п  |     |
| ˆ36x | p   | с  | т   | у  | ф  | x  | ц  | ч  | ˆFx |
| ˆ37x | ш   | щ  | ъ   | ы  | ь  | э  | ю  | я  |     |
|      | ˆ8  | ˆ9 | ˆA  | ˆB | ˆC | ˆD | ˆE | ˆF |     |

Test of font De-Gruyter-Sans-Regular-tlf-t3 (encoding T3) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3  | ˆ4  | ˆ5 | ˆ6 | ˆ7 |     |
|------|----|----|----|-----|-----|----|----|----|-----|
| ˆ00x | `  | ´  | ^  | ~   | ¨   | ”  | °  | ˇ  | ˆ0x |
| ˆ01x | ˘  | -  | ˙  | ˚   | ¸   | “  |    |    |     |
| ˆ02x | ˆ  | ˜  | ˘  | ˙   | ˚   | ¸  | ˘  | ˙  | ˆ1x |
| ˆ03x | *  | !  | ¡  | •   | ˆ   | ˘  |    | ˙  |     |
| ˆ04x |    | !  | ˙  |     | ˘   | ˙  | ˘  | ˙  | ˆ2x |
| ˆ05x | (  | )  | *  | +   | ,   | -  | .  | /  |     |
| ˆ06x | ⌘  | ı  | Λ  | 3   | ı   | e  | o  | ı  | ˆ3x |
| ˆ07x | ø  | 9  | :  | ˙   | ˘   | =  | ˆ  | ?  |     |
| ˆ10x | ə  | α  | β  | ε   | ð   | ε  | φ  | ı  | ˆ4x |
| ˆ11x | h  | ı  | j  | κ   | λ   | ı  | ı  | ı  |     |
| ˆ12x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  | ˆ5x |
| ˆ13x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  |     |
| ˆ14x | ˆ  | a  | b  | c   | d   | e  | f  | g  | ˆ6x |
| ˆ15x | h  | i  | j  | k   | l   | m  | n  | o  |     |
| ˆ16x | p  | q  | r  | s   | t   | u  | v  | w  | ˆ7x |
| ˆ17x | x  | y  | z  | ll  | ı   | ı  | ı  | ı  |     |
| ˆ20x | ff | fi | fl | ffi | ffl |    |    |    | ˆ8x |
| ˆ21x |    |    |    |     |     |    |    |    |     |
| ˆ22x |    |    |    |     | ˆ   | ˆ  | ˆ  | ˆ  | ˆ9x |
| ˆ23x | ˆ  | ˆ  | ˆ  | ˆ   | ˆ   | ˆ  |    |    |     |
| ˆ24x | ı  | ı  | ı  | ı   | ı   | ı  |    | ı  | ˆAx |
| ˆ25x | ı  | ı  | ı  | ı   | ı   |    | ı  |    |     |
| ˆ26x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  | ˆBx |
| ˆ27x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  |     |
| ˆ30x | A  | ı  | ı  | ı   | ı   | ı  | ı  | ı  | ˆCx |
| ˆ31x |    | ı  | ı  | ı   | ı   |    | ı  | ı  |     |
| ˆ32x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  | ˆDx |
| ˆ33x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  |     |
| ˆ34x | B  | b  | d  | d   | ı   | G  | æ  | ı  | ˆEx |
| ˆ35x | ı  | ı  | ı  | ı   | ı   | ı  | ı  | ı  |     |
| ˆ36x | N  | ı  | O  | ı   | ı   | ı  | R  | æ  | ˆFx |
| ˆ37x | ø  | ı  | ı  | M   | ı   | ı  | ı  | ı  |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB  | ˆC  | ˆD | ˆE | ˆF |     |

Test of font De-Gruyter-Sans-Regular-tlf-ts3 (encoding TS3) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|----|----|----|----|----|----|----|----|-----|
| ˆ00x |    |    |    |    |    |    | -  | ↓  | "0x |
| ˆ01x |    | —  | .. |    |    |    |    |    |     |
| ˆ04x | ɑ  |    | æ  | ɹ  | ɕ  |    |    |    | "2x |
| ˆ05x |    | ɔ  | ɐ  | ɛ  | ɣ  |    |    |    |     |
| ˆ06x | h  | l  |    | f  |    |    | ŋ  |    | "3x |
| ˆ07x |    | θ  | ɹ  |    |    | φ  | l  |    |     |
| ˆ10x |    |    | ʒ  |    |    |    |    | ll | "4x |
| ˆ11x | ‡  |    |    |    |    |    |    |    |     |
| ˆ12x | þ  | þ  | þ  | þ  | ?  | ?  | ?  |    | "5x |
| ˆ13x |    |    |    |    |    |    |    |    |     |
| ˆ16x |    |    | δ  | F  | K  |    |    | M  | "7x |
| ˆ17x | P  | q  | я  |    |    |    |    |    |     |
|      | "8 | "9 | "A | "B | "C | "D | "E | "F |     |

Test of font De-Gruyter-Sans-Regular-tlf-t4 (encoding T4) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6  | ˆ7  |     |
|------|----|----|----|----|----|----|-----|-----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | “  | °   | ˘   | ˆ0x |
| ˆ01x | ˘  | —  | ˙  | ˚  | ˛  | ‚  | ◁   | ▷   |     |
| ˆ02x | “  | ”  | „  | «  | »  | –  | —   |     | ˆ1x |
| ˆ03x |    | ı  | ı  | ff | fi | fl | ffi | ffl |     |
| ˆ04x | ␣  | !  | "  | #  | \$ | %  | &   | '   | ˆ2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .   | /   |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 7   | ˆ3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >   | ?   |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F   | G   | ˆ4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N   | O   |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V   | W   | ˆ5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^   | _   |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f   | g   | ˆ6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n   | o   |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v   | w   | ˆ7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~   | -   |     |
| ˆ20x | Ɓ  | Ɗ  | Ɛ  | Ǝ  | Ƒ  | Ɠ  | Ɩ   | Ƙ   | ˆ8x |
| ˆ21x | Ƙ  | ƚ  | ƞ  | Ɵ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ22x | Ƈ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   | ˆ9x |
| ˆ23x | Ɛ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ24x | Ɓ  | Ɗ  | Ɛ  | Ǝ  | Ƒ  | Ɠ  | Ɩ   | Ƙ   | ˆAx |
| ˆ25x | Ɓ  | Ɗ  | Ɛ  | Ǝ  | Ƒ  | Ɠ  | Ɩ   | Ƙ   |     |
| ˆ26x | Ƈ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   | ˆBx |
| ˆ27x | Ɛ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ30x | Ɓ  | Ɗ  | Ɛ  | Ǝ  | Ƒ  | Ɠ  | Ɩ   | Ƙ   | ˆCx |
| ˆ31x | Ɛ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ32x | Ɖ  | ƚ  | ƞ  | Ɵ  | Ƣ  | ƣ  | Ƥ   | ƥ   | ˆDx |
| ˆ33x | Ɖ  | ƚ  | ƞ  | Ɵ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ34x | Ɓ  | Ɗ  | Ɛ  | Ǝ  | Ƒ  | Ɠ  | Ɩ   | Ƙ   | ˆEx |
| ˆ35x | Ɛ  | Ɔ  | Ɲ  | ƞ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
| ˆ36x | Ɖ  | ƚ  | ƞ  | Ɵ  | Ƣ  | ƣ  | Ƥ   | ƥ   | ˆFx |
| ˆ37x | Ɖ  | ƚ  | ƞ  | Ɵ  | Ƣ  | ƣ  | Ƥ   | ƥ   |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE  | ˆF  |     |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|----|----|----|----|----|----|----|----|-----|
| ˆ00x | `  | ´  | ^  | ~  | ¨  | .  | °  | ˘  | "0x |
| ˆ01x | ˘  | –  | ·  | ¸  | ’  | ,  | ‹  | ›  |     |
| ˆ02x | “  | ”  | „  | «  | »  | –  | —  |    | "1x |
| ˆ03x | o  | ı  | Ÿ  | ÿ  | Y  | ÿ  | Đ  | đ  |     |
| ˆ04x | ⌒  | !  | "  | #  | \$ | %  | &  | ,  | "2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | .  | /  |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | "3x |
| ˆ07x | 8  | 9  | :  | ;  | <  | =  | >  | ?  |     |
| ˆ10x | @  | A  | B  | C  | D  | E  | F  | G  | "4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N  | O  |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V  | W  | "5x |
| ˆ13x | X  | Y  | Z  | [  | \  | ]  | ^  | _  |     |
| ˆ14x | ‘  | a  | b  | c  | d  | e  | f  | g  | "6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n  | o  |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v  | w  | "7x |
| ˆ17x | x  | y  | z  | {  |    | }  | ~  | -  |     |
| ˆ20x | À  | Á  | Ã  | Ä  | Å  | Â  | Ã  | Ä  | "8x |
| ˆ21x | Ä  | Ä  | Ä  | Ä  | Ä  | Ä  | Ä  | Ä  |     |
| ˆ22x | Ä  | È  | É  | Ë  | Ê  | Ë  | Ê  | Ë  | "9x |
| ˆ23x | Ë  | Ë  | Ë  | Ë  | Ë  | Ë  | Ë  | Ë  |     |
| ˆ24x | à  | á  | ã  | ä  | å  | â  | ã  | ä  | "Ax |
| ˆ25x | ä  | ä  | ä  | ä  | ä  | ä  | ä  | ä  |     |
| ˆ26x | ä  | è  | é  | ë  | ê  | ë  | ê  | ë  | "Bx |
| ˆ27x | é  | ë  | ë  | ë  | ë  | ë  | ë  | ë  |     |
| ˆ30x | İ  | Ò  | Ó  | Õ  | Ö  | Ọ  | Ô  | Ỗ  | "Cx |
| ˆ31x | Õ  | Õ  | Õ  | Ộ  | Ơ  | Ỗ  | Ớ  | Ỗ  |     |
| ˆ32x | Ỗ  | Ợ  | Ừ  | Ú  | Û  | Ủ  | Ụ  | Ư  | "Dx |
| ˆ33x | Ừ  | Ứ  | Ỡ  | Ử  | Ự  | Ỡ  | Ỡ  | Ỡ  |     |
| ˆ34x | ị  | ò  | ó  | õ  | ö  | ọ  | ô  | ỗ  | "Ex |
| ˆ35x | ố  | ỗ  | ỗ  | ộ  | ơ  | ỡ  | ớ  | ỡ  |     |
| ˆ36x | ở  | ợ  | ừ  | ú  | û  | ủ  | ụ  | ư  | "Fx |
| ˆ37x | ử  | ứ  | ỡ  | ử  | ự  | ỳ  | ý  | ỹ  |     |
|      | "8 | "9 | "A | "B | "C | "D | "E | "F |     |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|----|----|----|----|----|----|----|----|-----|
| ˆ00x | –  | ˆ  | ff |    |    |    | ς  |    | ˆ0x |
| ˆ01x | ˆ  | Al | Hl | Ωl | A  |    | α  |    |     |
| ˆ02x | ,  | ˆ  | ł  | φ  | ˆ  | ϕ  | ς  | ʒ  | ˆ1x |
| ˆ03x | €  | ‰  | ə  | ʒ  | ˆ  | ˆ  | ˆ  | –  |     |
| ˆ04x | ˆ  | !  | ˆ  | ˆ  | ˆ  | %  | ˆ  | ˆ  | ˆ2x |
| ˆ05x | (  | )  | *  | +  | ,  | -  | ˆ  | /  |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | ˆ3x |
| ˆ07x | 8  | 9  | :  | ˆ  | ˆ  | =  | ˆ  | ;  |     |
| ˆ10x | ˆ  | A  | B  | ˆ  | Δ  | E  | Φ  | Γ  | ˆ4x |
| ˆ11x | H  | I  | Θ  | K  | Λ  | M  | N  | O  |     |
| ˆ12x | Π  | X  | P  | Σ  | T  | Y  | ˆ  | Ω  | ˆ5x |
| ˆ13x | Ξ  | Ψ  | Z  | [  | ˆ  | ]  | ˆ  | ˆ  |     |
| ˆ14x | ˆ  | α  | β  | ς  | δ  | ε  | φ  | γ  | ˆ6x |
| ˆ15x | η  | ι  | θ  | κ  | λ  | μ  | ν  | ο  |     |
| ˆ16x | π  | χ  | ρ  | ς  | τ  | υ  | f  | ω  | ˆ7x |
| ˆ17x | ξ  | ψ  | ζ  | «  | ˆ  | »  | ˆ  | —  |     |
| ˆ20x | à  | á  | â  | ã  | ä  | å  | ä  | ä  | ˆ8x |
| ˆ21x | á  | ă  | ă  | ă  | ă  | ă  | ă  | ă  |     |
| ˆ22x | ă  | ă  | ă  | F  | ă  | ă  | ă  | ˆ  | ˆ9x |
| ˆ23x | ı  | ı  | ı  | ı  | ı  | ı  | ı  | ı  |     |
| ˆ24x | «  | ı  | ı  | ı  | ı  | ı  | ı  | ı  | ˆAx |
| ˆ25x | ı  | ı  | ı  | ı  | ı  | ı  | ı  | ı  |     |
| ˆ26x | ı  | ó  | ó  | ó  | ó  | ó  | ó  | ó  | ˆBx |
| ˆ27x | ó  | ó  | ó  | ó  | ó  | ó  | ó  | ó  |     |
| ˆ30x | ó  | ó  | ó  | ó  | F  | ó  | ó  | ó  | ˆCx |
| ˆ31x | ;  | ı  | ı  | ı  | ı  | ı  | ı  | ı  |     |
| ˆ32x | ü  | ı  | ı  | ı  | ı  | ı  | ı  | ı  | ˆDx |
| ˆ33x | ü  | ı  | ı  | ı  | ı  | ı  | ı  | ı  |     |
| ˆ34x | ÿ  | é  | é  | é  | é  | ó  | ó  | ó  | ˆEx |
| ˆ35x | ö  | é  | é  | é  | é  | ó  | ó  | ó  |     |
| ˆ36x | ö  | ı  | ı  | ı  | ı  | ü  | ü  | ü  | ˆFx |
| ˆ37x | ü  | ı  | ı  | ı  | ı  | ı  | »  | ˆ  |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE | ˆF |     |

Test of font De-Gruyter-Sans-Regular-tlf-u (encoding U) on 24th May 2022 at 1226

|      | ˆ0  | ˆ1  | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|-----|-----|----|----|----|----|----|----|-----|
| ˆ00x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "0x |
| ˆ01x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ02x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "1x |
| ˆ03x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ04x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "2x |
| ˆ05x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ06x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "3x |
| ˆ07x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ10x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "4x |
| ˆ11x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ12x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "5x |
| ˆ13x | 8   | 9   |    |    |    |    |    | /  |     |
| ˆ14x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "6x |
| ˆ15x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ16x | 0   | 1   | 2  | 3  | 4  | 5  | 6  | 7  | "7x |
| ˆ17x | 8   | 9   |    |    |    |    |    |    |     |
| ˆ20x |     |     |    | ←  | →  | ←  | →  | ←  | "8x |
| ˆ21x | →   |     |    |    |    |    |    |    |     |
| ˆ22x |     |     | ■  |    |    |    |    |    | "9x |
| ˆ23x |     |     |    |    |    |    |    |    |     |
| ˆ36x |     |     |    |    |    |    |    |    | "Fx |
| ˆ37x | ffl | ffi | ff | fl | l  | fi | i  | f  |     |
|      | "8  | "9  | "A | "B | "C | "D | "E | "F |     |

Test of font De-Gruyter-Sans-Regular-tlf-2bs (encoding 2BS) on 24th May 2022 at 1226

|      | ˆ0              | ˆ1              | ˆ2              | ˆ3              | ˆ4             | ˆ5             | ˆ6             | ˆ7             |     |
|------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|-----|
| ˆ00x |                 |                 |                 |                 |                |                |                |                | "0x |
| ˆ01x |                 |                 |                 |                 |                |                | ↑              | ↓              |     |
| ˆ02x | -               | -               | -               | -               | —              | —              |                | =              | "1x |
| ˆ03x | ‘               | ’               | ,               | ˆ               | “              | ”              | „              | “              |     |
| ˆ04x | †               | ‡               | •               | ►               | •              | ..             | ...            | •              | "2x |
| ˆ05x |                 |                 | ┌               | ┐               | ↑              | ↓              | ↑              |                |     |
| ˆ06x | ‰               | ‱               | ’               | ”               | '''            | ˘              | ˆ              | ˜              | "3x |
| ˆ07x | ^               | <               | >               | ※               | !!             | ?              | —              | ˘              |     |
| ˆ10x | ˆ               | ˆ               | **              | -               | /              | [              | ]              | ??             | "4x |
| ˆ11x | ?!              | !?              | 7               | ¶               | ■              | ■              | *              | ;              |     |
| ˆ12x | ˆ               | *               | %               | ~               | ˆ              | *              | ˆ              | '''            | "5x |
| ˆ13x | ˆ               | ˆ               | :               | ˆ               | ≠              | :              | :              |                |     |
| ˆ14x |                 |                 |                 |                 |                | ↑              | ↓              | ↑              | "6x |
| ˆ15x | ↑               | ↑               | ↑               | 0               | 4              | 5              | 6              | 7              |     |
| ˆ16x | 8               | 9               | 0               | 1               | 2              | 3              | 4              | 5              | "7x |
| ˆ17x | 6               | 7               | 8               | 9               | €              | ₯              | №              | ©              |     |
| ˆ20x | ™               | Ω               | e               | 1/7             | 1/9            | 1/10           | 1/3            | 2/3            | "8x |
| ˆ21x | 1/5             | 2/5             | 3/5             | 4/5             | 1/6            | 5/6            | 1/8            | 3/8            |     |
| ˆ22x | 5/8             | 7/8             | 1/              | 0/3             | ←              | ↑              | →              | ↓              | "9x |
| ˆ23x | ↔               | ↑               | ↖               | ↗               | ↘              | ↙              | ∂              | Δ              |     |
| ˆ24x | ∏               | Σ               | -               | /               | •              | √              | ∞              | ∫              | "Ax |
| ˆ25x | ≈               | ≠               | ≤               | ≥               | •              | ⟨              | ⟩              | ℳ              |     |
| ˆ26x | ˆ <sub>H</sub>  | ˆ <sub>X</sub>  | ˆ <sub>X</sub>  | ˆ <sub>T</sub>  | ˆ <sub>Q</sub> | ˆ <sub>K</sub> | ˆ <sub>L</sub> | ˆ <sub>S</sub> | "Bx |
| ˆ27x | ˆ <sub>T</sub>  | ˆ <sub>F</sub>  | ˆ <sub>T</sub>  | ˆ <sub>F</sub>  | ˆ <sub>R</sub> | ˆ <sub>O</sub> | ˆ <sub>I</sub> | ˆ <sub>E</sub> |     |
| ˆ30x | ˆ <sub>C1</sub> | ˆ <sub>C2</sub> | ˆ <sub>C3</sub> | ˆ <sub>C4</sub> | ˆ <sub>A</sub> | ˆ <sub>N</sub> | ˆ <sub>B</sub> | ˆ <sub>N</sub> | "Cx |
| ˆ31x | ˆ <sub>H</sub>  | ˆ <sub>B</sub>  | ˆ <sub>C</sub>  | ˆ <sub>S</sub>  | ˆ <sub>S</sub> | ˆ <sub>S</sub> | ˆ <sub>S</sub> | ˆ <sub>P</sub> |     |
| ˆ32x | ˆ <sub>L</sub>  | ˆ               | ˆ               | ˆ <sub>L</sub>  | ˆ              | ?              | ■              | □              | "Dx |
| ˆ33x | ˆ               | ˆ               | ˆ               | ˆ               | ˆ              | ○              | ●              | ∞              |     |
| ˆ34x | ←               | ↑               | →               | ↓               | ↔              | ↕              | ↖              | ↗              | "Ex |
| ˆ35x | ↘               | ↙               | ←               | ↑               | →              | ↓              | ↔              | ↕              |     |
| ˆ36x | ↖               | ↗               | ↘               | ↙               |                |                |                |                | "Fx |
| ˆ37x |                 |                 |                 |                 |                |                |                |                |     |
|      | "8              | "9              | "A              | "B              | "C             | "D             | "E             | "F             |     |

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5  | ˆ6  | ˆ7 |     |
|------|----|----|----|----|----|-----|-----|----|-----|
| ˆ00x | Á  | Ă  | Ȧ  | Ȧ  | Ȧ  | Æ   | Æ   | Æ  | ˆ0x |
| ˆ01x | Æ  | Æ  | Æ  | Æ  | Á  | Ç   | Ç   | Ó  |     |
| ˆ02x | É  | Ë  | Ê  | Ë  | È  | Ë   | Ë   | Ë  | ˆ1x |
| ˆ03x | ƒ  | ƒ  | ƒ  | ƒ  | ƒ  | ƒ   | ƒ   | ƒ  |     |
| ˆ04x | Ĵ  | Ĵ  | Ĵ  | Ĵ  | Ĵ  | Ĵ   | Ĵ   | Ĵ  | ˆ2x |
| ˆ05x | Ń  | Ō  | Ô  | Ô  | Ô  | Œ   | Œ   | Œ  |     |
| ˆ06x | Ɛ  | Ɔ  | Ɔ  | ƒ  | ƒ  | Ú   | Ŭ   | Ŭ  | ˆ3x |
| ˆ07x | Ũ  | Ũ  | Ũ  | Ũ  | Ũ  | Ũ   | Ũ   | Ũ  |     |
| ˆ10x | Ũ  | Ũ  | Ũ  | Ũ  | Ũ  | Ũ   | Ũ   | Ũ  | ˆ4x |
| ˆ11x | Ò  | á  | ă  | â  | ä  | â   | ă   | ă  |     |
| ˆ12x | ă  | ă  | ă  | æ  | æ  | æ   | æ   | æ  | ˆ5x |
| ˆ13x | æ  | æ  | á  | ă  | ç  | ç   | đ   | é  |     |
| ˆ14x | é  | ê  | ě  | ē  | ē  | ē   | ē   | ē  | ˆ6x |
| ˆ15x | è  | ě  | ę  | ę  | ę  | ƒ   | ƒ   | ƒ  |     |
| ˆ16x | ĥ  | í  | ĩ  | í  | í  | ĩ   | ĩ   | ĩ  | ˆ7x |
| ˆ17x | ĵ  | Ĵ  | Ĵ  | ĵ  | Ĵ  | Ĵ   | Ĵ   | Ĵ  |     |
| ˆ20x | ŋ  | ŋ  | ŋ  | ŋ  | ŋ  | ŋ   | ŋ   | ŋ  | ˆ8x |
| ˆ21x | ô  | ô  | ô  | ô  | ô  | ô   | ô   | ô  |     |
| ˆ22x | œ  | œ  | Ɛ  | Ɛ  | Ɛ  | Ɛ   | Ɛ   | Ɛ  | ˆ9x |
| ˆ23x | ƒ  | ƒ  | ƒ  | ƒ  | ƒ  | ƒ   | ƒ   | ƒ  |     |
| ˆ24x | ŭ  | ŭ  | ŭ  | ŭ  | ŭ  | ŭ   | ŭ   | ŭ  | ˆAx |
| ˆ25x | ŭ  | ŭ  | ŭ  | ŭ  | ŭ  | ŭ   | ŭ   | ŭ  |     |
| ˆ26x | ŷ  | ŷ  | ŷ  | ŷ  | ŷ  | ŷ   | ŷ   | ŷ  | ˆBx |
| ˆ27x | ö  | ä  | ä  | ē  | ē  | ĩ   | ĩ   | ĩ  |     |
| ˆ30x | ĵ  | ŋ  | ô  | ŕ  | ŭ  | ŭ   | ŭ   | ŭ  | ˆCx |
| ˆ31x | ŵ  | ŵ  | ŵ  | ŵ  | ę  | Ó   | ó   | Ŏ  |     |
| ˆ32x | ŏ  | Œ  | œ  | Ŏ  | ŏ  | Ĵ   | Ĵ   | e  | ˆDx |
| ˆ33x | α  | ˆ  | Ũ  | Ĉ  | ff | ffi | ffl |    |     |
| ˆ34x |    |    |    |    |    |     |     |    | ˆEx |
| ˆ35x |    |    |    |    |    |     |     |    |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD  | ˆE  | ˆF |     |

Test of font De-Gruyter-Sans-Regular-tlf-oml (encoding OML) on 24th May 2022 at 1226

|      | ˆ0 | ˆ1 | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|----|----|----|----|----|----|----|----|-----|
| ˆ00x | Г  | Δ  | Θ  | Λ  | Ξ  | Π  | Σ  | Υ  | ˆ0x |
| ˆ01x | Φ  | Ψ  | Ω  | α  | β  | γ  | δ  | ε  |     |
| ˆ02x | ζ  | η  | θ  | ι  | κ  | λ  | μ  | ν  | ˆ1x |
| ˆ03x | ξ  | π  | ρ  | σ  | τ  | υ  | φ  | χ  |     |
| ˆ04x | ψ  | ω  | ε  | ϑ  | ϖ  | ϱ  | ς  | φ  | ˆ2x |
| ˆ05x |    |    |    |    |    |    |    |    |     |
| ˆ06x | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | ˆ3x |
| ˆ07x | 8  | 9  | .  | ,  | <  | /  | >  | *  |     |
| ˆ10x | ∂  | A  | B  | C  | D  | E  | F  | G  | ˆ4x |
| ˆ11x | H  | I  | J  | K  | L  | M  | N  | O  |     |
| ˆ12x | P  | Q  | R  | S  | T  | U  | V  | W  | ˆ5x |
| ˆ13x | X  | Y  | Z  |    |    |    |    |    |     |
| ˆ14x | ℓ  | a  | b  | c  | d  | e  | f  | g  | ˆ6x |
| ˆ15x | h  | i  | j  | k  | l  | m  | n  | o  |     |
| ˆ16x | p  | q  | r  | s  | t  | u  | v  | w  | ˆ7x |
| ˆ17x | x  | y  | z  | ı  | J  | ø  |    | ˆ  |     |
|      | ˆ8 | ˆ9 | ˆA | ˆB | ˆC | ˆD | ˆE | ˆF |     |

|      | ˆ0  | ˆ1  | ˆ2 | ˆ3 | ˆ4 | ˆ5 | ˆ6 | ˆ7 |     |
|------|-----|-----|----|----|----|----|----|----|-----|
| ˆ00x | –   | ·   | ×  | *  | ÷  |    | ±  |    | ˆ0x |
| ˆ01x |     |     |    |    |    | ○  |    | •  |     |
| ˆ02x |     |     |    |    | ≤  | ≥  |    |    | ˆ1x |
| ˆ03x | ~   | ≈   |    |    |    |    |    |    |     |
| ˆ04x | ←   | →   | ↑  | ↓  | ↔  | ↗  | ↘  |    | ˆ2x |
| ˆ05x |     |     |    |    |    | ↖  | ↙  |    |     |
| ˆ06x | '   | ∞   |    |    |    |    | /  |    | ˆ3x |
| ˆ07x |     |     | ¬  | ∅  | ℔  | ℑ  |    |    |     |
| ˆ10x | ℵ   | A   | B  | C  | D  | E  | F  | G  | ˆ4x |
| ˆ11x | H   | I   | J  | K  | L  | M  | N  | O  |     |
| ˆ12x | P   | Q   | R  | S  | T  | U  | V  | W  | ˆ5x |
| ˆ13x | X   | Y   | Z  |    |    |    |    |    |     |
| ˆ14x |     |     | L  | J  | Γ  | ⌋  | {  | }  | ˆ6x |
| ˆ15x | ⟨   | ⟩   |    |    | ‡  |    | \  |    |     |
| ˆ16x | √   |     |    | ∫  |    |    |    |    | ˆ7x |
| ˆ17x | §   | †   | ‡  | ¶  |    | ◇  |    |    |     |
| ˆ36x |     |     |    |    |    |    |    |    | ˆFx |
| ˆ37x | ffi | ffi | ff | fl | l  | fi | i  | f  |     |
|      | ˆ8  | ˆ9  | ˆA | ˆB | ˆC | ˆD | ˆE | ˆF |     |