

ESSTIX FONTS

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This distribution contains the PostScript versions (in .pfb format) of the original ESSTIX fonts in Adobe Standard Encoding, together with the associated .afm files. The fonts have not been modified in any way.

According to the original documentation:

“The characters in these fonts are those as contained in the Documentation of the Elsevier Science Article DTD, Version 3.0.0, Grid Table B: Symbols. The signs \cdot $-$ $+$ \dots are situated in the middle of a height of 1000 PostScript units, i.e., approximately in the center of the lower case characters without ascenders and descenders. Put next to a horizontal fraction line they will form a uniform line therewith. All other signs, as far as their forms permit, are symmetrical to this center line, e.g., \cdot $=$ $-$ $<$ $+$ \times ∞ . The signs are mainly on a width of 1000 PostScript units, with a right- and left-hand bearing of 170 units. The horizontal arrows in font ESSTIX-One are on a width of 1200 units.”

In each font, the useful glyphs are in the ranges 33–126 and 161–184.

The descriptions below are copied with slight modifications from the original descriptions, though parts of the original that do not pertain to TeX have been omitted.

Font *ESSTIX-One* contains the following characters (shown at 12pt):

Font *ESSTIX-Two* contains:

Font *ESSTIX-Three* contains:

Font *ESSTIX-Four* contains:

Font *ESSTIX-Five* contains:

Note that the dashes in decimal positions 75 and 76 are a minus and a bold minus sign respectively. The glyphs in positions 81 and 82 are EN-dash and EM-dash. The characters in positions 93–116 are chemical bonds. Insofar as these bonds resemble operation signs, the difference is that the bonds have smaller right- and left-hand bearings, e.g., a – b (minus sign), H–O (single bond).

Font *ESSTIX-Six* contains a number of ‘oversized’ characters:

Font *ESSTIX-Seven* contains ‘oversized’ fences:

○[]{}<>[[[]]]/[[]]{}<>[[[]]]/[[]]{}<>

Font *ESSTIX-Eight* contains pieces for assembling horizontally or vertically:

A diagram of a 1D lattice with 10 sites. The lattice consists of horizontal arrows pointing right, with some arrows pointing left at specific sites. The first site has a downward arrow. The second site has an upward arrow. The third site has a downward arrow. The fourth site has an upward arrow. The fifth site has a downward arrow. The sixth site has an upward arrow. The seventh site has a downward arrow. The eighth site has an upward arrow. The ninth site has a downward arrow. The tenth site has an upward arrow. There is a vertical double-headed arrow between the second and third sites. There is a vertical double-headed arrow between the fifth and sixth sites. There is a vertical double-headed arrow between the eighth and ninth sites. There is a vertical double-headed arrow between the tenth and eleventh sites. There is a vertical double-headed arrow between the eleventh and twelfth sites.

Font *ESSTIX-Nine* contains an inclined mathematical Greek:

ΦΓΨΛΠΘΣΩΝΘΞΥΟ **αβχδεφγη** **ιψκλμνοπθρστωδθξυζ**

Font *ESSTIX-Ten* contains an upright mathematical Greek:

ΘΙΣΕΦΦΑΛΚΩΔ ΦΓΨΛΠΘΣΩΝΘΞΥΨΑΒΧΔΕΦΓΗ ΙΨΚΛΜΝΟΠΘΡΣΤΩΔΦΞΥΖ

Font *ESSTIX-Eleven* contains a bold inclined mathematical Greek:

ΦΙΛΟΣΟΦΙΑ ΚΑΙ ΘΕΟΛΟΓΙΑ

Font *ESSTIX-Twelve* contains a bold mathematical Greek:

ΦΓΨΛΠΘΣΩΝΘΞΥΒαβχδεφγη ιψκλμνοπθρστωδθξυζ

Font *ESSTIX-Thirteen* contains a capital and lower case script:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z

Font *ESSTIX-Fourteen* contains open caps and figures, four Hebrew characters, and an italic and bold italic ‘round-bottom vee’:

0123456789DNQRABCD
EFGHIJKLMNOPQRSTUVWXYZ גַּדְבָּא אַ
vv

Font *ESSTIX-Fifteen* contains capital and lower case fraktur (German) characters:

Font *ESSTIX-Sixteen* contains phonetic characters:

յասաթեգոյիկլոյթիտևավայշ. ՀՀՀԺԺԺ
Էծպիւրիւր: Աշմաց- Բկաղջ, Ետսա Տզա
ՅՅ- Ճդլնչուրէուցեցիլ
պաՓլութ, Ե/ / / /

Font *ESSTIX-Seventeen* also contains phonetic characters, as well as non-standard accents like the triple and quadruple dot accents and a bold dot accent (pos. 97–99). There are a number of signs to form accents over more than one character (pos. 84, 108, 109). These signs are suitable for ‘stretching’. Pieces to form accents over more than one character are in pos. 100–105.

Ճաշկերպության մասին օրենքը հայտադրություն է գործադրության մեջ: