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The Pigpen Cipher for TeX 0.3

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1 The Pigpen cipher

The TeX Pigpen cipher font is a small hack[1] to type the so-called masonic cipher, or Freemason's cipher, which is a simple substitution cipher based on a grid. A 3x3 grid is filled with the letters A to I and J to R.

A	B	C
D	E	F
G	H	I

J.	K.	L.
M.	N.	O.
P.	Q.	R.

```
        S              W.
   T    ×    U    X.    ×    Y.
        V              Z.
```

```
   ⌟  ⊔  ∟        ⌞⌟  ⊔⌞  ∟⌞
   ⊐  □  ⊏        ⊐⌞  ⊡  ⊏⌞
   ⌝  ⊓  Γ        ⌝⌞  ⊓⌞  Γ⌞
      ∨                 ∨
  >   ×   <        >    ×    <
      ∧                 ∧
```

The letters in this grid are simply replaced by the inner edges of their box within the grid. The subset of letters J to R is marked by a dot.

The letters S, T, U and V are arranged in the four quadrants of an X, the letters W, X, Y and Z follow this arragement but are marked with a dot. Again, the letters are substituted by the inner edges of their respective corner.

2 Usage

In the preamble of a LaTeX 2$_\varepsilon$ document, the package is declared by saying `\usepackage{pigpen}`. Options are not available. There is only one user command, `\pigpenfont`:

∟⌞<∟⌟∨   {\pigpenfont LUCAS}

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[1] The TeX Pigpen cipher was inspired by a discussion on `comp.text.tex` in December 2008.