

KKsymbols** Package Documentation**

Kosei Kawaguchi a.k.a. KKTeX

Version 2.0.0 (2025/12/23)

目次

1	Outline in Japanese	3
2	Acknowledgements / Credit	4
3	Installation	4
4	Caution	4
5	Commands	4
5.1	The maru series	5
6	The seihou series	6
7	The kakko series	8
8	License	8
9	Version History	9
10	Source Code	9

1 Outline in Japanese

このパッケージは、既存の otf フォントに頼ることなく、「任意のフォント、任意の引数で」丸数字などの特殊記号を再現する目的で作成されています。

`luatexja-otf` における`\ajMaru`などは、その設計上いたしかなないデメリットとして、早見表がないと使い物にならないというものがありました。しかし、本パッケージでは、一から特殊文字を設計し直すという取り組みを行なっているため、そのようなメリットが解消されています。

あ あ (あ) あ あ

The image consists of a grid of 26 rows by 26 columns. Each cell contains a single letter, either from the set {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} or from the set {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}. The letters are arranged in a repeating pattern across the grid. The first row contains the uppercase letters A through Z. The second row contains the lowercase letters a through z. This pattern repeats for all 26 rows.

```
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 ]
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 ]
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
[ 1 ] [ 2 ] [ 3 ] [ 4 ] [ 5 ] [ 6 ] [ 7 ] [ 8 ] [ 9 ] [ 10 ] [ 11 ] [ 12 ] [ 13 ] [ 14 ] [ 15 ] [ 16 ] [ 17 ] [ 18 ] [ 19 ] [ 20 ] [ 21 ] [ 22 ] [ 23 ] [ 24 ] [ 25 ] [ 26 ]
[ 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
```

2 Acknowledgements / Credit

In developing this package, I made extensive use of the advice I received from Yusuke Terada.

3 Installation

Place `KKsymbols.sty` in a directory where LaTeX can find it, e.g., your local `texmf` tree or alongside your document.

Dependencies:

- `LuaLaTeX-ja`
- `tikz`
- `clac`

Load the package:

```
\usepackage{KKsymbols}
```

4 Caution

Since this package internally calls `\ltjghostbeforejachar` and `\ltjghostafterjachar`, it can be used only in a LuaLaTeX environment.

5 Commands

5.1 The maru series

This package provides `\maru`, `\kuromaru`, and `\nmaru`. Each of them takes one mandatory argument and no optional arguments. You can pass strings of any length and in any font as arguments.

In most cases, `\maru{argument}` will meet your demands. However, only when you take lowercase alphabet in these commands, you must use star-command just like `\maru*{m}`.

They are used as follows.

表 1: maru series

argument	<code>\maru</code>	<code>\kuromaru</code>	<code>\nmaru</code>	<code>\jegg</code>	<code>\jegg*</code>
1	①	❶	①	①	❶
97	❾	❾	❾	❾	❾
だ	だ	だ	だ	だ	だ
ばばば	ばばば	ばばば	ばばば	ばばば	ばばば
m	m	m	m	m	m
Qjg	Qjg	Qjg	Qjg	Qjg	Qjg

They behave as if they were single kanji or hiragana characters:

あいう❾あいう①②③あいうえお

The spacing between `\maru` and other characters is adjusted using `\ltjghostbeforejachar` and `\ltjghostafterjachar` so that it behaves like hiragana or kanji.

Naturally, these commands also work correctly in vertical writing environments. But only when they include math-mode (in vertical mode), they don't work correctly.

When changing the font size using commands such as `\Large`, each command is scaled proportionally according to the font size change:
◎

●

●●

●●●

龟

❀❀❀

2222

龜

You can also change the current font:

かわ

午後

悟

かわ

午後

悟

6 The seihou series

The commands introduced below are used in exactly the same way as the maru series. In most cases, `\seihou{argument}` will meet your demands. However, only when you take lowercase alphabet in these commands, you must use star-command just like `\seihou*{m}`.

表 2: seihou series

argument	\seihou	\kuroseihou
1	1	1
97	97	97
だ	だ	だ
ばばば	babababa	babababa
m	m	m
Qjg	Qjg	Qjg

表 3: seimaru series

argument	\seimaru	\kuroseimaru
1	1	1
97	97	97
だ	だ	だ
ばばば	babababa	babababa
m	m	m
Qjg	Qjg	Qjg

表 4: hishi series

argument	\hishi	\kurohishi	\maruhishi	\kuromaruhishi
1	◆	◆	◆	◆
97	◆	◆	◆	◆
だ	◆	◆	◆	◆
ばばば	◆	◆	◆	◆
m	◆	◆	◆	◆
Qjg	◆	◆	◆	◆

7 The kakko series

The commands introduced below are used in exactly the same way as the maru series.

In most cases, `\kakko{argument}` will meet your demands. However, only when you take lowercase alphabet in these commands, you must use star-command just like `\kakko*{m}`.

表 5: kakko series ①

argument	<code>\kakko</code>	<code>\sumikakko</code>	<code>\kakukakko</code>	<code>\kikakko</code>	<code>\ykakko</code>
1	(1)	[1]	[1]	[1]	⟨1⟩
97	(97)	[97]	[97]	[97]	⟨97⟩
だ	(だ)	[だ]	[だ]	[だ]	⟨だ⟩
ばばば	(ばばば)	[ばばば]	[ばばば]	[ばばば]	⟨ばばば⟩
m	(m)	[m]	[m]	[m]	⟨m⟩
Qjg	(Qjg)	[Qjg]	[Qjg]	[Qjg]	⟨Qjg⟩

表 6: kakko series ②

argument	<code>\nykakko</code>	<code>\namikakko</code>	<code>\kagikakko</code>	<code>\nkagikakko</code>	<code>\period</code>	<code>\ichimoji</code>
1	⟨1⟩	{1}	「1」	『1』	1.	1
97	⟨97⟩	{97}	「97」	『97』	97.	97
だ	⟨だ⟩	{だ}	「だ」	『だ』	だ.	だ
ばばば	⟨ばばば⟩	{ばばば}	「ばばば」	『ばばば』	ばばば.	ばばば
m	⟨m⟩	{m}	「m」	『m』	m.	m
Qjg	⟨Qjg⟩	{Qjg}	「Qjg」	『Qjg』	Qjg	Qjg

8 License

Released under the [LaTeX Project Public License \(LPPL\) 1.3c](#).

9 Version History

- **v1.0.0 (2025/10/03)** — Initial public release.
- **v1.0.1 (2025/10/04)** — Added `\slowcare`, and adjusted `\dccare`.
- **v1.0.2 (2025/10/05)** — Fixed a problem related to dependency environments.
- **v1.0.3 (2025/10/12)** — Fixed a problem related to maru series.
- **v1.0.4 (2025/10/18)** — Added `\ichimoji` command.
- **v1.1.0 (2025/10/28)** — Unify all commands to zenkaku width.
- **v1.1.1 (2025/11/10)** — Modified the scaling system of `\ichimoji`.
- **v2.0.0 (2025/12/23)** — Renewed every scaling system in order to make the outputs very close to oft characters.

10 Source Code

```
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage[KKsymbols]{2025/12/23, Version 2.0.0]
\RequirePackage{luatexja-adjust}
\RequirePackage{expl3}
\RequirePackage{calc}
\RequirePackage{tikz}
\usetikzlibrary{shapes}

\DeclareRobustCommand{\maru}{%
  \@ifstar{\maru@new@no}{\maru@new}%
}

\DeclareRobustCommand{\kuromaru}{%
  \@ifstar{\kuromaru@new@no}{\kuromaru@new}%
}

\DeclareRobustCommand{\nmaru}{%
  \@ifstar{\nmaru@new@no}{\nmaru@new}%
}
```

```

\DeclareRobustCommand{\jegg}{%
  \qquad\qquad\qquad\@ifstar{\jegg@new@black}{\jegg@new}%
}

\DeclareRobustCommand{\seihou}{%
  \qquad\qquad\qquad\@ifstar{\seihou@new@no}{\seihou@new}%
}

\DeclareRobustCommand{\kuroseihou}{%
  \qquad\qquad\qquad\@ifstar{\kuroseihou@new@no}{\kuroseihou@new}%
}

\DeclareRobustCommand{\seimaru}{%
  \qquad\qquad\qquad\@ifstar{\seimaru@new@no}{\seimaru@new}%
}

\DeclareRobustCommand{\kuroseimaru}{%
  \qquad\qquad\qquad\@ifstar{\kuroseimaru@new@no}{\kuroseimaru@new}%
}

\DeclareRobustCommand{\hishi}{%
  \qquad\qquad\qquad\@ifstar{\hishi@new@no}{\hishi@new}%
}

\DeclareRobustCommand{\kurohishi}{%
  \qquad\qquad\qquad\@ifstar{\kurohishi@new@no}{\kurohishi@new}%
}

\DeclareRobustCommand{\maruhishi}{%
  \qquad\qquad\qquad\@ifstar{\maruhishi@new@no}{\maruhishi@new}%
}

\DeclareRobustCommand{\kuromaruishi}{%
  \qquad\qquad\qquad\@ifstar{\kuromaruishi@new@no}{\kuromaruishi@new}%
}

\DeclareRobustCommand{\ichimoji}{%
  \qquad\qquad\qquad\@ifstar{\ichimoji@new@no}{\ichimoji@new}%
}

```

```

\DeclareRobustCommand{\kakko@y@internal}[1]{\kakko@byouga@internal{ (){}}
                                         {}{#1}}
\DeclareRobustCommand{\kakko@y@internal@no}[1]{\kakko@byouga@internal@no{()
                                         {}{} }{#1}}
\DeclareRobustCommand{\kakko@t@internal}[1]{\kakko@byouga@internal@tate{()
                                         {}{} }{#1}}
\DeclareRobustCommand{\kakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{()
                                         {}{} }{#1}}
\DeclareRobustCommand{\kakko}{%
    \@ifstar{\kakko@star}{\kakko@nostar}%
}
\newcommand{\kakko@star}[1]{%
    \ifnum\ltxjgetparameter{direction}=3\relax
        \kakko@t@internal@no{#1}%
    \else
        \kakko@y@internal@no{#1}%
    \fi
}
\newcommand{\kakko@nostar}[1]{%
    \ifnum\ltxjgetparameter{direction}=3\relax
        \kakko@t@internal@no{#1}%
    \else
        \kakko@y@internal@no{#1}%
    \fi
}

\DeclareRobustCommand{\sumikakko@y@internal}[1]{\kakko@byouga@internal{ []
                                         {}{#1}}}
\DeclareRobustCommand{\sumikakko@y@internal@no}[1]{\kakko@byouga@internal@no{ []
                                         {}{#1}}}
\DeclareRobustCommand{\sumikakko@t@internal}[1]{\kakko@byouga@internal@tate{ []
                                         {}{#1}}}
\DeclareRobustCommand{\sumikakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{ []
                                         {}{#1}}}
\DeclareRobustCommand{\sumikakko}{%
    \@ifstar{\sumikakko@star}{\sumikakko@nostar}%
}
\newcommand{\sumikakko@star}[1]{%
    \ifnum\ltxjgetparameter{direction}=3\relax
        \kakko@y@internal@tate@no{ []{} }{#1}%
    \else
        \kakko@y@internal@tate@no{ []{} }{#1}%
    \fi
}
\newcommand{\sumikakko@nostar}[1]{%
    \ifnum\ltxjgetparameter{direction}=3\relax
        \kakko@y@internal@tate@no{ []{} }{#1}%
    \else
        \kakko@y@internal@tate@no{ []{} }{#1}%
    \fi
}

```

```

\sumikakko@t@internal@no{#1}%
\else
\sumikakko@y@internal@no{#1}%
\fi
}
\newcommand{\sumikakko@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\sumikakko@t@internal{#1}%
\else
\sumikakko@y@internal{#1}%
\fi
}

\DeclareRobustCommand{\kakukakko@y@internal}[1]{\kakko@byouga@internal{%
}{}{#1}}
\DeclareRobustCommand{\kakukakko@y@internal@no}[1]{\kakko@byouga@internal@no
{ }{}{#1}}
\DeclareRobustCommand{\kakukakko@t@internal}[1]{\kakko@byouga@internal@tate{%
}{}{#1}}
\DeclareRobustCommand{\kakukakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{%
}{}{#1}}
\DeclareRobustCommand{\kakukakko}{%
\@ifstar{\kakukakko@star}{\kakukakko@nostar}%
}
\newcommand{\kakukakko@star}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\kakukakko@t@internal@no{#1}%
\else
\kakukakko@y@internal@no{#1}%
\fi
}
\newcommand{\kakukakko@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\kakukakko@t@internal{#1}%
\else
\kakukakko@y@internal{#1}%
\fi
}

\DeclareRobustCommand{\kikakko@y@internal}[1]{\kakko@byouga@internal{ }{}{#1}}

```

```

}{{#1}}
\DeclareRobustCommand{\kikakko@y@internal@no}[1]{\kakko@byouga@internal@no{ }
}{{#1}}
\DeclareRobustCommand{\kikakko@t@internal}[1]{\kakko@byouga@internal@tate{ }
}{{#1}}
\DeclareRobustCommand{\kikakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{ }
}{{#1}}
\DeclareRobustCommand{\kikakko}{%
\@ifstar{\kikakko@star}{\kikakko@nostar}%
}
\newcommand{\kikakko@star}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\kikakko@t@internal@no{#1}%
\else
\kikakko@y@internal@no{#1}%
\fi
}
\newcommand{\kikakko@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\kikakko@t@internal{#1}%
\else
\kikakko@y@internal{#1}%
\fi
}

\DeclareRobustCommand{\ykakko@y@internal}[1]{\kakko@byouga@internal{ <}{> }
}{{#1}}
\DeclareRobustCommand{\ykakko@y@internal@no}[1]{\kakko@byouga@internal@no{ <}{> }
}{{#1}}
\DeclareRobustCommand{\ykakko@t@internal}[1]{\kakko@byouga@internal@tate{ <}{> }
}{{#1}}
\DeclareRobustCommand{\ykakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{ <}{> }
}{{#1}}
\DeclareRobustCommand{\ykakko}{%
\@ifstar{\ykakko@star}{\ykakko@nostar}%
}
\newcommand{\ykakko@star}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\ykakko@t@internal@no{#1}%
\else
\ykakko@y@internal@no{#1}%
\fi
}

```

```

\ykakko@y@internal@no{#1}%
\fi
}
\newcommand{\ykakko@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\ykakko@t@internal{#1}%
\else
\ykakko@y@internal{#1}%
\fi
}

\DeclareRobustCommand{\nykakko@y@internal}[1]{\kakko@byouga@internal{ \langle\rangle }{#1}}
\DeclareRobustCommand{\nykakko@y@internal@no}[1]{\kakko@byouga@internal@no{ \langle\rangle }{#1}}
\DeclareRobustCommand{\nykakko@t@internal}[1]{\kakko@byouga@internal@tate{ \langle\rangle }{#1}}
\DeclareRobustCommand{\nykakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{ \langle\rangle }{#1}}
\DeclareRobustCommand{\nykakko}{%
\@ifstar{\nykakko@star}{\nykakko@nostar}%
}
\newcommand{\nykakko@star}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\nykakko@t@internal@no{#1}%
\else
\nykakko@y@internal@no{#1}%
\fi
}
\newcommand{\nykakko@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\nykakko@t@internal{#1}%
\else
\nykakko@y@internal{#1}%
\fi
}

\DeclareRobustCommand{\namikakko@y@internal}[1]{\kakko@byouga@internal{ \langle\rangle }{#1}}
\DeclareRobustCommand{\namikakko@y@internal@no}[1]{\kakko@byouga@internal@no{ \langle\rangle }{#1}}

```

```

{ }{} }{\#1}}
\DeclareRobustCommand{\namikakko@t@internal}[1]{\kakko@byouga@internal@tate{
    }{} }{\#1}}
\DeclareRobustCommand{\namikakko@t@internal@no}[1]{\
    \kakko@byouga@internal@tate@no{ }{} }{\#1}}
\DeclareRobustCommand{\namikakko}{%
    \@ifstar{\namikakko@star}{\namikakko@nostar}%
}
\newcommand{\namikakko@star}[1]{%
    \ifnum\ltjgetparameter{direction}=3\relax
        \namikakko@t@internal@no{\#1}%
    \else
        \namikakko@y@internal@no{\#1}%
    \fi
}
\newcommand{\namikakko@nostar}[1]{%
    \ifnum\ltjgetparameter{direction}=3\relax
        \namikakko@t@internal{\#1}%
    \else
        \namikakko@y@internal{\#1}%
    \fi
}

\DeclareRobustCommand{\kagikakko@y@internal}[1]{\kakko@byouga@internal{
    }{} }{\#1}}
\DeclareRobustCommand{\kagikakko@y@internal@no}[1]{\kakko@byouga@internal@no
    }{} }{\#1}}
\DeclareRobustCommand{\kagikakko@t@internal}[1]{\kakko@byouga@internal@tate{
    }{} }{\#1}}
\DeclareRobustCommand{\kagikakko@t@internal@no}[1]{\kakko@byouga@internal@tate@no{ }{} }{\#1}}
\DeclareRobustCommand{\kagikakko}{%
    \@ifstar{\kagikakko@star}{\kagikakko@nostar}%
}
\newcommand{\kagikakko@star}[1]{%
    \ifnum\ltjgetparameter{direction}=3\relax
        \kagikakko@t@internal@no{\#1}%
    \else
        \kagikakko@y@internal@no{\#1}%
    \fi
}

```

```

}

\newcommand{\kagikakko@nostar}[1]{%
  \ifnum\ltjgetparameter{direction}=3\relax
    \kagikakko@t@internal{#1}%
  \else
    \kagikakko@y@internal{#1}%
  \fi
}

\DeclareRobustCommand{\nkagikakko@y@internal}[1]{\kakko@byouga@internal{%
  『』 }{#1} }

\DeclareRobustCommand{\nkagikakko@internal@no}[1]{\
  kakko@byouga@internal@no{ 『』 }{#1} }

\DeclareRobustCommand{\nkagikakko@t@internal}[1]{\kakko@byouga@internal@tate
  { 『』 }{#1} }

\DeclareRobustCommand{\nkagikakko@t@internal@no}[1]{\
  kakko@byouga@internal@tate@no{ 『』 }{#1} }

\DeclareRobustCommand{\nkagikakko}{%
  \@ifstar{\nkagikakko@star}{\nkagikakko@nostar}%
}

\newcommand{\nkagikakko@star}[1]{%
  \ifnum\ltjgetparameter{direction}=3\relax
    \nkagikakko@t@internal@no{#1}%
  \else
    \nkagikakko@y@internal@no{#1}%
  \fi
}

\newcommand{\nkagikakko@nostar}[1]{%
  \ifnum\ltjgetparameter{direction}=3\relax
    \nkagikakko@t@internal{#1}%
  \else
    \nkagikakko@y@internal{#1}%
  \fi
}

\DeclareRobustCommand{\period@y@internal}[1]{\kakko@byouga@internal{\relax
  }{. }{#1} }

\DeclareRobustCommand{\period@y@internal@no}[1]{\kakko@byouga@internal@no{\\
  relax}{. }{#1} }

```

```

\DeclareRobustCommand{\period@t@internal}[1]{\kakko@byouga@internal@tate{\
    relax}{.}{\#1}}
\DeclareRobustCommand{\period@t@internal@no}[1]{\
    kakko@byouga@internal@tate@no{\relax}{.}{\#1}}
\DeclareRobustCommand{\period}{%
\@ifstar{\period@star}{\period@nostar}%
}
\newcommand{\period@star}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\period@t@internal@no{\#1}%
\else
\period@y@internal@no{\#1}%
\fi
}
\newcommand{\period@nostar}[1]{%
\ifnum\ltjgetparameter{direction}=3\relax
\period@t@internal{\#1}%
\else
\period@y@internal{\#1}%
\fi
}

```

```

% 全体で使用
\NewDocumentCommand{\shukushou@adj@new}{ m m m }{%
\ifdim #1 < #2%
\resizebox*{\width}{\#2}{\#3}%
\else%
\resizebox*{\#2}{\#2}{\#3}%
\fi%
}
\NewDocumentCommand{\shukushou@adj@new@no}{ m m m }{%
\ifdim #1 < #2%
#3%
\else%
\resizebox*{!}{\#2}{\#3}%
\fi%
}
\NewDocumentCommand{\RotYoko}{O{0}}{%
\def\KKsymbolsRot@val@y{\#1}%

```

```

}

\NewDocumentCommand{\RotTate}{O{90}}{%
  \def\KKsymbolsRot@val@t{\#1}%
}

\def\KKsymbolsRot@val@t{90}
\def\KKsymbolsRot@val@y{0}
\NewDocumentCommand{\rot@or@not@kksym}{O{}}
  \ifnum\ltjgetparameter{direction}=3
    \def\rot@kksym@tateyoko{\KKsymbolsRot@val@t}%
  \else
    \def\rot@kksym@tateyoko{\KKsymbolsRot@val@y}%
  \fi
}

%%%

% \maru
\NewDocumentCommand{\vertical@adj@maru@new}{O{}}
  \ifnum\ltjgetparameter{direction}=3
    -.5\zw%
  \else
    -.12\zw%
  \fi
}

\newlength{\maru@boxwidth@new}
\newlength{\maru@boxwidth@inner}
\newlength{\maru@var@yokohaba}
\newlength{\maru@var@yokohaba@cal}
\newlength{\maru@var@tate}
\newlength{\maru@var@fuka}
\newlength{\maru@var@zenkou}

\NewDocumentCommand{\shukushou@adj@new@no@maru}{m m m m }{%
  \ifdim #1 < #2%
    \ifdim #3 > #2%
      \resizebox*{#3}{!}{#4}%
    \else%
      \scalebox{.9}{#4}%
    \fi%
  \else%

```

```

\resizebox*{!}{#2}{#4}%
\fi%
}

\DeclareRobustCommand{\maru@new}[1]{%
\rot@or@not@kksym@%
\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{#1}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
(2)}%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vss%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
shape=circle,
line width=.04\maru@boxwidth@new,
minimum size=.9\maru@boxwidth@new,
draw,
inner sep=.02\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){};
\vbox to \maru@boxwidth@inner{%
\vss%
\hbox to \maru@boxwidth@inner{%
\hss%
\shukushou@adj@new{\maru@var@yokohaba}{\maru@boxwidth@inner}{#1}%
\hss%
};%
\vss%
};%
\hss%
};%
\hss%
};%
\vss%
}

```

```

}%
}%
}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\maru@new@no}[1]{%
  \rot@or@not@kksym%
  \setlength{\maru@boxwidth@new}{\zw}%
  \settowidth{\maru@var@yokohaba}{#1}%
  \settoheight{\maru@var@tate}{#1}%
  \settodepth{\maru@var@fuka}{#1}%
  \pgfmathsetlength{\maru@var@zenkou}{\maru@var@tate + \maru@var@fuka}%
  \pgfmathsetlength{\maru@var@yokohaba@cal}{0.85 * \maru@var@yokohaba}%
  \pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
    (2)}%
}

\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
  \raisebox{\vertical@adj@\maru@new}{%
    \vbox to \maru@boxwidth@new{%
      \vss%
      \hbox to \maru@boxwidth@new{%
        \hss%
        \tikz [baseline=(char.base)]{%
          \node [
            shape=circle,
            line width=.04\maru@boxwidth@new,
            minimum size=.9\maru@boxwidth@new,
            draw,
            inner sep=.02\maru@boxwidth@new,
            rotate=\rot@kksym@tateyoko
          ] (char){};
          \vbox to \maru@boxwidth@inner{%
            \vss%
            \hbox to \maru@boxwidth@inner{%
              \hss%
              \shukushou@adj@new@no@\maru{\maru@var@zenkou}{\maru@boxwidth@inner}{\maru@var@yokohaba@cal}{#1}%
              \hss%
            }%
            \vss%
          }%
        }%
      }%
    }%
  }%
}

```

```

}%
};

}%
\hss%
}%
\vs{}%
}%
}%
}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\kuromaru@new}[1]{%
\rot@or@not@kksym%
\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{#1}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
(2)}%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@\maru@new}{%
\vbox to \maru@boxwidth@new{%
\vs{}%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
shape=circle,
fill=black,%%%
line width=.04\maru@boxwidth@new,
minimum size=.9\maru@boxwidth@new,
draw,
inner sep=.02\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \maru@boxwidth@inner{%
\vs{}%
\hbox to \maru@boxwidth@inner{%
\hss%

```

```

\shukushou@adj@new{\maru@var@yokohaba}{\maru@boxwidth@inner}{%
  \textcolor{white}{#1}}%
\hss%
}%
\vs{%
}%
} ;
}%
\hss%
}%
\vs{%
}%
}%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\kuromaru@new@no}[1]{%
\rot@or@not@kksym%
\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{#1}%
\settoheight{\maru@var@tate}{#1}%
\settodepth{\maru@var@fuka}{#1}%
\pgfmathsetlength{\maru@var@zenkou}{\maru@var@tate + \maru@var@fuka}%
\pgfmathsetlength{\maru@var@yokohaba@cal}{0.85 * \maru@var@yokohaba}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
(2)}%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vs{%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
  shape=circle,
  fill=black,%%%
  line width=.04\maru@boxwidth@new,
  minimum size=.9\maru@boxwidth@new,
  draw,

```

```

inner sep=.02\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \maru@boxwidth@inner{%
\vss%
\hbox to \maru@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@maru{\maru@var@zenkou}{\maru@boxwidth@inner}{\maru@var@yokohaba@cal}{%
\textrcolor{white}{\#1}}%
\hss%
}%
}%
\vss%
}%
} ;
}%
\hss%
}%
}%
\hss%
}%
}%
}%
\ltjghostafterjachar%
}

```

```

\DeclareRobustCommand{\nmaru@new}[1]{%
\rot@or@not@kksym%
\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{\#1}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.85 * \maru@boxwidth@new / sqrt
(2)}%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vss%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%

```

```

\node[
    shape=circle,
    line width=.03\maru@boxwidth@new,
    minimum size=.88\maru@boxwidth@new,
    draw, double, double distance=.03\zw,%%%
    inner sep=.06\maru@boxwidth@new,
    rotate=\rot@kksym@tateyoko,
    scale=.87
] (char){%
    \vbox to \maru@boxwidth@inner{%
        \vss%
        \hbox to \maru@boxwidth@inner{%
            \hss%
            \shukushou@adj@new{\maru@var@yokohaba}{\maru@boxwidth@inner}{#1}%
            \hss%
        }%
        \vss%
    }%
    \hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\nmaru@new@no}[1]{%
    \rot@or@not@kksym%
    \setlength{\maru@boxwidth@new}{\zw}%
    \settowidth{\maru@var@yokohaba}{#1}%
    \settoheight{\maru@var@tate}{#1}%
    \settodepth{\maru@var@fuka}{#1}%
    \pgfmathsetlength{\maru@var@zenkou}{\maru@var@tate + \maru@var@fuka}%
    \pgfmathsetlength{\maru@var@yokohaba@cal}{0.85 * \maru@var@yokohaba}%
    \pgfmathsetlength{\maru@boxwidth@inner}{0.82 * \maru@boxwidth@new / sqrt
        (2)}%
    \ltjghostbeforejachar%
    \hbox to \maru@boxwidth@new{%

```

```

\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vss%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz [baseline=(char.base)]{%
\node[%
shape=circle,
line width=.03\maru@boxwidth@new,
minimum size=.88\maru@boxwidth@new,
draw, double, double distance=.03\zw,%%%
inner sep=.06\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko,
scale=.9
] (char){%}
\vbox to \maru@boxwidth@inner{%
\vss%
\hbox to \maru@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@maru{(\maru@var@zenkou){(\maru@boxwidth@inner}{(\maru@var@yokohaba@cal}{\#1}%
\hss%
}%
}%
\hss%
}%
}%
\hss%
}%
\vss%
}%
}%
}%
}%
}%
\ltjghostafterjachar%
}
}

\newlength{\jegg@boxwidth@inner@cal}%%%
\DeclareRobustCommand{\jegg@new}[1]{%
\rot@or@not@kksym%

```

```

\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{#1}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
(2)}%
\pgfmathsetlength{\jegg@boxwidth@inner@cal}{0.77 * \maru@boxwidth@inner
}%%%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vss%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
shape=ellipse,
line width=.04\maru@boxwidth@new,
minimum height=.9\maru@boxwidth@new,
minimum width=.7\maru@boxwidth@new,
draw,
inner sep=0\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \maru@boxwidth@inner{%
\vss%
\hbox to \jegg@boxwidth@inner@cal{%
\hss%
\shukushou@adj@new{\maru@var@yokohaba}{\jegg@boxwidth@inner@cal
}{#1}%
\hss%
}%
}%
\vss%
}%
};%
}%
\hss%
}%
\vss%
}%
}%

```

```

}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\jegg@new@black}[1]{%
\rot@or@not@kksym%
\setlength{\maru@boxwidth@new}{\zw}%
\settowidth{\maru@var@yokohaba}{#1}%
\pgfmathsetlength{\maru@boxwidth@inner}{0.87 * \maru@boxwidth@new / sqrt
(2)}%
\pgfmathsetlength{\jegg@boxwidth@inner@cal}{0.77 * \maru@boxwidth@inner
}%%%
\ltjghostbeforejachar%
\hbox to \maru@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \maru@boxwidth@new{%
\vss%
\hbox to \maru@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
shape=ellipse,
line width=.04\maru@boxwidth@new,
minimum height=.9\maru@boxwidth@new,
minimum width=.7\maru@boxwidth@new,
draw,
fill=black!70,
inner sep=0\maru@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \maru@boxwidth@inner{%
\vss%
\hbox to \jegg@boxwidth@inner@cal{%
\hss%
\shukushou@adj@new{\maru@var@yokohaba}{\jegg@boxwidth@inner@cal
}{#1}%
\hss%
}%
\vss%
}%
}%
};
```

```

}%
\hss%
}%
\hss%
}%
}%
\ltjghostafterjachar%
}

%%%


% \seihou
\NewDocumentCommand{\vertical@adj@seihou@new}{}
{%
\ifnum\ltjgetparameter{direction}=3
-.5\zw%
\else
-.12\zw%
\fi
}
\newlength{\seihou@boxwidth@new}
\newlength{\seihou@boxwidth@inner}
\newlength{\seihou@var@yokohaba@cal}
\newlength{\seihou@var@yokohaba}
\newlength{\seihou@var@tate}
\newlength{\seihou@var@fuka}
\newlength{\seihou@var@zenkou}

\NewDocumentCommand{\shukushou@adj@new@no@seihou}{ m m m m }{%
\ifdim #1 < #2%
\ifdim #3 > #2%
\resizebox*{#3}{!}{#4}%
\else%
\scalebox{.9}{#4}%
\fi%
\else%
\resizebox*{!}{#2}{#4}%
\fi%
}
}

```

```

\DeclareRobustCommand{\seihou@new}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
    line width=.04\seihou@boxwidth@new,
    minimum size=.85\seihou@boxwidth@new,
    draw,
    inner sep=.1\seihou@boxwidth@new,
    rotate=\rot@kksym@tateyoko
] (char){};
\hbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner
}{}%
\hss%
}%
\vss%
}%
};%
}%
\hss%
}%
\vss%
}%
}%
}%
}%
}%
\ltjghostafterjachar%
}

```

```

\DeclareRobustCommand{\seihou@new@no}[1]{%
  \rot@or@not@kksym%
  \setlength{\seihou@boxwidth@new}{\zw}%
  \settowidth{\seihou@var@yokohaba}{#1}%
  \settoheight{\seihou@var@tate}{#1}%
  \settodepth{\seihou@var@fuka}{#1}%
  \pgfmathsetlength{\seihou@var@zenkou}{\seihou@var@tate + \seihou@var@fuka}%
}%
\pgfmathsetlength{\seihou@var@yokohaba@cal}{0.85 * \seihou@var@yokohaba}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vs%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
  line width=.04\seihou@boxwidth@new,
  minimum size=.85\seihou@boxwidth@new,
  draw,
  inner sep=.1\seihou@boxwidth@new,
  rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \seihou@boxwidth@inner{%
\vs%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@seihou{\seihou@var@zenkou}{\seihou@boxwidth@inner}{\seihou@var@yokohaba@cal}{#1}%
\hss%
}%
}%
\vs%
}%
};%
}%
\hss%
}%
\vs%

```

```

}%
}%
}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\kuroseihou@new}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
line width=.04\seihou@boxwidth@new,
minimum size=.85\seihou@boxwidth@new,
draw,
fill=black,%%%
inner sep=.1\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
\textcolor{white}{#1}}%
\hss%
}%
}%
\vss%
}%
}%;%
}%
}

```



```

    \textcolor{white}{\#1} }%
\hss%
}%
\vs{%
}%
} ;
}%
\hss%
}%
\vs{%
}%
}%
\vs{%
}%
\ltjghost{after}{jachar}%
}
}

\DeclareRobustCommand{\seimaru@new}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{\#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghost{before}{jachar}%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vs{%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[%
line width=.04\seihou@boxwidth@new,
minimum size=.85\seihou@boxwidth@new,
draw,
rounded corners=.13\zw,%%%
inner sep=.1\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \seihou@boxwidth@inner{%
\vs{%

```

```

\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner
}{#1}%
\hss%
}%
\vs{%
}%
\hss%
}%
\hss%
}%
\vs{%
}%
\hss%
}%
\hss%
}%
\hss%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\seimaru@new@no}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\settoheight{\seihou@var@tate}{#1}%
\settodepth{\seihou@var@fuka}{#1}%
\pgfmathsetlength{\seihou@var@zenkou}{\seihou@var@tate + \seihou@var@fuka
}%
\pgfmathsetlength{\seihou@var@yokohaba@cal}{0.85 * \seihou@var@yokohaba}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vs{%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
line width=.04\seihou@boxwidth@new,
minimum size=.85\seihou@boxwidth@new,
draw,

```

```

rounded corners=.13\zw,%%%
inner sep=.1\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@seihou{\seihou@var@zenkou}{\seihou@boxwidth@inner}{\seihou@var@yokohaba@cal}{#1}%
\hss%
}%
}%
\vss%
}%
} ;
}%
\hss%
}%
\%\\vss%
}%
}%
}%
}%
\ltjghostafterjachar%
}

```

```

\DeclareRobustCommand{\kuroseimaru@new}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[%

```

```

line width=.04\seihou@boxwidth@new,
minimum size=.85\seihou@boxwidth@new,
draw,
fill=black,%%%
rounded corners=.13\zw,%%%
inner sep=.1\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
\textcolor{white}{\#1}}%
\hss%
}%
}%
\vss%
}%
} ;
}%
\hss%
}%
\vss%
}%
}%
}%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\kuroseimaru@new@no}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{\#1}%
\settoheight{\seihou@var@tate}{\#1}%
\settodepth{\seihou@var@fuka}{\#1}%
\pgfmathsetlength{\seihou@var@zenkou}{\seihou@var@tate + \seihou@var@fuka}%
}%
\pgfmathsetlength{\seihou@var@yokohaba@cal}{0.85 * \seihou@var@yokohaba}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.68 * \seihou@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%

```

```

\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
  line width=.04\seihou@boxwidth@new,
  minimum size=.85\seihou@boxwidth@new,
  draw,
  fill=black,%%%
  rounded corners=.13\zw,%%%
  inner sep=.1\seihou@boxwidth@new,
  rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@seihou{\seihou@var@zenkou}{%
  seihou@boxwidth@inner}{\seihou@var@yokohaba@cal}{%
    \textcolor{white}{\#1}}%
\hss%
}%
}%
\vss%
}%
};%
}%
\hss%
}%
\vss%
}%
}%
}%
}%
\ltjghostafterjachar%
}
}

\DeclareRobustCommand{\hishi@new}[1]{%
\rot@or@not@kksym%

```

```

\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
line width=.04\seihou@boxwidth@new,
minimum size=.5\seihou@boxwidth@new,
draw,
shape=diamond,
inner sep=.03\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner
}{#1}%
\hss%
}%
}%
\vss%
}%
};%
}%
\hss%
}%
\vss%
}%
}%
}%
\ltjghostafterjachar%
}

```

```

\DeclareRobustCommand{\hishi@new@no}[1]{%
  \rot@or@not@kksym%
  \setlength{\seihou@boxwidth@new}{\zw}%
  \settowidth{\seihou@var@yokohaba}{#1}%
  \settoheight{\seihou@var@tate}{#1}%
  \settodepth{\seihou@var@fuka}{#1}%
  \pgfmathsetlength{\seihou@var@zenkou}{(\seihou@var@tate + \seihou@var@fuka
    )*99}%
  \pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
  2}%
  \ltjghostbeforejachar%
  \hbox to \seihou@boxwidth@new{%
  \raisebox{\vertical@adj@maru@new}{%
  \vbox to \seihou@boxwidth@new{%
  \vss%
  \hbox to \seihou@boxwidth@new{%
  \hss%
  \tikz[baseline=(char.base)]{%
  \node[
  line width=.04\seihou@boxwidth@new,
  minimum size=.5\seihou@boxwidth@new,
  draw,
  shape=diamond,
  inner sep=.03\seihou@boxwidth@new,
  rotate=\rot@kksym@tateyoko
  ] (char){%}
  \vbox to \seihou@boxwidth@inner{%
  \vss%
  \hbox to \seihou@boxwidth@inner{%
  \hss%
  % これだけ他のやつと違うので注意！
  \shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner
  }{#1}%
  \hss%
  }%
  \vss%
  }%
  }%;%
  }%
  \hss%
}

```



```

    \vss%
}%
};

}%
\hss%
}%
\vss%
}%
}%
}%
}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\maruhishi@new@no}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\settoheight{\seihou@var@tate}{#1}%
\settodepth{\seihou@var@fuka}{#1}%
\pgfmathsetlength{\seihou@var@zenkou}{(\seihou@var@tate + \seihou@var@fuka
)*99}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
line width=.04\seihou@boxwidth@new,
minimum size=.5\seihou@boxwidth@new,
draw,
rounded corners=.06\zw,%%%
shape=diamond,
inner sep=.03\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%}
\vbox to \seihou@boxwidth@inner{%

```

```

\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
% これだけ他のやつと違うので注意！
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner
}{#1}%
\hss%
}%
\hss%
}%
\vss%
}%
\hss%
}%
\hss%
}%
\vss%
}%
}%
}%
}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\kurohishi@new}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
line width=.04\seihou@boxwidth@new,
minimum size=.5\seihou@boxwidth@new,
draw,

```

```

fill=black,%%%
shape=diamond,
inner sep=.03\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
\textcolor{white}{#1}}%
\hss%
}%
}%
\vss%
}%
} ;
}%
\hss%
}%
\vss%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\kurohishi@new@no}[1]{%
\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\settoheight{\seihou@var@tate}{#1}%
\settodepth{\seihou@var@fuka}{#1}%
\pgfmathsetlength{\seihou@var@zenkou}{(\seihou@var@tate + \seihou@var@fuka
)*99}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%

```

```

\hbox to \seihou@boxwidth@new{%
  \hss%
  \tikz[baseline=(char.base)]{%
    \node[
      line width=.04\seihou@boxwidth@new,
      minimum size=.5\seihou@boxwidth@new,
      draw,
      fill=black,%%
      shape=diamond,
      inner sep=.03\seihou@boxwidth@new,
      rotate=\rot@kksym@tateyoko
    ] (char){%}
    \vbox to \seihou@boxwidth@inner{%
      \vss%
      \hbox to \seihou@boxwidth@inner{%
        \hss%
        % これだけ他のやつと違うので注意 !
        \shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
          \textcolor{white}{#1}}%
        \hss%
      }%
      \vss%
    }%
    \hss%
  }%
  \vss%
}%
\hbox to \seihou@boxwidth@inner{%
  \vss%
}%
\hbox to \seihou@boxwidth@inner{%
  \vss%
}%
\hbox to \seihou@boxwidth@inner{%
  \vss%
}%
\ltjghostafterjachar%
}

```

```

\DeclareRobustCommand{\kuromaruhiishi@new}[1]{%
  \rot@or@not@kksym%
  \setlength{\seihou@boxwidth@new}{\zw}%
  \settowidth{\seihou@var@yokohaba}{#1}%
  \pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /

```

```

2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vs{%
\hbox to \seihou@boxwidth@new{%
\hs{%
\tikz[baseline=(char.base)]{%
\node[%
line width=.04\seihou@boxwidth@new,
minimum size=.5\seihou@boxwidth@new,
draw,
fill=black,%%%
rounded corners=.06\zw,%%%
shape=diamond,
inner sep=.03\seihou@boxwidth@new,
rotate=\rot@kksym@tateyoko
] (char){%
\vbox to \seihou@boxwidth@inner{%
\vs{%
\hbox to \seihou@boxwidth@inner{%
\hs{%
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
\textcolor{white}{#1}}%
\hs{%
}%
\vs{%
}%
\hs{%
}%
}%
};%
}%
\hs{%
}%
\vs{%
}%
}%
\hs{%
}%
\vs{%
}%
}%
\hs{%
}%
\vtjghostafterjachar%
}
\DeclareRobustCommand{\kuromaruishi@new@no}[1]{%

```

```

\rot@or@not@kksym%
\setlength{\seihou@boxwidth@new}{\zw}%
\settowidth{\seihou@var@yokohaba}{#1}%
\settoheight{\seihou@var@tate}{#1}%
\settodepth{\seihou@var@fuka}{#1}%
\pgfmathsetlength{\seihou@var@zenkou}{(\seihou@var@tate + \seihou@var@fuka
)*99}%
\pgfmathsetlength{\seihou@boxwidth@inner}{0.85 * \seihou@boxwidth@new /
2}%
\ltjghostbeforejachar%
\hbox to \seihou@boxwidth@new{%
\raisebox{\vertical@adj@maru@new}{%
\vbox to \seihou@boxwidth@new{%
\vss%
\hbox to \seihou@boxwidth@new{%
\hss%
\tikz[baseline=(char.base)]{%
\node[
    line width=.04\seihou@boxwidth@new,
    minimum size=.5\seihou@boxwidth@new,
    draw,
    fill=black,%%%
    rounded corners=.06\zw,%%%
    shape=diamond,
    inner sep=.03\seihou@boxwidth@new,
    rotate=\rot@kksym@tateyoko
] (char){%}
\ vbox to \seihou@boxwidth@inner{%
\vss%
\hbox to \seihou@boxwidth@inner{%
\hss%
% これだけ他のやつと違うので注意！
\shukushou@adj@new{\seihou@var@yokohaba}{\seihou@boxwidth@inner}{%
\textcolor{white}{#1}}%
\hss%
}%
}%
\vss%
}%
};%
}%
}

```

```

    \hss%
}
}%
\vs%
}%
}%
}%
\ltjghostafterjachar%
}

%%%


% \kakko
\newlength{\kakko@boxwidth@new}
\newlength{\kakko@boxwidth@inner}
\newlength{\kakko@var@yokohaba}
\newlength{\kakko@var@yokohaba@cal}
\newlength{\kakko@var@tate}
\newlength{\kakko@var@fuka}
\newlength{\kakko@var@zenkou}

\NewDocumentCommand{\shukushou@adj@new@no@kakko}{ m m m m }{%
\ifdim #1 < #2%
\ifdim #3 > #2%
\resizebox*{#3}{!}{#4}%
\else%
\scalebox{.9}{#4}%
\fi%
\else%
\resizebox*{!}{#2}{#4}%
\fi%
}

\DeclarerobustCommand{\kakko@byouga@internal}[3]{% 横の方
\setlength{\kakko@boxwidth@new}{\zw}%
\settoheight{\kakko@var@yokohaba}{#3}%
\pgfmathsetlength{\kakko@boxwidth@inner}{0.8 * \kakko@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \zw{\hss%
\scalebox{.63}[1]{\#1}\hspace*{-1\zw}%
\vbox to \kakko@boxwidth@inner{
```

```

\vss%
\hbox to \kakko@boxwidth@inner{%
\hss%
\shukushou@adj@new{\kakko@var@yokohaba}{\kakko@boxwidth@inner}{#3}%
\hss%
}%
\vss%
}%
\hspace*{-.1\zw}\scalebox{.63}[1]{#2}%
\hss}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\kakko@byouga@internal@no}[3]{% 横の方
\setlength{\kakko@boxwidth@new}{\zw}%
\settowidth{\kakko@var@yokohaba}{#3}%
\settoheight{\kakko@var@tate}{#3}%
\settodepth{\kakko@var@fuka}{#3}%
\pgfmathsetlength{\kakko@var@zenkou}{\kakko@var@tate + \kakko@var@fuka}%
\pgfmathsetlength{\kakko@var@yokohaba@cal}{0.9 * \kakko@var@yokohaba}%
\pgfmathsetlength{\kakko@boxwidth@inner}{0.8 * \kakko@boxwidth@new}%
\ltjghostbeforejachar%
\hbox to \zw{\hss%
\scalebox{.63}[1]{#1}\hspace*{-.1\zw}%
\vbox to \kakko@boxwidth@inner{%
\hss%
\hbox to \kakko@boxwidth@inner{%
\hss%
\shukushou@adj@new@no@kakko{\kakko@var@zenkou}{\kakko@boxwidth@inner}%
\hss}%
}%
\vss%
}%
\hss}%
}%
\hss}%
\ltjghostafterjachar%
}

\DeclareRobustCommand{\kakko@byouga@internal@tate}[3]{% 縦の方
\rot@or@not@kksym%
}

```

```

\ifnum\ltjgetparameter{direction}=3\pgfmathsetmacro{\rot@kksym@tateyoko}{\
    rot@kksym@tateyoko - 90}\fi%
\setlength{\kakko@boxwidth@new}{\zw}%
\settowidth{\kakko@var@yokohaba}{#3}%
\pgfmathsetlength{\kakko@boxwidth@inner}{0.8 * \kakko@boxwidth@new}%
\ltjghostbeforejachar%
\raisebox{-.5\zw}{%
\rotatebox[origin=c]{90}{%
\hbox to \zw{\hss}%
\vbox to \zw{\vss}%
\hbox to \zw{\hss}%
\scalebox{.63}[1]{\#1}\hspace*{-.1\zw}%
\vbox to \kakko@boxwidth@inner{%
\vss%
\hbox to \kakko@boxwidth@inner{%
\hss%
\raisebox{-1.2\zw}{%
\rotatebox[origin=c]{\rot@kksym@tateyoko}{%
\shukushou@adj@new{\kakko@var@yokohaba}{\kakko@boxwidth@inner}%
}{#3}%
}%
}%
\hss%
}%
\hss%
}%
\vss%
}%
\hspace*{-.1\zw}\scalebox{.63}[1]{\#2}\vspace*{.3\zw}%
\hss}%
\vss}%
\hss}%
}%
}%
\ltjghostafterjachar%
}
\DeclareRobustCommand{\kakko@byouga@internal@tate@no}[3]{% 縦の方
\rot@or@not@kksym%
\ifnum\ltjgetparameter{direction}=3\pgfmathsetmacro{\rot@kksym@tateyoko}{\
    rot@kksym@tateyoko - 90}\fi%
\setlength{\kakko@boxwidth@new}{\zw}%
\settowidth{\kakko@var@yokohaba}{#3}%

```

```

\settoheight{\kakko@var@tate}{#3}%
\settodepth{\kakko@var@fuka}{#3}%
\pgfmathsetlength{\kakko@var@zenkou}{\kakko@var@tate + \kakko@var@fuka}%
\pgfmathsetlength{\kakko@var@yokohaba@cal}{0.9 * \kakko@var@yokohaba}%
\pgfmathsetlength{\kakko@boxwidth@inner}{0.8 * \kakko@boxwidth@new}%
\ltjghostbeforejachar%
\raisebox{-.5\zw}{%
\rotatebox[origin=c]{90}{%
\hbox to \zw{\hss\%
\ vbox to \zw{\vss\%
\hbox to \zw{\hss\%
\scalebox{.63}[1]{\hspace*{-.1\zw}%
\ vbox to \kakko@boxwidth@inner{%
\ vss\%
\hbox to \kakko@boxwidth@inner{%
\hss\%
\raisebox{-1.6\zw}{%
\ vbox to \kakko@boxwidth@inner{%
\ vss\%
\hbox to \kakko@boxwidth@inner{%
\hss\%
\rotatebox[origin=c]{\rot@kksym@tateyoko}{%
\shukushou@adj@new@no@\kakko{\kakko@var@zenkou}{\kakko@boxwidth@inner}{\kakko@var@yokohaba@cal}{#3}%
}\hss}\vss\%
}%
\hss\%
}%
\hss\%
}%
\hss\%
\hspace*{-.1\zw}\scalebox{.63}[1]{\hspace*{.3\zw}%
\hss\%
\vss\%
\hss\%
}%
\hss\%
}%
\ltjghostafterjachar%
}%
%%%
```

```

% \ichimoji
\newlength{\ichimoji@yk@new}
\newlength{\ichimoji@ht@new}
\newlength{\ichimoji@dp@new}
\newlength{\ichimoji@zenkou@new}
\DeclareRobustCommand{\ichimoji@scaling}[1]{%
  \ifdim\ichimoji@yk@new > \zw%
    \pgfmathsetmacro{\ratio@ichimoji@yk}{\strip@pt\zw/\strip@pt\ichimoji@yk@new}%
    \scalebox{\ratio@ichimoji@yk}[1]{#1}%
  \else%
    #1%
  \fi%
}
\DeclareRobustCommand{\ichimoji@new}[1]{%
  \ifnum\ltjgetparameter{direction}=3%
    \ltjghostbeforejachar%
    \raisebox{-.5\zw}{\hbox to \zw {\hss%
      \vbox to \zw {\vss%
        \hbox to \zw {\hss%
          \resizebox*{\zw}{\zw}{#1}%
          \hss}%
        \vss}\hss}}%
    \ltjghostafterjachar%
  \else%
    \ltjghostbeforejachar%
    \raisebox{-.12\zw}{\hbox to \zw {\hss%
      \vbox to \zw {\vss%
        \hbox to \zw {\hss%
          \resizebox*{\zw}{\zw}{#1}%
          \hss}%
        \vss}\hss}}%
    \ltjghostafterjachar%
  \fi%
}
\DeclareRobustCommand{\ichimoji@new@no}[1]{%
  \settowidth{\ichimoji@yk@new}{#1}%
  \settoheight{\ichimoji@ht@new}{#1}%
  \settodepth{\ichimoji@dp@new}{#1}%
}

```

```

\pgfmathsetlength{\ichimoji@zenkou@new}{\ichimoji@ht@new + \
    \ichimoji@dp@new}%
\ifnum\ltjgetparameter{direction}=3%
    \ltjghostbeforejachar%
    \raisebox{-.5\zw}{\hbox to \zw {\hss%
        \vbox to \zw {\vss%
            \hbox to \zw {\hss%
                \ichimoji@scaling{#1}%
            \hss}%
        \vss}\hss}}%
    \ltjghostafterjachar%
\else%
    \ltjghostbeforejachar%
    \raisebox{-.12\zw}{\hbox to \zw {\hss%
        \vbox to \zw {\vss%
            \hbox to \zw {\hss%
                \ichimoji@scaling{#1}%
            \hss}%
        \vss}\hss}}%
    \ltjghostafterjachar%
\fi%
}%
%%%
\endinput

```