



```
% !TEX encoding = UTF-8 Unicode
% !TEX program = pdflatex
\documentclass[border = 1cm, tikz]{standalone}
\usepackage{tikz-3dplot}
\begin{document}
\makeatletter\let\oldpointxyz\pgfpointxyz
\def\elitexyz#1#2#3{
  \oldpointxyz{#1-\camerax}{#2-\cameray}{#3-\cameraz}%% 相機對準 (x,y,z)
  \pgfmathsetmacro\depth{\rcarot_\pgftemp@x%
    +\rcbrot_\pgftemp@y%
    +\rccrot_\pgftemp@z}
  \pgfmathsetlength\pgf@x{\pgf@x_\cameras/(\camerad-\depth)}%% s=放大率
  \pgfmathsetlength\pgf@y{\pgf@y_\cameras/(\camerad-\depth)}%% d = 距離
}\makeatother
\tdplotsetmaincoords{90-23}{120}% 視角
\def\camerax{0}\def\cameray{0}\def\cameraz{0}
\def\camerad{25}\def\cameras{10}% 相機中心、距離、倍率
\begin{tikzpicture}[tdplot_main_coords, line join=round, line cap=round]
\def\drawedges#1{
  \def\pgfpointxyz##1##2##3{\elitexyz#1}
  \foreach\s in{+,-}{
    \foreach\t in{+,-}{
      \foreach\u in{+,-}{
        \draw (\s6.1, \t9.87, 0) -- (0, \t6.1, \u9.87) ;
      }
    }
    \draw (\s9.87, 0, \s6.1) -- (\s9.87, 0, -\s6.1);
  }
}
\drawedges{{#1}{#2}{#3}}
\drawedges{{#2}{#3}{#1}}
\drawedges{{#3}{#1}{#2}}
\end{tikzpicture}
\end{document}
```