



```
% !TEX encoding = UTF-8 Unicode
% !TEX program = pdflatex
\documentclass{article}
\usepackage{tikz}
\usepackage{tikz-3dplot}
\begin{document}
\makeatletter
\let\oldpointxyz\pgfpointxyz
\def\pgfpointxyz#1#2#3{
\oldpointxyz{#1-\camerax}{#2-\cameray}{#3-\cameraz}%% (x,y,z) is camera center
\pgfmathsetmacro\depth{\rcarot_\pgftemp@x+\rcbrot_\pgftemp@y+\rccrot_\pgftemp@z}
\pgfmathsetlength\pgf@x{\pgf@x_\cameras/(\camerad-\depth)}%% camera scale and
\pgfmathsetlength\pgf@y{\pgf@y_\cameras/(\camerad-\depth)}%% camera distance
}
\makeatother
\tdplotsetmaincoords{90 - 23.5}{120}
\begin{tikzpicture}[tdplot_main_coords]
\def\h{16}
\def\w{10}
\def\camerax{5}\def\cameray{5}\def\cameraz{8}% 照片中心座標
\def\camerad{30}% 相機距離
\def\cameras{15}% 相機倍率
\fill [brown!90!black] % 上蓋
(0, 0, \h) -- (\w, 0, \h) -- (\w, \w, \h) -- (0, \w, \h) ;
\fill [brown!70!black] % 左板
(\w, 0, 0) --(\w, \w, 0) --(\w, \w, \h) --(\w, 0, \h) ;
\fill [brown!50!black] % 右板
(0, \w, 0) --(\w, \w, 0) --(\w, \w, \h) --(0, \w, \h) ;
\fill [black] % 黑帶
(\w, 0, \h*_9/11) -- (\w, \w, \h*_9/11) -- (0, \w, \h*_9/11) --
(0, \w, \h*_8/11) -- (\w, \w, \h*_8/11) -- (\w, 0, \h*_8/11) ;
\fill [black] % 黑帶
(\w, 0, \h*_6/11) -- (\w, \w, \h*_6/11) -- (0, \w, \h*_6/11) --
(0, \w, \h*_5/11) -- (\w, \w, \h*_5/11) -- (\w, 0, \h*_5/11) ;
\fill [black] % 黑帶
(\w, 0, \h*_3/11) -- (\w, \w, \h*_3/11) -- (0, \w, \h*_3/11) --
(0, \w, \h*_2/11) -- (\w, \w, \h*_2/11) -- (\w, 0, \h*_2/11) ;
\end{tikzpicture}
\end{document}
```