$$egin{array}{c} P & a & v \, e \ m \, a \, t \end{array}$$

This is the original matrix:

$$\begin{pmatrix}
1 & 2 & 3 \\
4 & 5 & 6 \\
7 & 8 & 9 \\
10 & 11 & 12
\end{pmatrix}$$

Let's add some dashed lines and fillings!

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \\ 10 & 11 & 12 \end{pmatrix}$$

It is possible to customize stroke of path segments!

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \\ 10 & 11 & 12 \end{pmatrix}$$

Turn debug on to see the hidden lines.

$$\begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \\ 10 & 11 & 12 \end{pmatrix}$$

With more paths, a default fill and a different delimiter.

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \\ \hline 10 & 11 & 12 \end{bmatrix}$$

You can also pass a math.mat to it instead of a math.equation. If you don't like WASD, you can just overwrite it, but be careful of case-sensitivity!