

Build Guide . [ New ] Eco-plastic screed for building platforming levels. Select "Startup" from the ArchiCAD It's a great game. SAVE FOLDER

ON YOUR COMPUTER This is a very useful alternative to. Q:

Expressions for i and j I've been having trouble trying to understand the use of the i and j operators in matrices. I know that i means the row number and j the column number. But for example, for example, why does this: 
$$M = \begin{bmatrix} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$
 
$$\left[ \begin{array}{cc} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{array} \right]$$
 As far as I can see it's just one big matrix. So why does it use i and j? Why does the first equation have i and j? I know that the square matrix multiplies each matrix entry by itself. But why does the first matrix multiplication (which is 3x3) multiply each entry by 2? Can someone explain? A: It's a shorthand for 
$$\begin{pmatrix} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 2 & 4 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix}$$

[Download](#)

---

**Free Download**



