

Input

0	1
2	3

Transposed
Conv

Kernel

0	1
2	3

Output

$$\begin{aligned}
 &= \begin{array}{|c|c|c|} \hline 0 & 0 & \\ \hline 0 & 0 & \\ \hline & & \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline & 0 & 1 \\ \hline & 2 & 3 \\ \hline & & \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline & & \\ \hline 0 & 2 & \\ \hline 4 & 6 & \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline & & \\ \hline & 0 & 3 \\ \hline & 6 & 9 \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 0 & 0 & 1 \\ \hline 0 & 4 & 6 \\ \hline 4 & 12 & 9 \\ \hline \end{array}
 \end{aligned}$$