$$
\begin{array}{lllllll}
y_1 & = x_{11} & + x_{12} & + x_{13} & + \dots & + x_{1(n-1)} & + x_{1n} \\
y_2 & = x_{21} & + x_{22} & + x_{23} & + \dots & + x_{2(n-1)} & + x_{2n} \\
\vdots & = \vdots & + \vdots & + \vdots & + \ddots & + \vdots & + \vdots \\
y_{n-1} & = x_{(n-1)1} & + x_{(n-1)2} & + x_{(n-1)3} & + \dots & + x_{(n-1)3} & + x_{(n-1)n} \\
y_n & = x_{n1} & + x_{n2} & + x_{n3} & + \dots & + x_{(n-1)(n-1)} & + x_{nn}
\end{array}
$$