$$\left\|\begin{array}{ccccccccccc}
a & b & c & d & e & f & g & h & i & j & \cdots \\
 & a & b & c & d & e & f & g & h & i & \cdots \\
 & & a & b & c & d & e & f & g & h & \cdots \\
 & & & a & b & c & d & e & f & g & \cdots \\
 & & & & \ddots & \ddots & \cdots & \cdots & \cdots & \cdots & \cdots
\end{array}\right\|$$