$$
\begin{pmatrix}
a(1,1) & a(2,1) & a(3,1) & a(4,1) & \\
a(1,2) & a(2,2) & a(3,2) & a(4,2) & etc. \\
a(1,3) & a(2,3) = x0 & a(3,3) & a(4,3) > a(3,4) & \\
a(1,4) & a(2,4) > x0 & a(3,4) < a(2,4)\& < a(2,5)\& > x0 & a(4,4) & etc. \\
a(1,5) & a(2,5) > a(2,4) & a(3,5) < a(2,5)\& < a(2,4)\& < a(3,6) & a(4,5) < a(4.6) & \\
a(1,6) & a(2,6) < a(2,5) & a(3,6) > a(2,5) & a(4,6) > a(3,6) & etc.
\end{pmatrix}
$$