current pixel	column neighbor
$(1 - \rho_i)(1 - \rho_j)$ $\begin{array}{c} \rho_j \\ \text{center} \bullet \\ & \rho_i \\ \text{location} \bullet \end{array}$	$(1-\rho_i)\rho_j$
$ ho_i(1- ho_j)$	$ ho_i ho_j$
row neighbor	diagonal neighbor