

$$\begin{aligned}
A &= \min_{a,e,f,h,i} (B[a,e,f,h] + C_{\boxtimes}[e,f-1,h,i-1]) \\
B[a,e,f,h] &= \min_{b,d} (C_{\boxtimes}[a,b-1,d,e-1] + C[b,d,f,h]) \\
C[b,d,f,h] &= \min_{c,g} (C_{\boxtimes}[c,d-1,g,h-1] + C_{\boxtimes}[b,c-1,f,g-1])
\end{aligned}$$