$$A = \min_{a,e,f,j,k} \left(B\left[a, e, f, j\right] + C_{\boxtimes}\left[e, f-1, j, k-1\right] \right)$$

$$B\left[a, e, f, j\right] = \min_{d,i} \left(C\left[a, d, f, i\right] + C_{\boxtimes}\left[d, e-1, i, j-1\right] \right)$$

$$C\left[a, d, f, i\right] = \min_{b,g} \left(D\left[b, d, g, i\right] + C_{\boxtimes}\left[a, b-1, f, g-1\right] \right)$$

$$D\left[b, d, g, i\right] = \min_{c,h} \left(C_{\boxtimes}\left[c, d-1, h, i-1\right] + C_{\boxtimes}\left[b, c-1, g, h-1\right] \right)$$