$$I'(x,y) = \sum_{\mathfrak{i}=\lfloor rac{-k}{2}
floor} \left[rac{\lfloor rac{k-1}{2}
floor}{\sum_{\mathfrak{j}=\lfloor rac{-k}{2}
floor}} I(x+\mathfrak{i},y+\mathfrak{j})
ight]$$