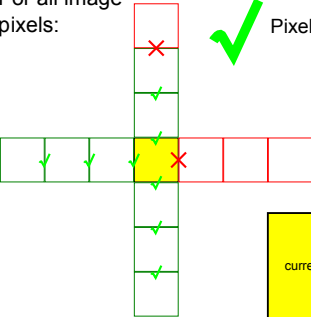


For all image  
pixels:

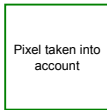


Pixels are neighbors

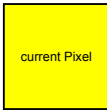
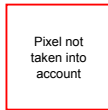


Pixels are not neighbors

2nd pixel == 0 or  
 $| \text{1st pixel} - \text{2nd pixel} | \geq 4$



count++;  
sum += pixel value;



$$= (\text{sum} + \text{currentPixel}) / (\text{count} + 1)$$