

As the window size increases, more smoothness is added to the image. When compared, the global histogram eq appears the smoothest with the best contrast.

The local method provides better contrast near the tree branches/leaves (high detail areas) in LC1 & LC2 and even at the ground in LC2.

LC1 - original



LC1 - Local histogram equalization (7 x 7)



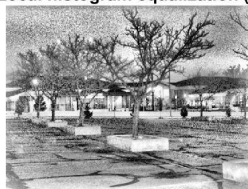
LC1 - Local histogram equalization (31 x 31)



LC1 - Local histogram equalization (51 x 51)



LC1 - Local histogram equalization (71 x 71)



LC1 - Global histogram equalization

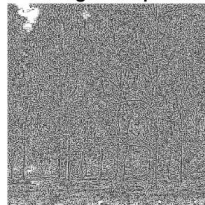


miro

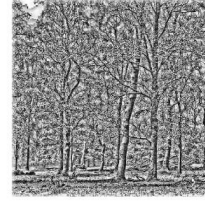
LC2 - original



LC2 - Local histogram equalization (7 x 7)



LC2 - Local histogram equalization (31 x 31)



LC2 - Local histogram equalization (51 x 51)



LC2 - Local histogram equalization (71 x 71)



LC2 - Global histogram equalization



miro