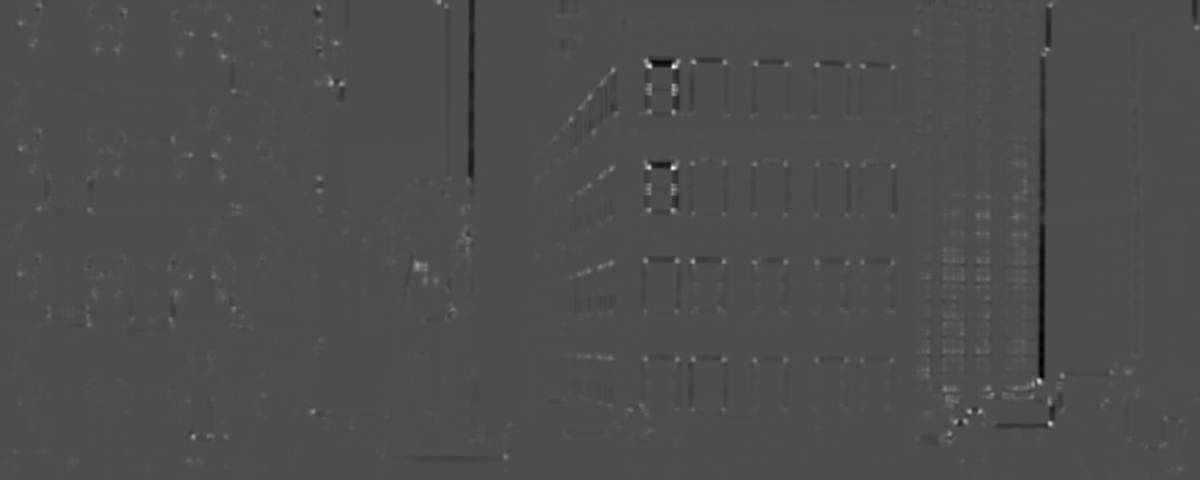
1a.



Harris method

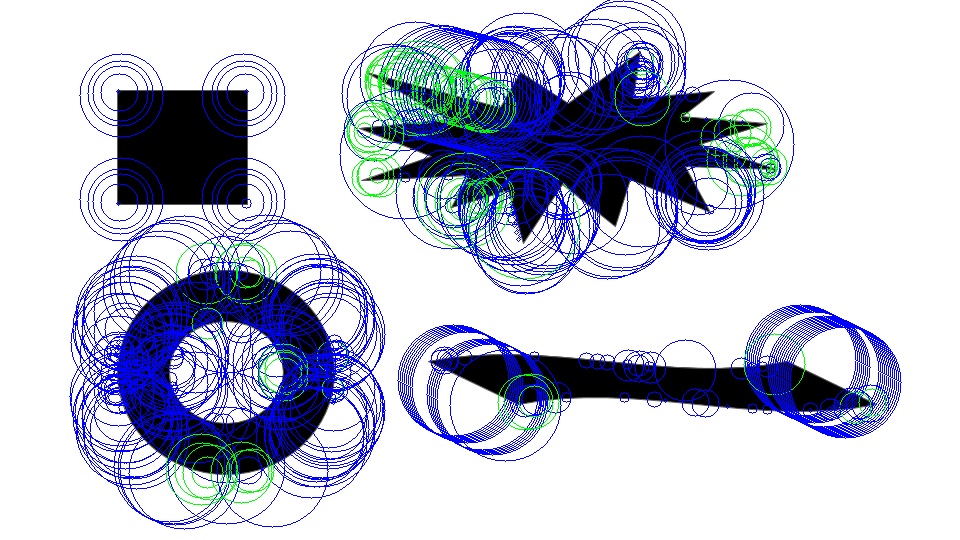


Brown method

Brown’s method is better than Harris method because Brown’s shows more corners and there are accurate.

1b. As r gets bigger, the number of corners decrease. This is because r increases, hence the area of non-maximum suppression increases. (i.e. choose only one corner from a larger area). The number of corners decreases.

|  |  |
| --- | --- |
| Nms\_Brown\_r=5 |  |
| Nms\_Brown\_r=10 |  |
| Nms\_Brown\_r=15 |  |
| Nms\_Brown\_r=20 |  |

1c. k=1.1, sigma=1.3, layers=40, threshold=20

1d.