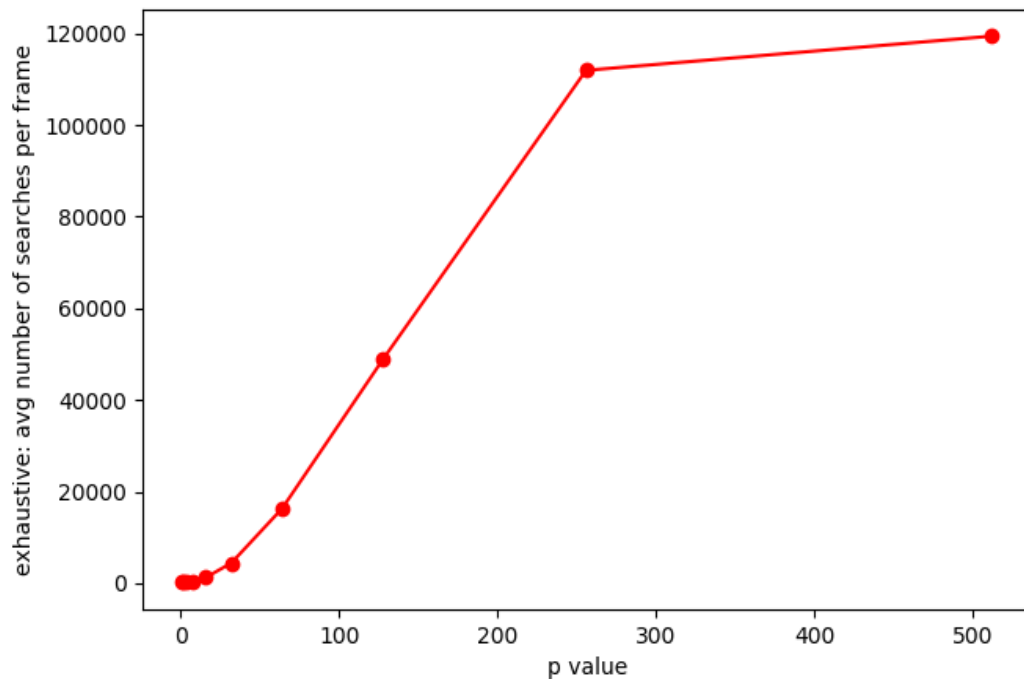


Offline on Template Matching

Average number of searches:

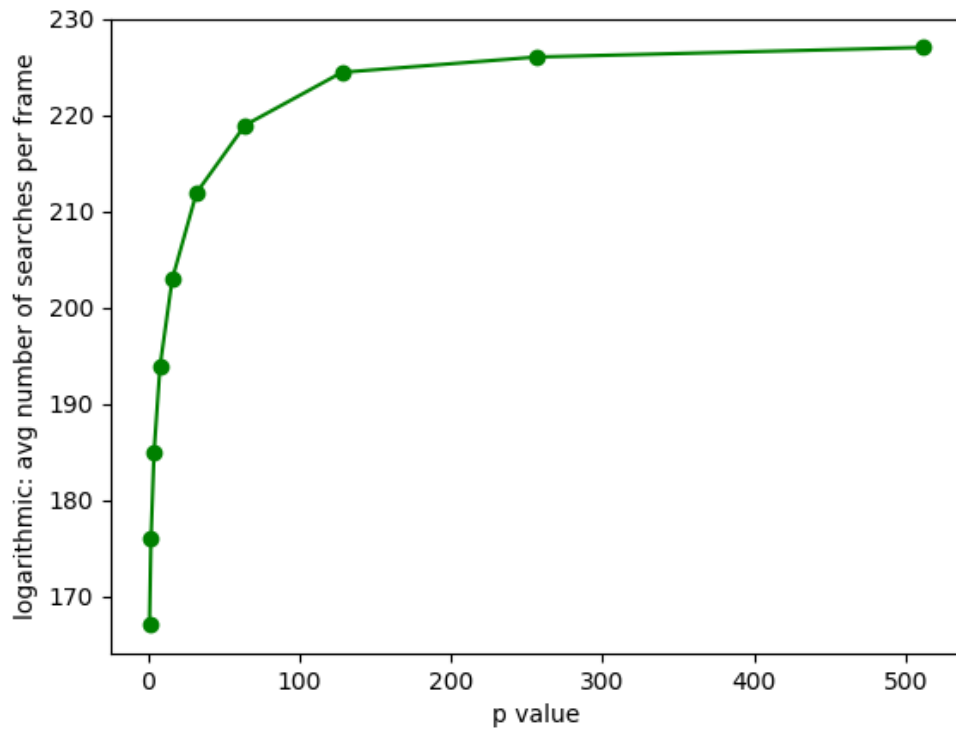
| P | Exhaustive | Logarithmic | Hierarchical |
|-----|-----------------|--------------|---------------|
| 1 | 166.98815789 | 166.98815789 | 184.96447368 |
| 2 | 182.96710526 | 175.97631579 | 184.96447368 |
| 4 | 238.89342105 | 184.96447368 | 184.96447368 |
| 8 | 446.61973684 | 193.95263158 | 200.94342105 |
| 16 | 1245.56710526 | 202.94078947 | 256.86973684 |
| 32 | 4377.44078947 | 211.92894737 | 464.59605263 |
| 64 | 16240.77368421 | 218.96973684 | 1229.96842105 |
| 128 | 48955.58026316 | 224.47105263 | 3328.19473684 |
| 256 | 111922.48684211 | 226.06447368 | 7249.05526316 |
| 512 | 119385.91447368 | 227.06315789 | 7671.10131579 |

Plot of Exhaustive Search Performance against P:



Plot

of Logarithmic Search Performance against P



Plot of Hierarchical Search Performance against P

