4109056001 資工三 施昶宇

1. 證設

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| LSB-K | embedding rate | mean square error | PSNR | embedding efficiency |
| K=1 | 1 | 0.5 | 51.14 | 2.0 |
| K=2 | 2 | 2.5 | 44.15 | 0.8 |
| K=3 | 3 | 10.5 | 37.92 | 0.285714 |
| K=4 | 4 | 42.5 | 31.85 | 0.094118 |
| K=5 | 5 | 170.5 | 25.81 | 0.029326 |
| K=6 | 6 | 682.5 | 19.79 | 0.008791 |
| K=7 | 7 | 2730.5 | 13.77 | 0.002564 |

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| OPAP-K | embedding rate | mean square error | PSNR | embedding efficiency |
| K=1 | 1 | 0.5 | 51.14 | 2.0 |
| K=2 | 2 | 1.5 | 46.37 | 1.333333 |
| K=3 | 3 | 5.5 | 40.73 | 0.545455 |
| K=4 | 4 | 21.5 | 34.81 | 0.186047 |
| K=5 | 5 | 85.5 | 28.81 | 0.05848 |
| K=6 | 6 | 341.5 | 22.80 | 0.01757 |
| K=7 | 7 | 1365.5 | 16.78 | 0.005126 |