|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Frame | **F**  PCA | **F**  RPCA Angle | **F**  RPCA Replaced | **F**  RPCA Revised | **F**  RPCA Superpixel |
| 1 | 0.3543 | 0.3160 | 0.1609 | 0.2358 | 0.2273 |
| 20 | 0.4289 | 0.3964 | 0.3964 | 0.3964 | 0.5244 |
| 40 | 0.5367 | 0.6349 | 0.6349 | 0.6349 | 0.8218 |
| 60 | 0.5452 | 0.7543 | 0.7543 | 0.7543 | 0.9228 |
| 80 | 0.5639 | 0.5928 | 0.5928 | 0.5928 | 0.7425 |
| 100 | 0.2079 | 0.2136 | 0.2508 | 0.7022 | 0.7426 |
| 120 | 0.0652 | 0.4849 | 0.4828 | 0.4849 | 0.6713 |
| 140 | 0.0060 | 0.4437 | 0.5662 | 0.4437 | 0.5879 |
| 160 | 0.7457 | 0.6217 | 0.6936 | 0.6217 | 0.6904 |
| 180 | 0.4801 | 0.4475 | 0.4820 | 0.4307 | 0.6226 |
| 200 | 0.5801 | 0.7076 | 0.7393 | 0.7076 | 0.8363 |
| 220 | 0.3983 | 0.2350 | 0.3512 | 0.2440 | 0.3364 |
| 240 | 0.2646 | 0.6591 | 0.7574 | 0.6591 | 0.8896 |
| 260 | 0.3661 | 0.6553 | 0.7242 | 0.6553 | 0.8898 |
| 280 | 0.5836 | 0.6638 | 0.7301 | 0.6638 | 0.8245 |
| 300 | 0.4213 | 0.6598 | 0.7582 | 0.6598 | 0.8212 |
| 320 | 0.4392 | 0.7173 | 0.7279 | 0.7173 | 0.8831 |
| 340 | 0.4076 | 0.5345 | 0.5756 | 0.5345 | 0.6374 |
| 360 | 0.5565 | 0.2965 | 0.2850 | 0.5185 | 0.6310 |
| 380 | 0.0449 | 0.1632 | 0.1632 | 0.0494 | 0.0639 |
| 400 | 0.3529 | 0.4251 | 0.1989 | 0.3846 | 0.4033 |
| 420 | 0.5604 | 0.6680 | 0.6680 | 0.6680 | 0.8105 |
| 440 | 0.5048 | 0.2549 | 0.2549 | 0.2549 | 0.3334 |
| 458 | 0.0251 | 0.2158 | 0.6725 | 0.5609 | 0.7775 |
| AVG | 0.4104 | 0.4596 | 0.5001 | 0.5473 | 0.6835 |