|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Frame | **F**  Robust PCA Combined | **P**  Robust PCA Combined | **R**  Robust PCA Combined | **F**  Super Pixel  Optimization | **P**  Super Pixel  Optimization | **R**  Super Pixel  Optimization |
| 1 | 0.1609 | 0.1195 | 0.2462 | 0.1714 | 0.1258 | 0.2691 |
| 20 | 0.3964 | 0.5398 | 0.3132 | 0.5597 | 0.5898 | 0.5324 |
| 40 | 0.6349 | 0.7708 | 0.5398 | 0.7320 | 0.7489 | 0.7159 |
| 60 | 0.7543 | 0.9674 | 0.6182 | 0.7986 | 0.9415 | 0.6933 |
| 80 | 0.5928 | 0.6452 | 0.5483 | 0.6579 | 0.6701 | 0.6462 |
| 100 | 0.6968 | 0.7163 | 0.6783 | 0.7169 | 0.7200 | 0.7138 |
| 120 | 0.4849 | 0.8479 | 0.3395 | 0.7357 | 0.9346 | 0.6066 |
| 140 | 0.4437 | 0.8118 | 0.3053 | 0.5475 | 0.7371 | 0.4354 |
| 160 | 0.6217 | 0.8028 | 0.5072 | 0.6465 | 0.7777 | 0.5531 |
| 180 | 0.4994 | 0.7738 | 0.3686 | 0.5842 | 0.7432 | 0.4812 |
| 200 | 0.7076 | 0.8006 | 0.6340 | 0.7796 | 0.7828 | 0.7765 |
| 220 | 0.4377 | 0.7690 | 0.3059 | 0.6822 | 0.7729 | 0.6105 |
| 240 | 0.6591 | 0.8203 | 0.5508 | 0.8300 | 0.8250 | 0.8352 |
| 260 | 0.6553 | 0.8311 | 0.5409 | 0.8277 | 0.8758 | 0.7846 |
| 280 | 0.6638 | 0.7951 | 0.5698 | 0.8071 | 0.7766 | 0.8400 |
| 300 | 0.6598 | 0.7785 | 0.5725 | 0.7732 | 0.7623 | 0.7845 |
| 320 | 0.7173 | 0.7914 | 0.6558 | 0.8233 | 0.7748 | 0.8783 |
| 340 | 0.5345 | 0.8594 | 0.3878 | 0.6488 | 0.8789 | 0.5142 |
| 360 | 0.6787 | 0.8647 | 0.5586 | 0.7198 | 0.8123 | 0.6462 |
| 380 | 0.0591 | 0.0452 | 0.0852 | 0.0649 | 0.0485 | 0.0979 |
| 400 | 0.1989 | 0.2072 | 0.1912 | 0.2132 | 0.1859 | 0.2498 |
| 420 | 0.6680 | 0.7816 | 0.5833 | 0.7946 | 0.7260 | 0.8775 |
| 440 | 0.2549 | 0.2400 | 0.2718 | 0.3788 | 0.3089 | 0.4896 |
| 458 | 0.6725 | 0.8724 | 0.5472 | 0.8646 | 0.8283 | 0.9041 |
| AVG | 0.5259 | 0.6061 | 0.4645 | 0.6243 | 0.6262 | 0.6224 |