|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Problem size | NPS | MID | DM | SNS | RAS | QM | Best algorithm |
|  |  |  |  |  |  |
| Small | 0.30 | 0.25 | 0.30 | 0.30 | 0.25 | 0.25 | MOEA/D |
| 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | NSGA-II |
| 0.30 | 0.40 | 0.30 | 0.30 | 0.40 | 0.30 | PESA-II |
| 0.25 | 0.40 | 0.25 | 0.25 | 0.40 | 0.40 | SPEA-II |
| 0.20 | 0.35 | 0.20 | 0.20 | 0.35 | 0.50 | Hybrid |
| 0.20 | 0.50 | 0.20 | 0.20 | 0.50 | 0.50 | MOEA/D |
| Medium | 0.30 | 0.25 | 0.30 | 0.30 | 0.25 | 0.25 | NSGA-II |
| 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | PESA-II |
| 0.30 | 0.40 | 0.30 | 0.30 | 0.40 | 0.30 | SPEA-II |
| 0.25 | 0.40 | 0.25 | 0.25 | 0.40 | 0.40 | Hybrid |
| 0.20 | 0.35 | 0.20 | 0.20 | 0.35 | 0.50 | MOEA/D |
| 0.20 | 0.50 | 0.20 | 0.20 | 0.50 | 0.50 | NSGA-II |
| Large | 0.30 | 0.25 | 0.30 | 0.30 | 0.25 | 0.25 | PESA-II |
| 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | SPEA-II |
| 0.30 | 0.40 | 0.30 | 0.30 | 0.40 | 0.30 | Hybrid |
| 0.25 | 0.40 | 0.25 | 0.25 | 0.40 | 0.40 | PESA-II |
| 0.20 | 0.35 | 0.20 | 0.20 | 0.35 | 0.50 | SPEA-II |
| 0.20 | 0.50 | 0.20 | 0.20 | 0.50 | 0.50 | Hybrid |