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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bench-mark data | Toronto results  (known best solution) | | My Scheme 1  (Random node without Kempe-Chain) | | My Scheme 2  (Largest degree without Kempe-Chain) | | My Scheme 3  (DSatur without Kempe-Chain) | | My Scheme 4  (Random node with Kempe-Chain) | | My Scheme 5  (Largest Degree with Kempe-Chain) | | My Scheme 6  (DSatur with  Kempe-Chain) | |
|  | Time slots | Penalty | Time slots | Penalty | Time slots | Penalty | Time  slots | Penalty | Time slots | Penalty | Time slots | Penalty | Time slots | Penalty |
| CAR91 | 35 | 4.42 | 48 | 9.77 | 34 | 11.495 | 30 | 12.45 | 48 | 6.35 | 34 | 9.44 | 30 | 9.94 |
| CAR92 | 32 | 3.74 | 44 | 8.13 | 32 | 10.62 | 11 | 9.94 | 44 | 6.26 | 32 | 8.25 | 11 | 7.71 |
| KFU93 | 20 | 12.96 | 25 | 33.32 | 20 | 46.52 | 17 | 46.71 | 25 | 21.92 | 20 | 29.57 | 17 | 27.11 |
| TRE92 | 23 | 7.75 | 29 | 13.07 | 23 | 15.89 | 23 | 15.64 | 29 | 10.38 | 23 | 12.69 | 23 | 13.28 |
| YOR83 | 21 | 34.84 | 27 | 47.92 | 23 | 64.69 | 23 | 61.66 | 27 | 33.68 | 23 | 39.47 | 23 | 48.14 |