

| TSPLIB    | A(OPT) | B      | $\alpha$ | $\beta$ |
|-----------|--------|--------|----------|---------|
| burma14   | 3323   | 9139   | 13.97    | 11.79   |
| ulysses16 | 73.98  | 180.52 | 10.24    | 6.52    |
| gr17      | 2085   | 6160   | 19.22    | 10.60   |
| gr21      | 2707   | 10680  | 32.95    | 19.80   |
| ulysses22 | 75.3   | 241.50 | 17.52    | 12.79   |
| gr24      | 1272   | 4929   | 51.55    | 27.21   |
| fri26     | 937    | 3681   | 28.87    | 16.91   |
| bayg29    | 1610   | 6654   | 42.17    | 26.42   |
| bays29    | 2020   | 8442   | 45.14    | 27.52   |