GAs To Solve The Travelling Salesman Problem

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This report investigates the *Travelling Salesman Problem* through the use of a genetic algorithm (GA) employing the *inver-over* crossover operator, a combination of scramble and swap mutations, and a combination of $\mu + \lambda$ and replacement survival selection operators.

1. PROBLEM SPECIFICATIONS

2. THE INVER-OVER OPERATOR

3. OUR ALGORITHM

4. OPTIMIZATION

5. RESULTS

6. CONCLUSION