Conclusions

In this work, the genetic algorithm to be ique has been challenged and criticized. We claim that, in spite of the generally positive assumption, a GA is not an electer and useful optimization algorithm. It was shown that the cost function is non-epistatic, the problem can be solved using GAs Hornover, it would be more efficient to use simple algorithms instead of GAs, since the Ndimensional function can be divided into N one-dimensional functions. Further monostopistatic cost functions, GAs cannot find the correct solution. In solution to some commonly used benchmarks, our claim was evaluated and confirmed by three new test functions which were designed in this study.