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Abstract

In this electronic era institutions and enterprises think that their data is very crucial in all their activities. As this is based on electronic transmission of data from one place to another, a secure mode of transmission is needed. This is to counter security attacks that are evident in transmission. Different security services and mechanisms are needed to provide security and integrity to the resource owners. Security mechanisms that provide security are to be constantly updated to counter attacks. In the process of providing new services and mechanisms, special functions are to be included to strengthen the processing. In this paper different genetic algorithms are discussed that are gaining importance in the field of cryptography that in providing security to data.

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Index Terms

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Keywords

Security mechanisms, Security attack, selection, Crossover, Mutation, Fitness function.