

An enhanced energy efficient routing protocol for VANET using special cross over in genetic algorithm

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Abstract

Wireless networks are gaining popularity now a days. A Vehicular Ad-hoc network that is able to configure all network devices, which means all devices work as host and as a router in network. For conveying all information only nodes help to each other. Vehicular ad hoc networks mostly formed temporary and comes in less infrastructure networks. Performance unit reduces caused by unstable channel position and network connection and mobility and

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An improved quantum key distribution protocol for verification

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Abstract

Facts say that practical cryptographic systems are now within the range. Quantum cryptography generally gives the solution which uses the various methods of polarization to leave the transmitted data undisturbed. In this work we try to improve the data security by increase the key size shared between parties involved used in quantum cryptography. Quantum cryptography uses storing the split particles involved and then measuring them and creating what they use, eliminating the problem of unsafe storage.

Subject Classification: 94A60

Keywords: Quantum Cryptography, Security Attack, Authentication, Message Verification.

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An enhanced quantum key distribution protocol for security authentication

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Abstract

Quantum Cryptography is revolutionary discovery in the field of network security. Quantum cryptography promises to provide sophisticated functionality for security issues but it also leads to unbelievable increment in computational parallelism which is helpful for potential cryptanalytic attacks. Some of the associated properties of Quantum Key Distribution protocol that provide security that is deficient for the shared key to be transmitted securely. The identity verification process attempts to maximize success in interpreting the EPR protocol for distribution of Quantum.

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