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## The Analysis and Amendment of Security System in 3G

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### ABSTRACT

This paper analyses security mechanism and authentication, key agreement protocol of 3G system amply, puts forward a amelioration scheme. This scheme assures security communications without credible VLR. This paper analyses ameliorative protocol and resolves the security communications problem between MS and HLR.

### KEYWORDS

3G Security, 3G Security Structure, 3G authentication and key agreement protocol Security arithmetic

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