عنوان فارسی مقاله:
رویکردهای نوین برای تحلیل اشتراک مخفی چند جانبه ایمن از طریق رمزگذاری کوانتومی

عنوان انگلیسی مقاله:
A Novel Approach For Secure Multi-Party Secret Sharing Scheme Via Quantum Cryptography

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
IV. CONCLUSIONS AND FUTURE WORK

Quantum cryptography is a relatively new field and there is a lot of room for improvement. A lot of work is still needed to be done and there are many questions that are still unanswered. The protocol defined here is complete in itself. However, there are some other ways that can be utilized to achieve quantum secret sharing provided the predefined security requirements met. One can make use of super dense coding where the classical information to be sent will also be encoded over the qubits formed in a shared EPR pair. Second important thing that is needed to be explored in field of quantum cryptography is “Quantum Digital Signature”. Another important issue is user masquerading, i.e. if a user with infinite quantum computational power succeeds to capture a qubit before the legitimate party and then starts participating in the authentication, the user will never be able to capture them. Hence these issues are needed to be addressed and can be treated as future work in field of quantum cryptography.