



S. Sakauchi, "*Toward creation of a system architecture for quantum computers*", NTT Technical Review, vol. 21, no. 11, pp. 1-21, Nov. 2023.

Quantum Security Course - *Paper Presentation* - PREVIEW

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Types of Quantum Computers

Current State of Quantum Computing

NTT's Research Focus Areas

Challenges in Quantum Computing System Architecture

Challenge 1: Difficulty in Application Development

Challenge 2: Limited Applicability

Challenge 3: Scalability Issues

NTT's Approach to Address Challenges

Addressing Challenge 1

Addressing Challenge 2

Addressing Challenge 3

Future Prospects and Conclusion

Questions ?