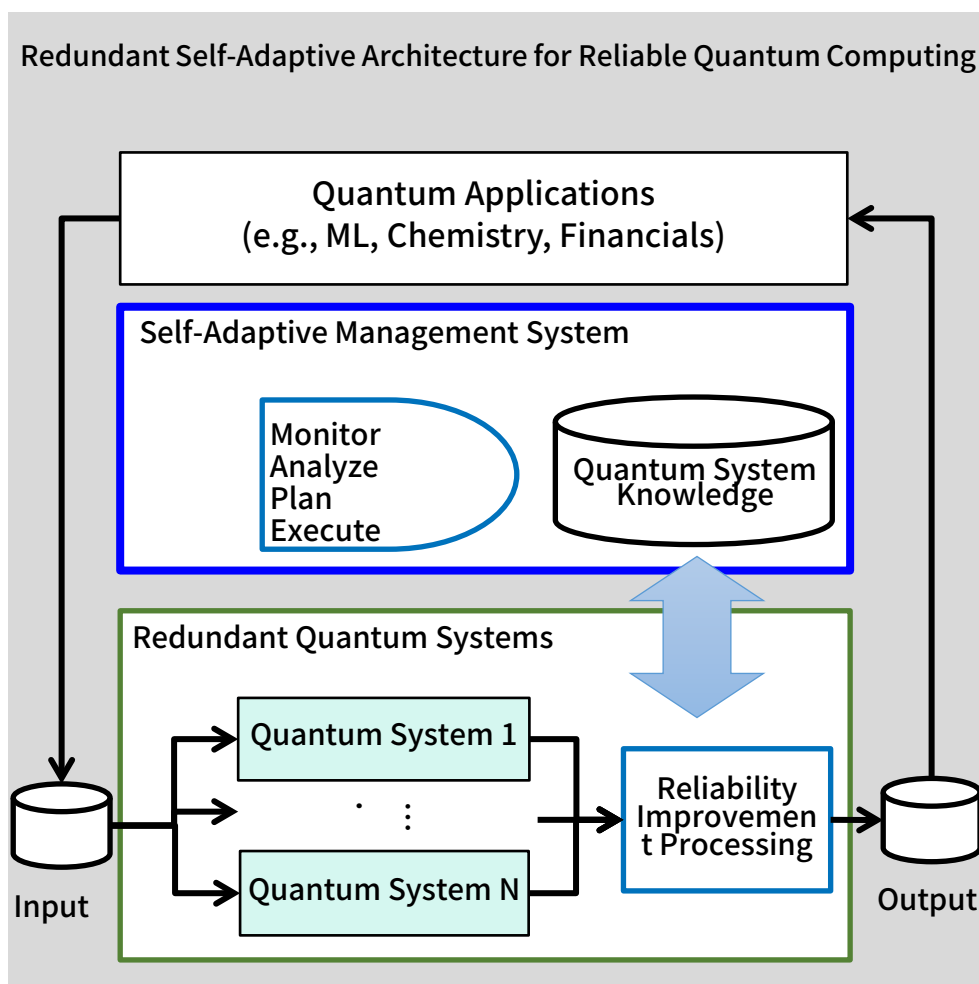


## Redundant self-adaptive architecture for quantum software systems

Enhancing the reliability of quantum computers makes it possible to utilize them safely

#Productivity Improvement



### ///Technical Issue

There are concerns about the business use of quantum computers because they are still unstable and cause a decrease in accuracy.

### ///Research Goal

Improving reliability of quantum computers ensures safe and secure operation of quantum applications.

### ---Technology

We have realized a system architecture that autonomously integrates multiple quantum software with the same specifications and different designs to achieve highly reliable quantum computing.

### ---Novelty

NTT's original algorithm for automatically self-correcting the outputs of multiple quantum systems to improving the accuracy of the output.

### ---Applicable Business

Applicable to the development and operation of applications utilizing quantum programs.