

[ABSTRACT]

A redundant system is provided with a redundant failure detection configuration, and thereby is enabled to precisely
5 detect a failure occurrence, and reliably execute a necessary system switching operation. In a redundant system 10, each of power supply mechanisms 200 for computers 150, 180 redundantly provided includes a processor 204 configured to: monitor a write process in which predetermined information from another apparatus
10 300 or another mechanism 112 of the corresponding computer 150 or 180 is written to a storage 201 of the power supply mechanism 200; execute an operation of powering off or resetting a power supply device 230 if the write process is not in conformity with a predetermined rule; and after the execution of the operation,
15 give an instruction to perform a fail-over operation to the other computer out of the computers 150, 180.