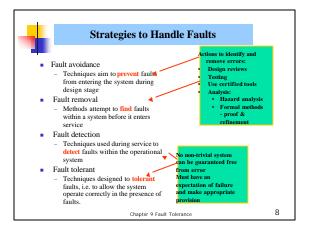
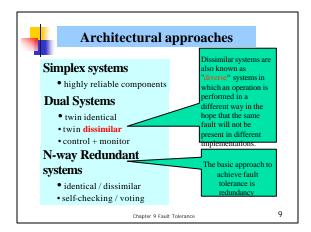
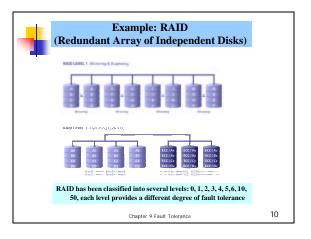
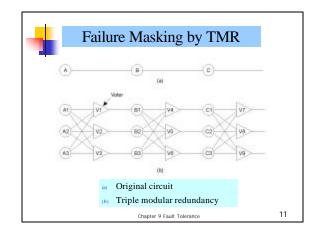


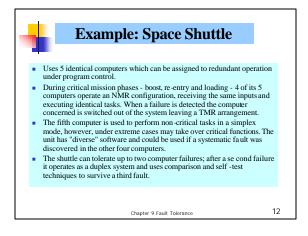
Types of Fault (wrt attributes)	
Type of failure	Description
Crash failure Amnesia crash Pause crash Halting crash	A server halts, but is working correctly until it halts Lost all history, must be reboot Still remember state before crash, can be recovered Hardware failure, must be replaced or re-installed
Omission failure Receive omission Send omission	A server fails to respond to incoming requests A server fails to receive incoming messages A server fails to send messages
Timing failure	A server's response lies outside the specified time interva
Response failure Value failure State transition failure	The server's response is incorrect The value of the response is wrong The server deviates from the correct flow of control
Arbitrary failure	A server may produce arbitrary responses at arbitrary times

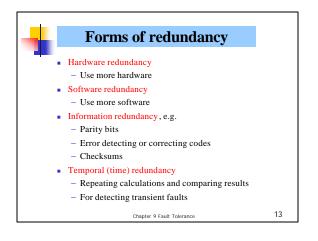


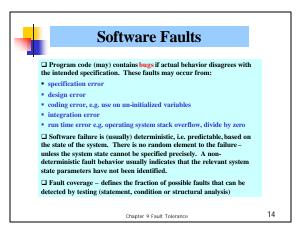


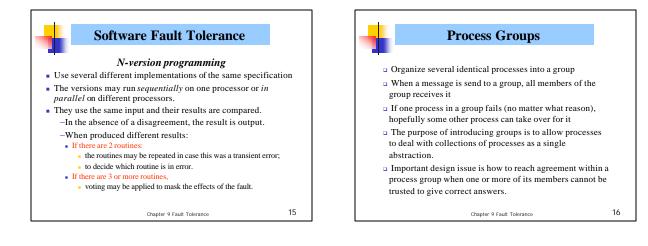


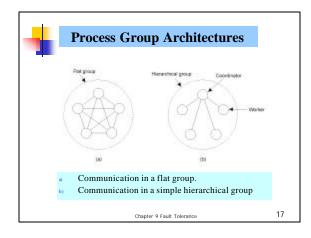


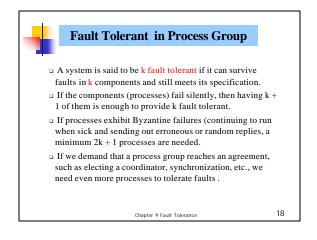


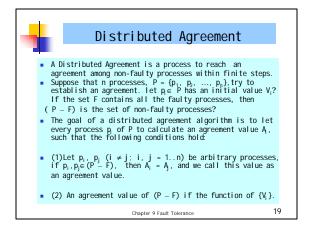


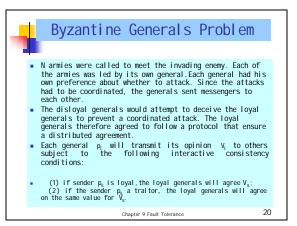


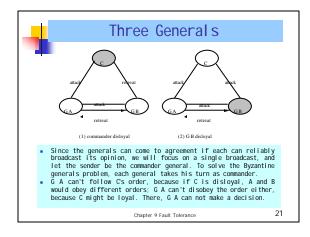


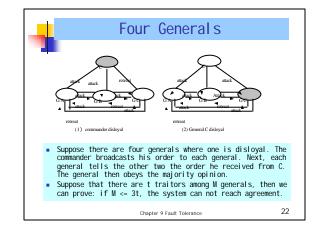


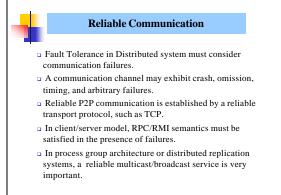












Chapter 9 Fault Tolerance

