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Título: Fault-Tolerant Control Systems

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Sinopsis

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Fault-tolerant Control Systems reports the development of fault diagnosis and fault-tolerant control (FTC) methods with their application to real plants. After an introduction to fault diagnosis and FTC, a chapter on actuators and sensors in systems with varying degrees of nonlinearity leads to three chapters in which the design of FTC systems is given thorough coverage for real applications:

- | a winding machine typifying a subsystem in various sheet and film processes;
- | a hydraulic three-tank system representative of those used widely in chemical plants; and
- | an active suspension system demonstrating application in whole large-scale systems by splitting into subsystems.