

Blanke, Mogens; Kinnaert, Michel; Lunze, Jan; Staroswiecki, Marcel

Diagnosis and fault-tolerant control. With contributions by Jochen Schröder. 2nd ed. (English) [Zbl 1126.93004](#)

Berlin: Springer (ISBN 3-540-35652-5/hbk). xvii, 672 p. (2006).

The second edition includes new material about reconfigurable control, diagnosis of nonlinear systems, and remote diagnosis. The application examples are extended by a steering-by-wire system and the air path of a diesel engine, both of which include experimental results. The bibliographical notes at the end of all chapters have been up-dated. The chapters end with exercises to be used in lectures.

See the review of the first edition (2004) in [Zbl 1023.93001](#).

MSC:

- 93-02** Research exposition (monographs, survey articles) pertaining to systems and control theory
- 93B51** Design techniques (robust design, computer-aided design, etc.)
- 90B25** Reliability, availability, maintenance, inspection in operations research
- 93E10** Estimation and detection in stochastic control theory
- 93C65** Discrete event control/observation systems
- 93B30** System identification

Cited in **2** Reviews
Cited in **127** Documents

Full Text: [DOI](#)