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| 1. Record Nr. | UNINA9910872294003321 |
| Titolo | Social Change |
| Pubbl/distr/stampa | India |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Periodico |
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| 2. Record Nr. | UNINA9910688568603321 |
| Autore | Gladisch Christoph David |
| Titolo | Verification-based software-fault detection |
| Pubbl/distr/stampa | KIT Scientific Publishing, 2011 |
| ISBN | 1000023002 |
| Descrizione fisica | 1 online resource (XVII, 264 p. p.) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | Software is used in many safety- and security-critical systems. Software development is, however, an error-prone task. In this work new techniques for the detection of software faults (or software ""bugs"") are described which are based on a formal deductive verification technology. The described techniques take advantage of information obtained during verification and combine verification technology with deductive fault detection and test generation in a very unified way. |