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Breakdown related to the generation of oxide defects

- ; 3. Modeling the Breakdown Statistics
- 4. Breakdown modes: Soft breakdown and Hard Breakdown
- 5. Breakdown effectiveness, energy dissipation and device failure; 6. Conclusions ; MOSFET Gate Oxide Reliability: Anode Hole Injection Model and Its Applications
- ; 1. Introduction ; 2. Development of the Anode Hole Injection Model ; 3. Recent Developments
- 4. Gross-Defect Related Breakdown and Burn-in Model

Sommario/riassunto

This book presents in summary the state of our knowledge of oxide reliability. The articles have been written by experts who are among the most knowledgeable in the field. The book will be an invaluable aid to reliability engineers and manufacturing engineers, helping them to produce and characterize reliable oxides. It can be used as an introduction for new engineers interested in oxide reliability, besides being a reference for engineers already engaged in the field.

2. Record Nr. UNICAMPANIAVAN00022482 Everyday understanding : social and scientific implications / edited by Gün R. Semin and Kenneth J. Gergen **Titolo** Pubbl/distr/stampa London,: Sage, 1990 **ISBN** 08-03-98237-2 Descrizione fisica viii, 248 p.: ill.; 23 cm. -Disciplina 306.42 Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia