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Principles of Semiconductor Devices - UFPR

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Experimental study of phase deviation and pushing in a

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Insulated-gate bipolar transistor - Wikipedia

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the Joint Electron Devices Engineering Councils (JEDEC), operating under the Electronics Industries ... In the paper "Second Breakdown" in Transistors [1], ... Harry A. Schafft, Second Breakdown in Semiconductor Devices" A Bibliography, NBS Technical Note 431, National Bureau of Standards, Washington, DC (1967). ...

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US20090058836A1 - Video data revision method for electron

232 IEEE TRANSACTIONS ON ELECTRON DEVICES, VOL. 49, NO. 2, FEBRUARY 2002 ... controls the second stage of the breakdown transient (characterized by submicrosecond time-constants, segment I-II or seg- ... Manuscript received March 20, 2001; revised September 17, 2001. The re-view of this paper was arranged by Editor G. Groeseneken.

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Electron Devices, IEEE Transactions - IEEE Xplore

270 Transferred Electron Devices (TEDs) Chap. 7 operate with "hot" electrons whose energy is very much greater than the thermal energy. Because of these fundamental differences, the theory and technology of transferred electron devices is very different from that of conventional semiconductor devices.

Transferred Electron Devices (TEDs) - ECED Mansoura

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Gordon E. Moore, Co-founder Intel Corporation Progress In

2116 IEEE TRANSACTIONS ON ELECTRON DEVICES, VOL. 41, NO. 11, NOVEMBER 1994 Noise as a Diagnostic Tool for Quality and Reliability of Electronic Devices L. K. J. Vandamme Invited Paper Abstract-Experimental facts about noise are presented which

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