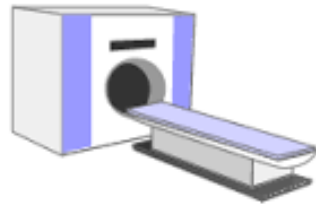


Reliability Modeling on 90 nm n-channel MOSFETs with BSIM4 Dedicated to HCI Mechanisms

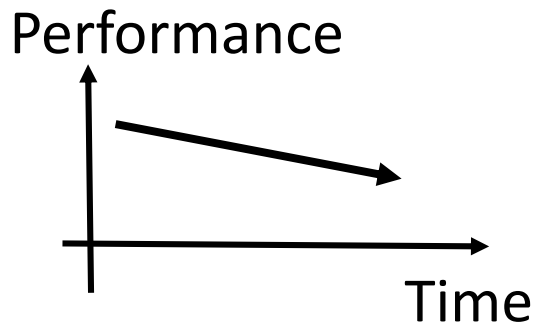
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- Long time use
- Harsh environment



Unreliable



**Same circuit density
with smaller size**

Probability to break ↑

This research presents **reliability modeling and simulation**
of advanced MOSFETs.