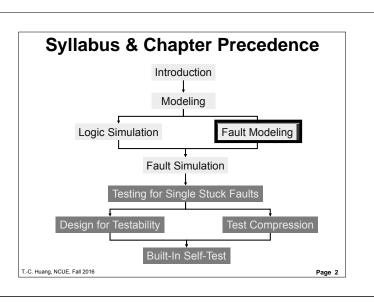


1. 2.

3.

4.

T.-C.



	Related to Faults	Physical Faults
. Error:	 e: System doesn't work. Incorrect operation of a system, that possibly works. Design errors Physical Faults incorrect operation of a modeled element due to Fab. Fabrication errors Wrong components 	 Logical Faults: the effect of physical fault on the behavior of the modeled system. Faults that affect the objective function Delay faults Modeling physical faults to logical faults: Complexity reduction Technology-independent
Physical Defec	 Incorrect wiring or shorts Physical Defects Classified according to time stability: Permanent Intermittent Transient Fabrication defects Physical failure 	 Tests may be used even if behavior unknown 3. Views: Structural faults (Wire, transistor) Short/open Stuck-at Bridging fault Functional faults 4. Simultaneous occurrence: Single-fault assumption Multiple-fault
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