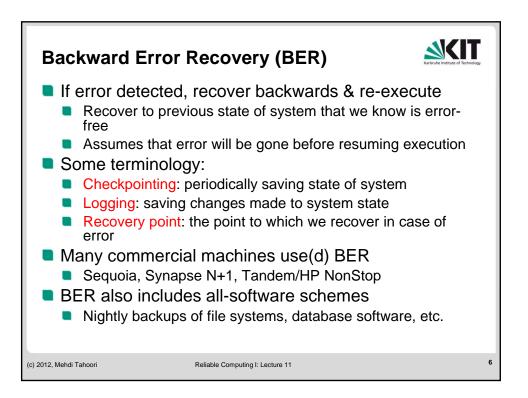


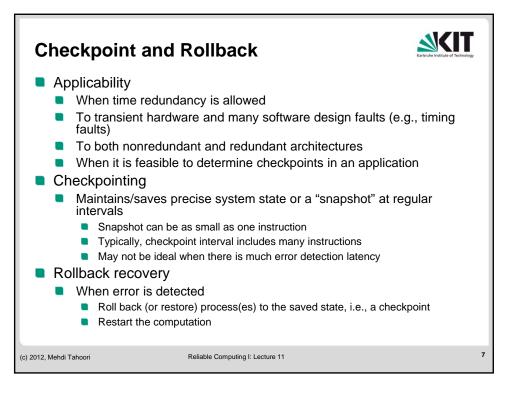


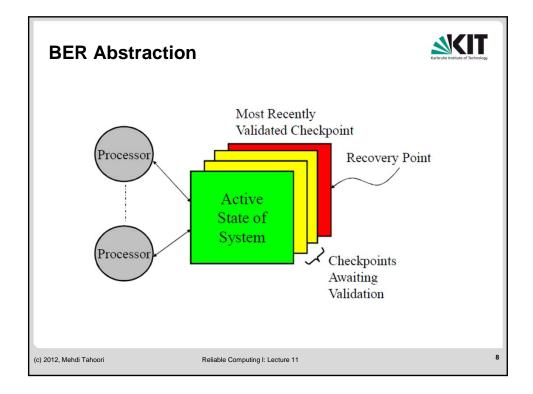


	Advantages	Disadvantages
Forward error	Relatively low overhead	Dependent on damage assessment and prediction.
recovery		Inappropriate as a means of recovery for unanticipated damage.
		Cannot provide a general mechanism for recovery
		Design specifically for a particular system
Backward error recovery	A general concept applicable to all systems. Independent of damage	Performance penalty - the overhead to restore a process state can be quite significant.
	assessment, i.e., capable of providing recovery from arbitrary damage.	No guarantee that error will not persist when processing is repeated, e.g., permanent fault, software design errors.
	Can be application or system based.	Some component of the system state may be unrecoverable, e.g., if an error affects an external state.
Mehdi Tahoori	Reliable Computing I: Lectur	re 11

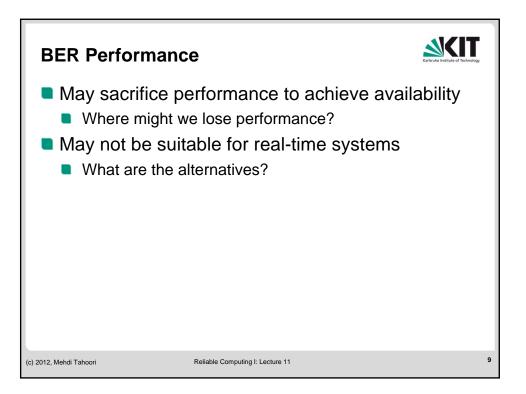


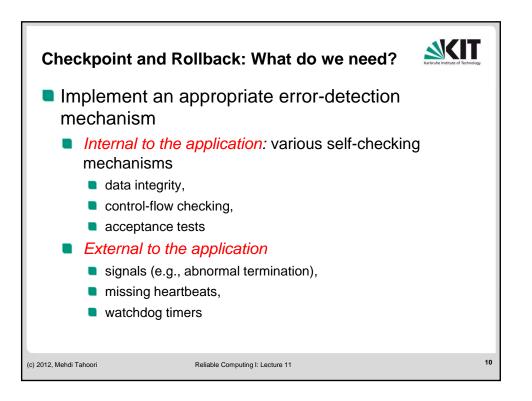




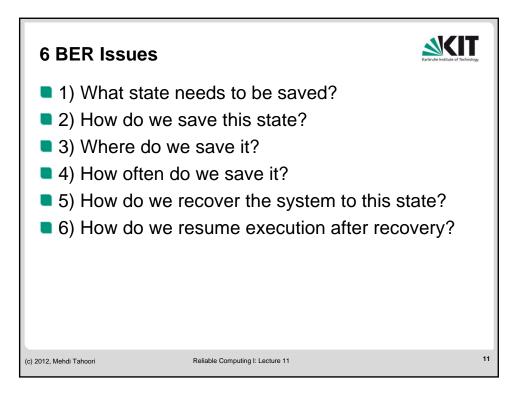


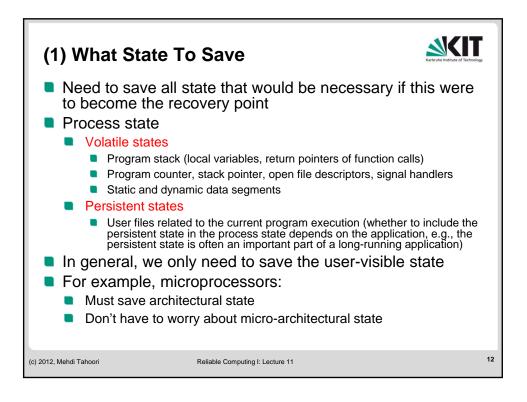




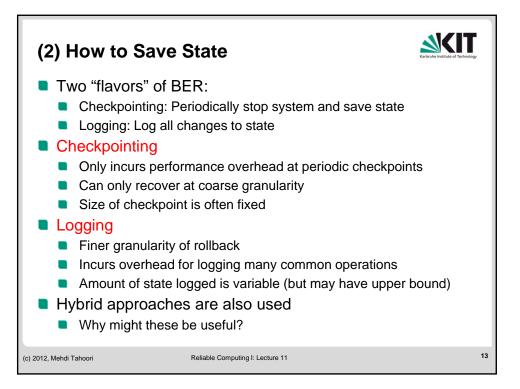


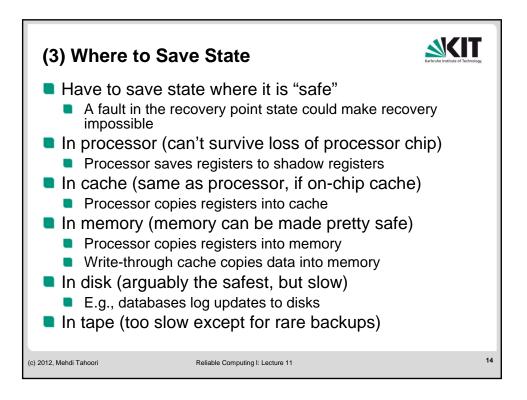




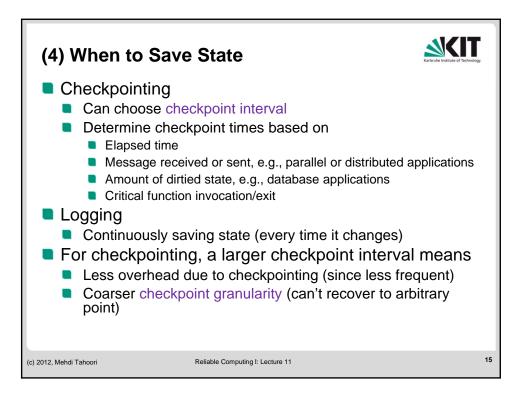


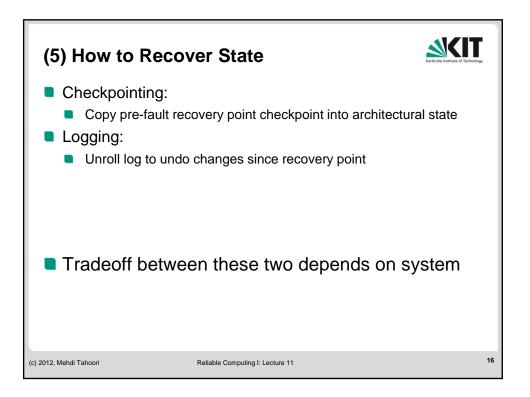




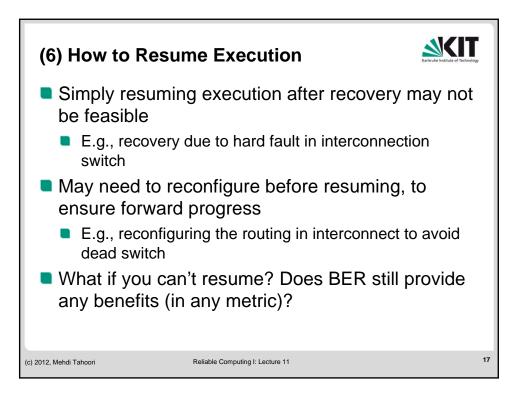


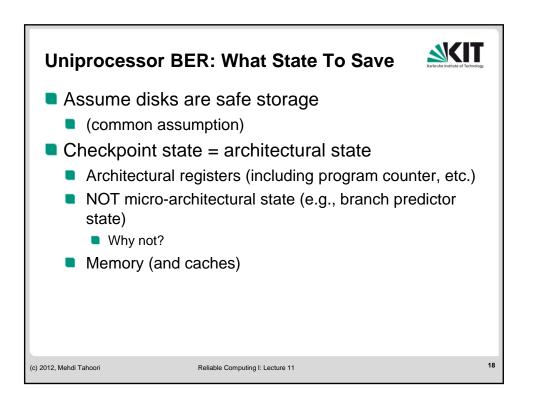






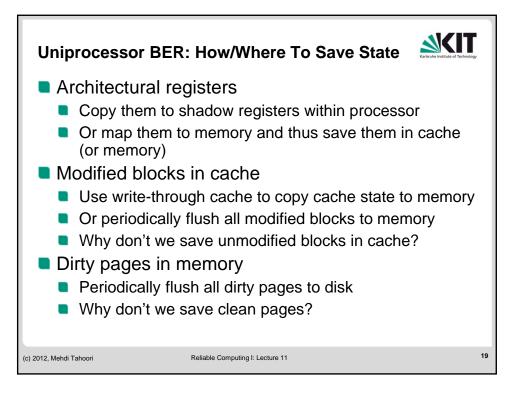


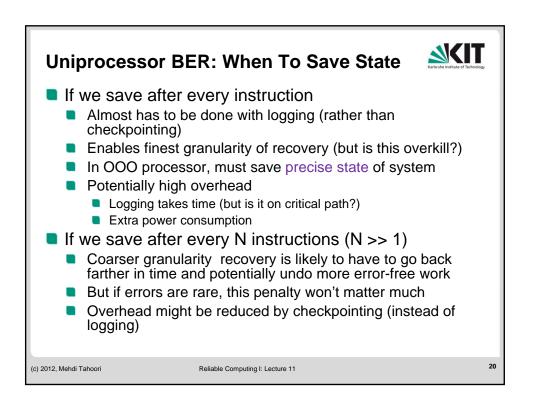




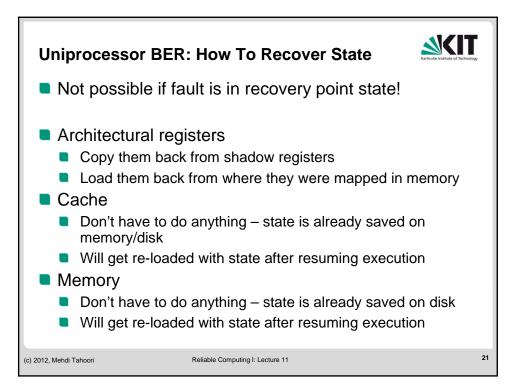
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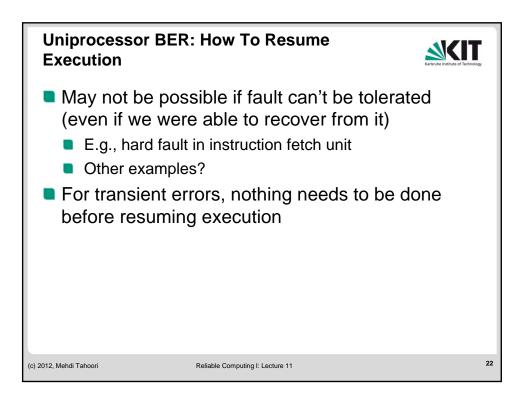




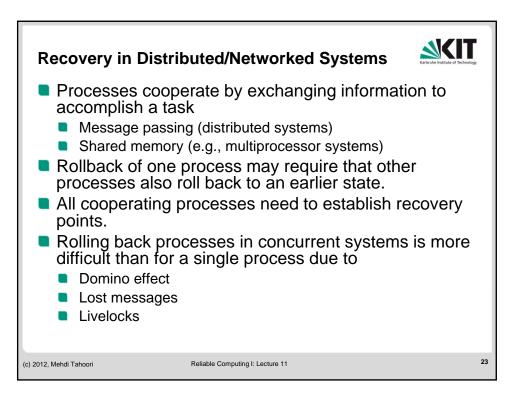


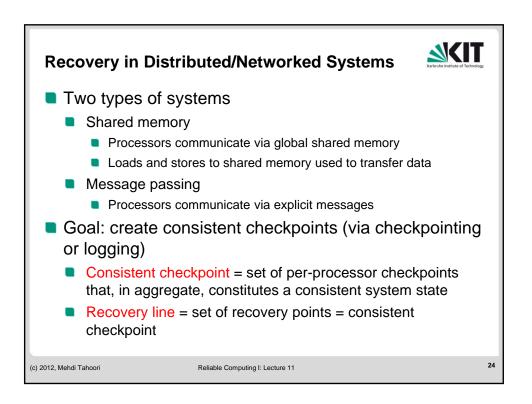




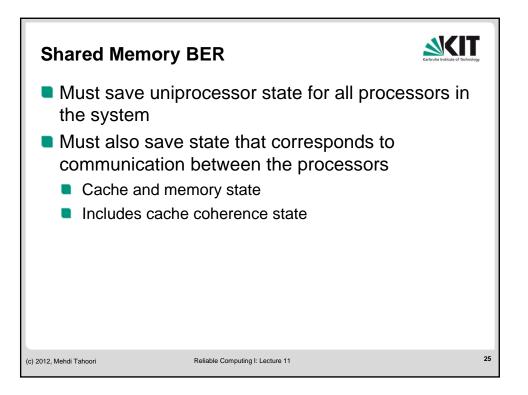


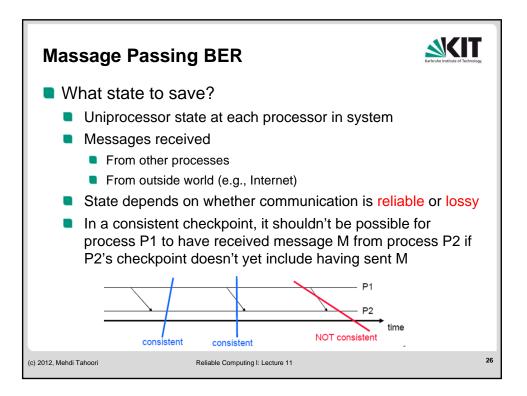




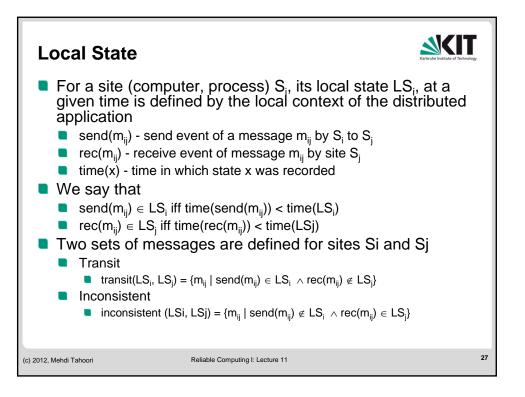


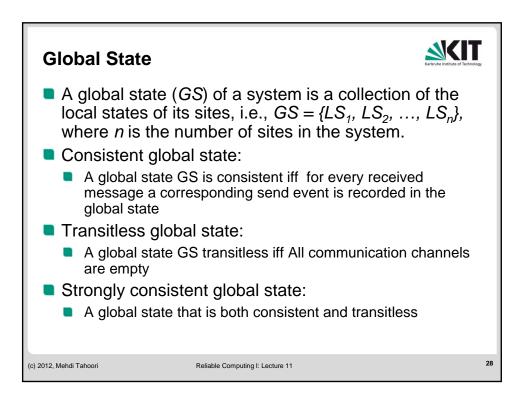




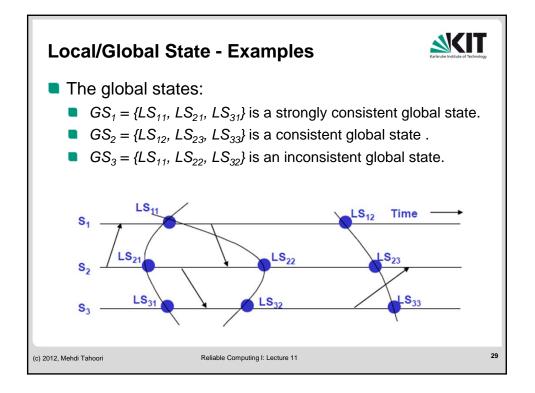


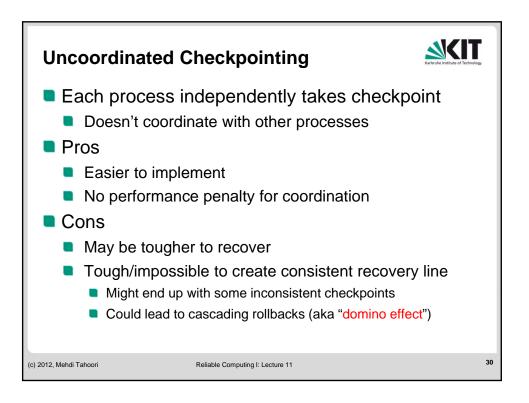




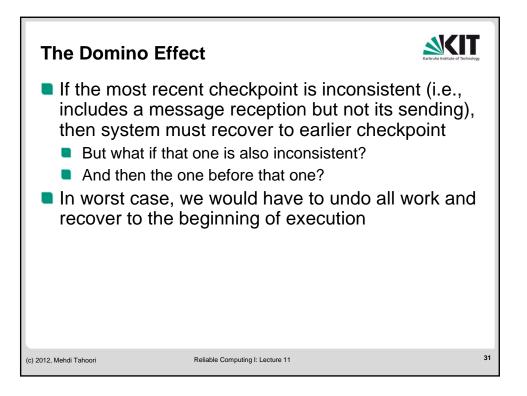


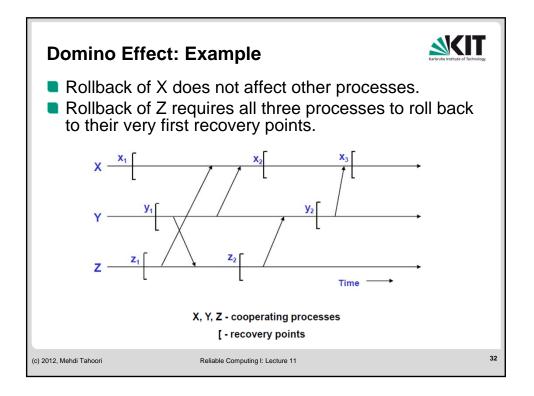




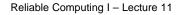




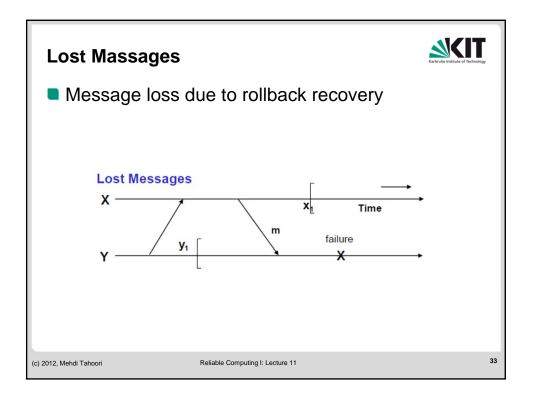


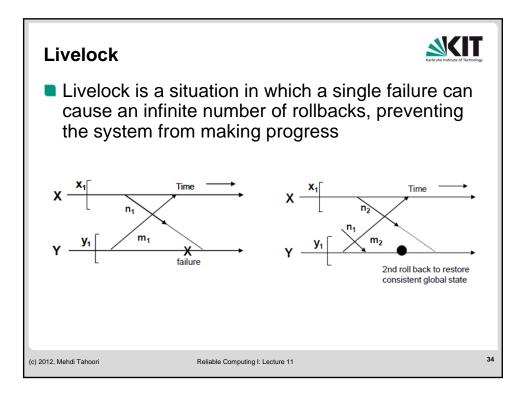


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