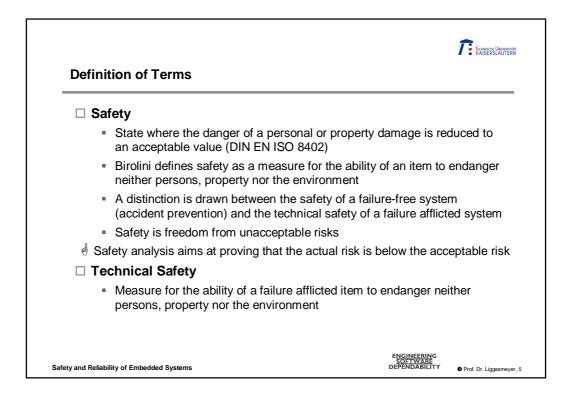
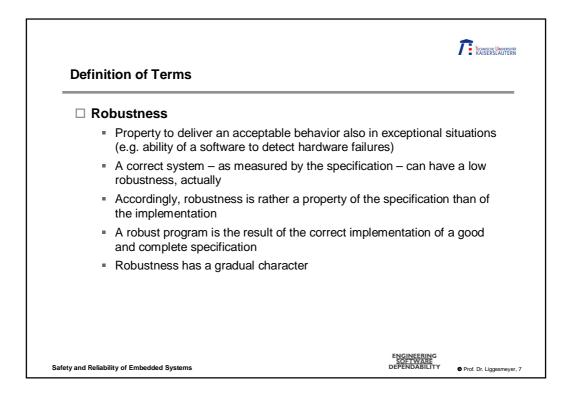


Definit	ion of Terms			
🗆 Qu	ality			
	Property of an entity concerning its qualification to ful derived requirements (quality requirements) /DIN 553	tity concerning its qualification to fulfill defined and ents (quality requirements) /DIN 55350-11/		
🗆 Qu	ality Requirement			
	Total of single requirements of an entity which concerns this entity /DIN 55350-11/	requirements of an entity which concern the property of 5350-11/		
🗆 Qu	ality Characteristic			
•	Property of an entity on the basis of which its quality is described and sstimated, but which makes no statement about the degree of fulfillment of the characteristic			
	A quality characteristic can be refined incrementally i characteristics	nto partial		
🗆 Qu	ality Measure			
	Measure which allows to draw conclusions on the full quality characteristics	fillment of	specific	



rrectness
Correctness has a binary character, i.e., an item is either correct or incorrect
A fault-free realization is correct
An artifact is correct if it is consistent to its specification
If no specification exists for an artifact, correctness is not defined
mpleteness
A system is functional complete, if all functions required in the specification are implemented. This concerns the treatment of normal cases as well as the interception of failure situations



Defini	tion of Terms		
	liability		
	Part of the quality with regard to the behavior of an entity during or after given time periods with given working conditions (DIN 40041)		
	Collective term for the description of the power concerning availability and its influencing factors: power concerning functionality, maintainability and maintainability support (DIN EN ISO 8402)		
	 Property of an entity regarding its qualification to fulfill the reliability requirements during or after given time periods with given application requirements (DIN ISO 9000) 		
	probability that the required function is execute	he ability of an item to remain functional, expressed by the at the required function is executed failure-free under given itions during a given time period (based on Birolini, ETH)	
🗆 Av	ailability		
	Measure for the ability of an item to be function	nal at a given tim	e
ety and Reliab	ility of Embedded Systems	ENGINEERING SOFTWARE DEPENDABILITY	Prof. Dr. Liggesmeyer

