































Т	echnis	che Univers	ität Wie	n III	
Α	utomo	otive Exan	nple		
:	<ul> <li>SAE classification of in-vehicle networks based on performance</li> <li>Instances of all four network classes in present-day luxury cars (e.g., BMW7 series, Volkswagen Phaeton)</li> <li>BMW7 series <ul> <li>multiple class A networks (LIN fieldbuses)</li> <li>two class B networks (peripheral CAN and body CAN)</li> <li>one class C network (powertrain CAN with 500 kbps)</li> <li>two class D networks for multimedia (MOST) and safety functions (Byteflight)</li> </ul> </li> </ul>				
1.40		ass Exemplary Protocol		Exemplary Application Domains	
	Class A	LIN	< 10 kbps	sensor/actuator access	
	Class B	CAN	10kbps-125kbps		
	Class C	CAN		powertrain domain	
	Class D	FlexRay, Byteflight	> 1 Mbps	multimedia, X-by-wire	
Rea System Grou	I-Time ns			1	7













