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Error Detection - cont'd			
Hence, for a frame	e of K bits,		
Prob [frame is cor	rect] = Prob [ 0 bits in error ] = (1-BER) <sup>K</sup>		
Prob [frame is erroned	bus] = Prob[ 1 OR MORE bits in error] = 1 - Prob[ 0 bits in error] = 1 - (1-BER) <sup>K</sup>		
Prob [frame is erroned	bus] = Prob [1 bit in error] + Prob[2 bits in error] + + Prob[K bits in error] = 1 - Prob[ 0 bits in error] = 1 - (1-BER) <sup>K</sup>		
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