













































UNIVERSITEIT GENT TELIN Exam	Intersymb ple (cont.)	ol interferer	nce (23)
	Ripple [dB]	$\frac{P_{ISI}}{P_{useful}} [dB]$	
	0	-∞	-
	5	-9.96	
	10	-6.03	
	15	-4.84	
	20	-4.47	
		24	-



































UNIVERSITEIT GENT TELIN Exa	Zero-fo mple (cont.)	orcing linear equaliz	er (18)
	Ripple [dB]	Noise enhancement [dB]	
		(ZF-LE)	
	0	0	
	5	0.49	
	10	1.7	
	15	3.36	
	20	5.33	
		42	





































	Zero-forcing decision-feedback equalizer (19)					
Example (cont.)						
	Ripple [dB]	Noise enhancement [dB]				
		(ZF-DFE)				
	0	0				
	5	0.24				
	10	0.71				
	15	1.14				
	20	1.44				
	L	61				