

Prelab				Lab 3				
Problem 1				Joshua Ayers	Date:			
				TA sig				
				lab partner 1:				
				lab partner 2:				
				Objective				
				The objective of this experamnet is to understand operational amplifiers				
				Materials				
				NI ELVIS II				
				EMONA SIGEx Signal & Systems add-on board				
				Assorted patch leads				
				Two BNC – 2mm leads				
				Results				
				AC driver - Inverter				
				resistor	Vin	Vout		
				100	55mv	46mv		
				1000	110mv	110mv		
				AC driver - Noninverting				
				resistor	Vin	Vout		
				100	56mv	4.48V		
				1000	56mv	540mV		
				AC driver - Voltage follower				
				resistor	Vin	Vout		
				0	456mV	480mV		
				Conclusion				
				We gained a better understanding of the types of operational amplifiers				