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And It Seems to Me That Should Be Here So I'll Place the Offset Voltage Here V_o S and Then of Course I Have V In as My Main Input Alright so We Go Ahead and Build the Circuit and We Would Like To See What the Output Contains Well because We Have Two Voltage Sources in Series We Can Just Add Them Up or if You Don't Like You Can Use Superposition so the Total Voltage That I Measure from Here to Ground Is V_o S + V in So Be Out Is the Total Voltage V in + V_o S Times $1 + \frac{R_1 R_2}{R_1}$ as We Saw Before

So the Total Voltage That I Measure from Here to Ground Is V_o S + V in So Be Out Is the Total Voltage V in + V_o S Times $1 + \frac{R_1 R_2}{R_1}$ as We Saw before Okay So this Says that in a Non-Inverting Amplifier if We Have an Offset Voltage in the Rpm That Offset Comes Out Amplified Just the Way the Input Signal Is Amplified if the Input Signal Is Amplified by a Factor of 4 the Offset Is Also Amplified by a Factor of 4

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