

Differential Signalling

Exercise 1: What are the differential and common-mode voltages for this example?

V_A	V_B	V_{diff}	V_{cm}
5	0	$5 - 0 = 5$	$\frac{5 + 0}{2} = 2.5V$
0	5	$0 - 5 = -5$	$\frac{0 + 5}{2} = 2.5V$