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	Sensor Lab - Potentioneter
3	SEUSOL TOD I BICHTOMES
-	
-3	Circuit
-	1.60to 9.93 KD 1.02 KD
3	5v M M Rest R, =
3	Ret R. =
-	niet III
-9	
-9	Vont
	Vont = 5v · (R, Rpst + R) and R, and R, S, IK Predicted (assuming pot is ideal On to loke, IK)
9	Root R. and R.
-	Prolital (assuming Pt is ideal On to loke, ik)
-	1160(160
-	Vont max = 5 v Vont min = .45 v
	Actual
	Vout max = 4.99 v
	Voit min = .47v
	V0W
	A 1 1 1/ 1
-	Angle Vont
-	0° 1 47 V Thon linear between
-	45° . 49 v angle and Voit
9	40° 60 4
-	135° , 74 v
	180° . 97 v
3	
	270° 2,94 v 315° 4.99 v
-	315° 4.99 V
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