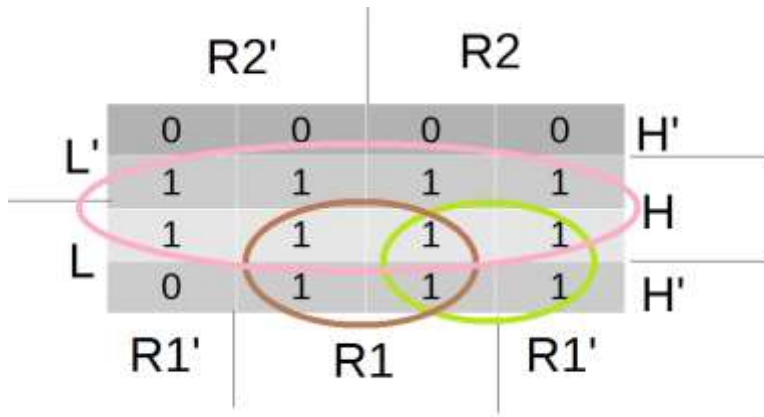


7.1 Sensor Detector

Sensor Error Detector Truth Table

Redundant2	Redundant1	Low	High	Output
0	0	0	0	0
0	0	0	1	1
0	0	1	0	0
0	0	1	1	1
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

KARNAUGH-MAP



$$\text{SoP} = \text{H} + \text{R1} * \text{L} + \text{R2} * \text{L}$$

AND-OR + NAND-NAND realization of Sum of Products

