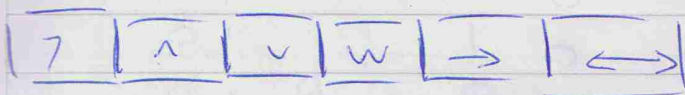


Project 1. HCL-08

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Diagrama de conectores



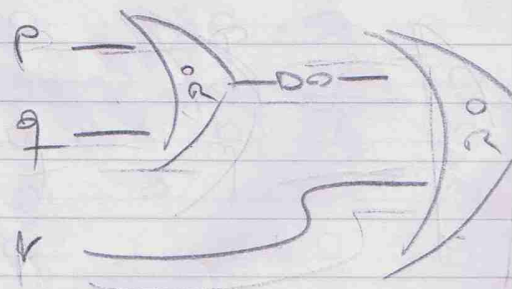
$$P \rightarrow Q \equiv \neg P \vee Q$$

$$P \leftrightarrow Q \equiv \neg (P \vee Q)$$

P	Q	$\neg P$	$\neg P \vee Q$	$P \rightarrow Q$	$P \leftrightarrow Q$	$\neg(P \vee Q)$
1	1	0	1	1	1	0
1	0	0	0	0	0	0
0	1	1	1	1	0	0
0	0	1	1	1	1	1

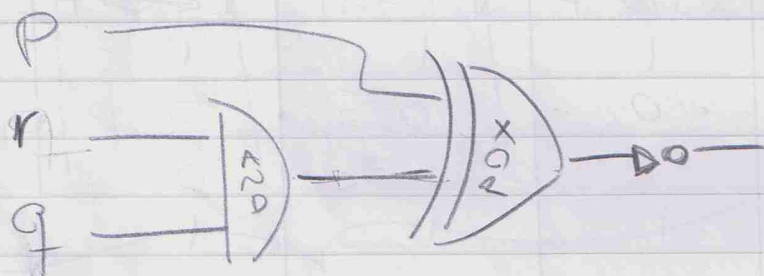
④

P	Q	$P \vee Q$	$\neg(P \vee Q)$	$(P \vee Q) \rightarrow R$	$\neg(P \vee Q) \vee R$
1	1	1	0	1	1
1	1	0	1	0	0
1	0	1	0	1	1
1	0	0	1	0	0
0	1	1	0	1	1
0	1	0	1	0	0
0	0	1	0	1	1
0	0	0	1	0	0

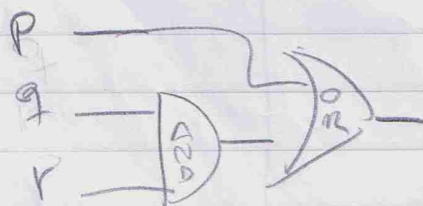




P	q	r	$q \wedge r$	$P \leftrightarrow (q \wedge r)$	$(P \vee (q \wedge r))$
1	1	1	1	1	1
1	1	0	0	0	1
1	0	1	0	0	1
1	0	0	0	0	1
0	1	1	1	0	1
0	1	0	0	1	1
0	0	1	0	1	1
0	0	0	0	1	0



P	q	r	$q \wedge r$	$P \vee (q \wedge r)$
1	1	1	1	1
1	1	0	0	1
1	0	1	0	1
1	0	0	0	1
0	1	1	1	1
0	1	0	0	0
0	0	1	0	0
0	0	0	0	0



P	q	r	$\neg q \vee r$	$P \leftrightarrow (\neg q \vee r)$
1	1	1	1	1
1	1	0	1	1
1	0	1	1	1
1	0	0	0	0
0	1	1	1	0
0	1	0	1	0
0	0	1	1	0
0	0	0	0	1

