

Stating Truth-Tree Rules for non-PL Operators

Here are three non-PL operators and their truth table definitions. For each one, state the truth-tree rule for it, and for the corresponding negation.

1.

p	q	$(p \% q)$
T	T	F
T	F	F
F	T	F
F	F	T

2.

p	q	$(p ! q)$
T	T	F
T	F	T
F	T	T
F	F	F

3.

p	q	$(p \wedge q)$
T	T	F
T	F	F
F	T	T
F	F	T

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