

Figure 1: Logic trees for $p \rightarrow (q \rightarrow p)$ and $(p \rightarrow q) \rightarrow p$

Logical Translations
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	p	q	$p \rightarrow q$
(a)	T	T	T
(b)	T	F	F
(c)	F	T	T
(d)	F	F	T

Figure 2: Truth table for $p \rightarrow q$

	p	q	$q \rightarrow p$	$p \rightarrow (q \rightarrow p)$
(a)	T	T	T	T
(b)	T	F	T	T
(c)	F	T	F	T
(d)	F	F	T	T

Figure 3: Truth table for $p \rightarrow (q \rightarrow p)$

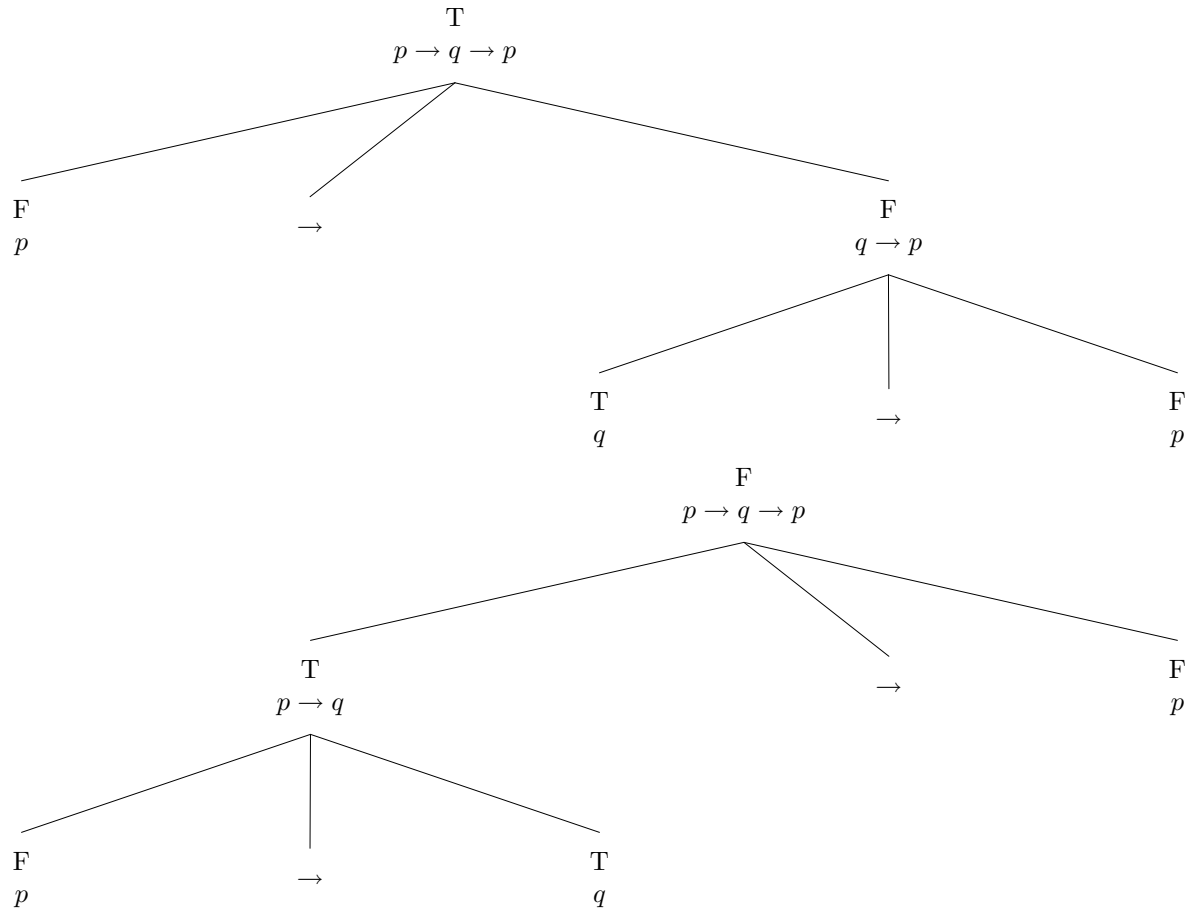


Figure 4: Logic trees for $p \rightarrow (q \rightarrow p)$ and $(p \rightarrow q) \rightarrow p$ with truth values from row (c) of Figure 3