From Grimaldi, Discrete and Combinatorial Mathematics, 5th ed., (c) 2003.

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Chapter 2 Fundamentals of Logic
Table 2.19


EXAMPLE 2.30
Establish the validity of the argument

$$
\begin{aligned}
& p \rightarrow q \\
& q \rightarrow(r \wedge s) \\
& \neg r \vee(\neg t \vee u) \\
& p \wedge t \\
\therefore & u
\end{aligned}
$$

