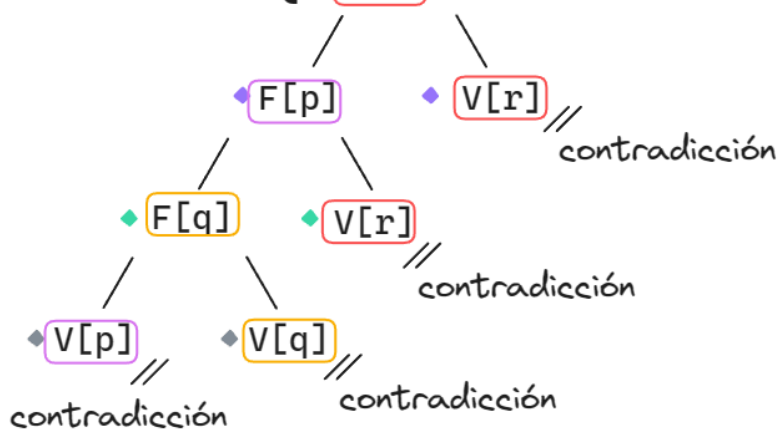


$$[(p \rightarrow r) \wedge (q \rightarrow r)] \rightarrow [(p \vee q) \rightarrow r] \quad \text{V}$$

$\blacklozenge V[(p \rightarrow r) \wedge (q \rightarrow r)]$
 $\blacklozenge F[(p \vee q) \rightarrow r]$

$\blacklozenge \left\{ \begin{array}{l} \blacklozenge V[p \rightarrow r] \\ \blacklozenge V[q \rightarrow r] \end{array} \right.$

$\blacklozenge \left\{ \begin{array}{l} \blacklozenge V[p \vee q] \\ \blacklozenge F[r] \end{array} \right.$



Como se encontraron contradicciones, corresponde a una **TAUTOLOGÍA**