d) 
$$\neg p , \neg (p \land (\neg p)) \not \vdash p \rightarrow p$$

Sea  $f : M \rightarrow h0, 1 \not = signación tal que  $f(p) := \begin{cases} 1 & \text{si} & \text{i} \neq 0 \\ 0 & \text{si} & \text{i} = 0 \end{cases}$ 

Sea  $\Gamma = \neg p , \neg (p \land (\neg p)) \not = si , \text{es claro que } f \text{ valida } \Gamma$$ 

The signal and 
$$f(x) = f(x) + f(x) = f(x) + f(x) = f(x) + f(x) = f(x) =$$