1. O ducem in FNC 1=(No ->7V1) / (V0->7V2) ~ (vo v 1 v,) ~ (7vo v 7v2) < => 5 = } { vo, 124}, { zvo, 202} 1. Ne algem Xx= Vo TA = } \ \var_1 \var_1 \} \ \T_1 = \} 7 \var_1 \\ 7 \\ 2

$$S_{2} = \left\{ S_{1} \setminus \left\{ T_{1} \cup T_{1} \right\} \right\} \cup \left\{ \left\{ T_{1} \cup T_{1} \right\} \right\} \cup \left\{ \left\{ T_{2} \cup T_{2} \right\} \right\} \cup \left\{ T_{2} \cup T_{2} \right\} \cup \left\{ T_{2} \cup T_{2} \cup T_{2} \right\} \cup \left\{ T_{2} \cup T_{2} \cup T_{2} \cup T_{2} \right\} \cup \left\{ T_{2} \cup T_{2} \cup$$

FNC = (>0 U D N U D 2) N (- - ...)

$$S = \left\{ \left\{ \begin{array}{c} v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \end{array} \right\}, \left\{ \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \right\}, \left\{ \left\{ \left\{ v_{0}, v_{1}, v_{2} \\ \right\}, \left\{ \left\{ v_{0}, v_{1}, v_{2} \right\}, \left\{ \left\{ \left\{ v_{1}, v_{2}, v_{2} \right\}, \left\{ \left\{ \left\{ v_{1}, v_{2}, v_{2} \right\}, \left\{ \left\{ \left\{ v_{1}, v_{2}, v_{2}, v_{2} \right\}, \left\{ \left\{ \left\{ v_{1}, v_{2}, v_{2}, v_{2}, v_{2} \right\}, \left\{ \left\{ \left\{ v_{1}, v_{2}, v_{2$$

$$S_{2} = \{\{v_{1}, v_{2}\}\}$$

$$X_{2} = v_{1} \mid T_{2}' = \{\{v_{1}, v_{2}\}\} \mid T_{1}' = \emptyset$$

$$\Rightarrow V_{2} = \emptyset$$

$$\Rightarrow S_{3}' = \{S_{2} - T_{2}' \cup T_{2}' \cup U_{2} = \emptyset \Rightarrow S_{3} = \emptyset$$

$$\Rightarrow e \text{ satisfiabilia}$$

Aven aft Sz.

$$\begin{array}{c|c}
f = ((v_0 \Rightarrow 7v_1) \Rightarrow v_2) \wedge (v_1 \Rightarrow v_2) \\
 & ((v_0 \vee 7v_1) \vee v_2) \wedge (7v_1 \vee 7v_2) \\
 & A \\
 & ((v_0 \wedge v_1) \vee v_2) \wedge (v_0 \vee v_2) \wedge (v_1 \vee v_2) \\
 & P \wedge (v_0 \vee v_2) \wedge (v_1 \vee v_2) \wedge (7v_1 \vee 7v_2)
\end{array}$$

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} \left(\frac{1}{\sqrt{2}} \left(\frac{1}{\sqrt{2}} \right) \right) = \frac{1}{\sqrt{2}} \left(\frac{1}{\sqrt{2}} \right) = \frac{1}{\sqrt{2}$$