$$\begin{array}{c}
(A \rightarrow (B \rightarrow C)) \land A \rightarrow (B \rightarrow C) \\
A \rightarrow (B \rightarrow C) \land A \\
\hline
D \rightarrow (B \rightarrow C) \qquad E \land A
\end{array}$$

$$\frac{[A \rightarrow (B \rightarrow C) \land A]}{A \land A \rightarrow (B \rightarrow C)}$$

$$\frac{B \to C}{(A \to (B \to C)) \land A \to (B \to C)}$$

 $(A \lor B) \lor C \rightarrow B \lor (C \lor A)$ の(AAB)人CEARRES か説明ときでいる $[(A \land B) \land C]$ ANB ANB. ANB $C \wedge A$ (CAA) BA(CAA) Br (CrA)

$$\frac{(A \rightarrow B) \rightarrow (\neg B \rightarrow \neg A)}{0 \in (A \cap B)} \rightarrow (\neg B \rightarrow \neg A)$$

$$\frac{(A \rightarrow B) \rightarrow (\neg B \rightarrow \neg A)}{(A \rightarrow B)} \rightarrow (\neg B \rightarrow \neg A)$$

$$\frac{(A \rightarrow B) \rightarrow (\neg B \rightarrow \neg A)}{(A \rightarrow B)} \rightarrow (\neg B \rightarrow \neg A)$$

$$\begin{array}{c}
A \vee B \vee C \rightarrow B \vee (C \vee A) \\
A \wedge B \vee C \wedge A \rangle \\
A \wedge B \wedge B \vee (C \vee A) \\
A \wedge B \wedge B \vee (C \vee A) \\
B \wedge B \wedge C \wedge A \rangle
\end{array}$$

$$\begin{array}{c}
A \wedge B \wedge B \wedge C \wedge A \wedge$$

mad Selection

5 (AAB) VC -> (AVC) (BVC)

[(A,B)]		V-I
A B	V-I B	, C
AVC BVC		(AVC) (BVC)
	(AVC) V(BVC)	
	(Avc) ~ (Dvc	
(AAB)VC	-> (Avc) ~ (Bvc)

ED[(AVC) A (BVC)]

6 -0

(A,B)VC

[1] -> (AAB)VC

6 -3

 $\begin{array}{cccc}
(A) & (CC) \\
(CB) & (CC) \\
(CC) & (CC) \\
(CC) & (CC) \\
(CC) & (CC) & (CC) \\
(CC) & (CC) & (CC) \\
(CC) & (CC) & (CC) & (CC) \\
(CC) & (CC) & (CC) & (CC) & (CC) \\
(CC) & (CC) & (CC) & (CC) & (CC) & (CC) \\
(CC) & (CC) & (CC) & (CC) & (CC) & (CC) & (CC) \\
(CC) & (CC) \\
(CC) & (CC) \\
(CC) & (CC) &$

 $\frac{(A \vee B) \wedge C}{6} \rightarrow \frac{(A \wedge C) \vee (B \wedge C)}{6}$

日福村、 [R] [A] MILES) AVB (AVC) (BVC) (AVC) (BAC) (A vc) ~ (B v c) [(AVB)人C]からずいるのは क्रीशंकः >८५ र AVB) (C) BOZ" TA CAJECZ" AAC CBJecz BAC

$(A_{\wedge}C)_{\vee}(B_{\wedge}C) \rightarrow (A_{\vee}B)_{\wedge}C$

$$Q \qquad A \rightarrow (\neg A)$$

$$\frac{[A]^{2}}{\frac{1}{1-A}} = \frac{[A]^{0}}{1-A}$$

$$\frac{1}{1-A} = \frac{1}{1-A}$$

$$\frac{1}{1-A}$$

10
$$(\neg A) \rightarrow A$$

$$\begin{bmatrix} \neg A \end{bmatrix}^{0} \rightarrow A$$

$$= A \rightarrow A$$

$$\Rightarrow A \rightarrow A$$

(I) -(AVB) -> (-AX-B)

[A]& -(AvB) o Te" L

12.
$$(7A \wedge 7B) \rightarrow 7(A \vee B)$$
 $A, B \neq A \uparrow A$
 $C \in CAG^{Q}$
 $C \in C$

