#1) (ANB) V (ANB) V (ANB) = AVB.

persuer metodone Hyx breno renewn:

a cuesa napafo;

XE (AAB) XELAAB > [XEAAB XELAAB] XELAAB

housyeuce Orpedeneure 50 beduneure ch-bour accoyngt. Of Eldutelliel.

no empedement Sobidimennel

XEB @

[XEANB XEANB

ucuouszyd (dodatum) no ouped.

oStedmenne

hour yeured ch-bour acces. Doeday

X => [XEA => XE AUB Oup.

#2) A1 (B) A) = A1B

® X € A B ⊕A ouped, papuscou Ocuba unpabo.

Mycun X ← B + A, pacenonmun henring Drexus ero X & BOA, morda: upedionoxum inportedure ?

=> XE (BNA)U(BNA).

ouped 2-00 Domonuer.

6 x € (Bnā)U(BnA), Ho & Dencir Buterbrocum moida no oupederenno obsedimenno: x odnobpensenno our cojurcer byen : JX & BAA $\begin{cases} \{x \in A \\ x \notin B \cap A \end{cases} \Rightarrow \begin{cases} \{x \in A \\ x \notin B \cap A \end{cases} \end{cases}$ (x ∉ B ∧ A > IXEA X&BM X&BMA Ø> {X ∈ A ∫X ∉ B ∩ A no el-by accognationed 1. udennotenthats 2. accognations ong reprosenue => ({x & A } => ({x & A \ B}) $\begin{cases} \chi \in A \\ \chi \in A \setminus B \end{cases}$ = XEALB oup pagnoctu oup. Hornoro oup. repectreme + + oup . nepecerend donemenul @ eveta namabo (A O B) IB = ANB $\begin{cases} x \in A \oplus \overline{B} \\ x \notin B \end{cases} \Rightarrow$ X ∈ A ⊕B \B oup. pagno con ⇒ MXE Ā XE B SX ∈ A } X ∈ Ø OUP inspectorery Oup. 1 , oup. DucipalyT. oup. Donornemen, zencon Idonamo Jonora.

#4.

$$\begin{cases} x \in (\overline{A} \oplus \overline{B}) \\ x \notin (A \cup B) \end{cases} \Rightarrow$$

Oup. 0

$$\overline{A} \oplus \overline{B} \Rightarrow (\overline{A} \cup \overline{B}) \setminus \overline{A} \overline{B} \Rightarrow (\overline{A} \cup \overline{B}) \overline{A} \overline{B} = (\overline{A} \cup \overline{B}) (A \cup B)$$

#5. (AUB) \ (A + B) = AMB

AMBEDIC DAIB=8