Depelo nezamene, omme, he bipno, Kontpuogens: T(A)=T, T(B)=F, T(C)=F.

Lu bipno: lAVB, 7AVCG = BVC Lu bipuo!  $\{A \rightarrow B, C \rightarrow D\} \models A \vee C \rightarrow B \vee D$ . 1. Bublemu (Lez TT). (4B) 2. Memog pezousoyiu. 3-4. Cekb. rucienns un icnyt bubegenns
(b cekb. ruch.)  $((A \rightarrow B) \rightarrow C) \rightarrow A \vee C$ Big cyrpomubnoro. Depeto zauxnene => bubegenne icnyt.

BUKOPUCTOBYNOTU TT, repebiputer: skup HAVC -> B&D, maj HA->B ma HC->D. Bukopuctobyron cekb. nuclemul ma TT, buznonuru, ru bipro: skuyo  $\vdash A L C \rightarrow B LD$ , mogi  $\vdash A \rightarrow B$  ma  $\vdash C \rightarrow D$ .

Ttepelipumo; A&C→B&D = (A→B) &(C→D)

Depelo nezalexnene.

Omne, ja TT re bipno.

Konspruggers: T(A)=T T(B)=FT(C)=F

 $\tau(\mathcal{D}) = \tau \quad (or F)$ 

Un icry+ bubegenna! ((A→C)→D)&7D)→A&7C

2/3 | Un icuyé bublegenne!  $1.((A \rightarrow B) \rightarrow (C \rightarrow B)) \rightarrow$  $\rightarrow (A \rightarrow C) 2 (D \rightarrow B)$ 2. (A->B)&(A->C)&(A->B)->7A Vu Cipuo! 3.(A2D)-(BVC) =  $=(A\rightarrow B)v(A\rightarrow C)v(D\rightarrow B)$ Ver bipno (3 buxop. TT)! 4. Skujo HAVC-7BVD, mogi HA-)B ma HC-)D 5. Skupo HARC->BVD, mogi HA-1B ma HC-9D