0] O (3x (8x) ∧ 4y ((y) =) (s(x,y) (⇒ > s(y,y)))) (800) TO (800) T (3x (BED A YY (Gy) =) (Sexis) => 7 Sty, y))) F & Bulbon 1 1 (m) T B(a) N 44 (44) => (sta, 4) (> 7 (s (44)))) [x [a] T B(a) T YY (CLY) => (SLAIN) => 765 (BILLY)) [YI A] T & C(a) => (s(a, a) (=> 7 s(a, a)) (x1 a) (y1 a) F (la) T Slaid (=) 7 Staid) T SLAID F (B(N) N7 C(M) TTSLALAD Contradiction F BON All branches of Tableau & ome closed so its walld

[BN (A(W) D BOW) (=> (VX & Are => 3x BOW) (WE CE WA) WE F FULLAW => BOW) T to AM I DE BOOK T E ANAMA SER Ix A(x) F Yx Ax T Ju Box B(M) FACOSTELAT TA(O) => B(O) [x] a] (FALA) T B(ON) F/ Aras => Bos/xla] TYRAN (TA(a) T YNAM FJNBN FBNBN F 18 (0) 12 Bastua TAIONLEIA This Branch is elosed. PACON => BCON [2 1a] Since all branches are closed T ACON Z B(a) so tableau is eto sed-This Branch 18 also closed

F Jx Axx = 3x Bxx

F Ax (Axx =) 3x Bx

F Ax (Axx =) 3x Bx

F Ax (Axx =) 3x Bx

This branch is open, so

Tableau snot

(based and

1 Ax Axx

T Bx Axx

T Bx Axx

T Bx Axx

T Bx Bxx

T Bx Not

T Bx Axx

T Bx Not

T Bx Axx

T Bx Not

T Bx Not

A: Aido passed the exam

B: Buno " " "

C: Cano " " "

B CN 7ANTB

TANBNC

(ANBNTC) V (TANBNC) V (TANBNC)

(ANBNTC) V (ANTBNC)

(ANBNTC) V (ANTBNC) V (TANBNC)