0= 1 A= (2,) 1+ 01 VII (1181) = 211 V11 + V11 01 = 211 Di = 211 - Di 01 Mi = di ASZII & SZII=-00. 118411) =/(0,0,1)

I = C1] C"0] = 0 12911 - 10,0,1 = 10,0,1 5 r, |0" | 8 10:158, = 8 N U " = 80 111 1011 / = 80/11/10/ 193") 7 8" 15/10,1 (AA) < 8, (2) 10)

D' "induction A00 + A A00 = 000 10001 / 2 / 100 A A) A-E P(nH) (NH) $A = \frac{A_{00} + A_{01}}{a_{10}}$ $A = \frac{A_{00} + A_{01}}{a_{10}}$ 1000/ 1001 100 / 100A / [12A00] < Snx1 /200/1000 / Car) > Using Treprem 6.4.1.3

y = CLADLJX 1971 = word (984) 17) 9= Ex 4DZX 1 2 x - y = 1 D L x) 10 Lx 1 = 10 L1 121 < 0 n /2/ 1x) L 00 V01 = a01 - D200 V01 Jeting 8 901 = - 1 Los Voi 180001 = /ALOO (1001) 2 dan 1200/ 1Voil [8 a0 1 - 2 8 nx1 1200 1 1001

on = di - lio 001 for given 0 = g-Ar. 0 = 7 -AX 480 where SU Z 8 n /A/12/4 8,18 < 8 n (121 21 216) 80 = 84 0 = y-Ax +8 y (1 01 1- 181 181) nb > B U11 = 2/1 - 110 Voi 10 211 = 211 - 110 7 UD1 ADD11 80U-3

> 100 000 = a07 Ding East 000 100 = a10 (U107 A DU 007) Los = a0 010 100 + A 000 T LO = 010 ano = 100 000 + 100 100 10° 1000 = an dans = | Lo 1 00) 1 8 00 1 < (2107/1801/00) > = yn (10/1 / 1/va) < 8n+1/200/100) W4/18 a6/1

Acing 800 -1,27 3, 4 (400 AD ADO 1 001 ASON) = (Los vos / Los vos / Nos / $= \left(\begin{array}{c|c} 20 & 0 \\ \hline 21 & 1 \\ \hline \end{array}\right) \left(\begin{array}{c} 20 & 20 \\ \hline 0 & 20 \\ \hline \end{array}\right)$ (Lo vo + 0 | Lo voito)

10 10 0 to | 10 vating Which implies (A00 | a01) + (Dao | 8 aon)

do 1 21 | Jan 1 dan (10) (00) (00) (10) (00) (00) (12 Apro 1/ 18 april) 2 18a 10 / Sdu 8 n to 1 L to 000 Loval 2 8 mH (200 0) (200 00) Love for alla vesult hilds