Monday, October 4, 2021 9:38 PM				
lecture 8: 02 P 70 Éxercise.				
'if George does not have eight less then				
he is not an Ouseel".				
" Cacotge is an Vilugeet".				
" George has eight light.				
P.				
P. g				
$(70) \rightarrow (79)$				
Property by MT.				
9				
· D				
·· · · ·				
Principle of Resolution: P64.				
l variable de la company d				
literal: A propositional Verialle of its Neatron.				
Clause: A disjunction of literals.				
Prg Trug				
791719				
$Q \rightarrow Q \rightarrow Q \vee Q$				
Ex P65 P1 P C1 P - P7Q = 7PVQ.				
PAID				
CL TPVQ.				
\sim \sim \wedge				
C. C3 7Q.L				
from C1, C2. Q - 40				
1 m 01/ca. C = 4				

from C1, C2. Q - 40 from C3,4 U - 5. PTQ=TPVQ. Ex11-65 P1 T -> MVE c1 TTVMVEV P2 5 -7 TE 75 V 7 E V Cd. P3 TAS C3 T V 51/ C :. M. CY **C5** JM.V 7TVMV75 -6 from c1, c2. from C3,6 MV73 -M _____8 From C417. fim C518 I — 9. ENG: P62 P1 -1P1Q. C1 TPV a. P2 + -7P. 4 TOVPV. P3 -18 -75 **C3** py 5-76. 8 V5 V 4 c. .. E. 75 Vt ~ **C**5 76.1 **C6** from C1, C3 11 - 7レ from C417. S -Cm CSiB

from C518 t ____ 9 L

From C619 []

Ext - 862: P1 P-79 C1 -7P V9, L

P2 -78 C3 -71 V S.L

C3 -79 L

C4 -79 L

C5 -75 L

ENS (63). = EN 11(65). From C3,6 9,78 — 6.
From C4,7. S — 48
From C4,7. S — 48

Exq→P62:- P1 L→A

C1 ¬LVA.

P2 E→¬I

C3 ¬AVE

C ... L→¬I. C4 L

C

HM C41T	11	<u> </u>
tim C417		(<u>~</u>
fam CS18		(9)