Enles of Japane lec # 9:-Argument Valid Argument. ((PINPIN--- NPN) → C) Tantology. Fallacy. Observation:

1) Order
2) lots of lules. Priveiple of Resolution. literal: A propositional Variable or its Negation. Clause: A disjunction of liturals. 1PNY, PNXV79, PV7P. CZ How to make clauses. P19 } P CM. P→9 = TPV9. P65 P2: P-7Q C: : Q. Pera = Pra A arp. (7846) K2016) 79×9. C1:- P CZ: TPVQ V P Resolution -

C2: - TPVQ V

Resolution.

FVP

C4: Q Prom C1, C2 V C5: 11 C3, C4. PV 9.
-79 V 6
: PV8.

-', FVQ.2 Q.

P65 P2: T→ MVE

P65 P2: S→ TE

P3: TAS

C:- : M

C2: TIVMVE . V

C2: TSVTE V

C3: T V

C4: S V

C5: TM.

C6: -TVMV7S from C1:C2. V C7: MV 7S U C3:C6 V C8: M 11 C7:C1 V C9: 0 U C5:C8

P62 P2: 7P19 P62 P2: 67P P3: 787S P4: 57E Ex7: P2: P79 $P62 \qquad P2: \tau P77$ $P3: \tau \rightarrow S$

7(79,75)

the disjunction of two Contingencies can be a fauldogy.

there exist x, x is Continguey, there exist y,

y is Continguey, the disjunction of x & y Can be a

floory) z? ? ...

3×3y P(reg).

Xy & Set of Continguey.

P(x) 2 P(L) VP(L) VP(3) (1+325) V (2+325) V (3+325). PVTVP2T.

