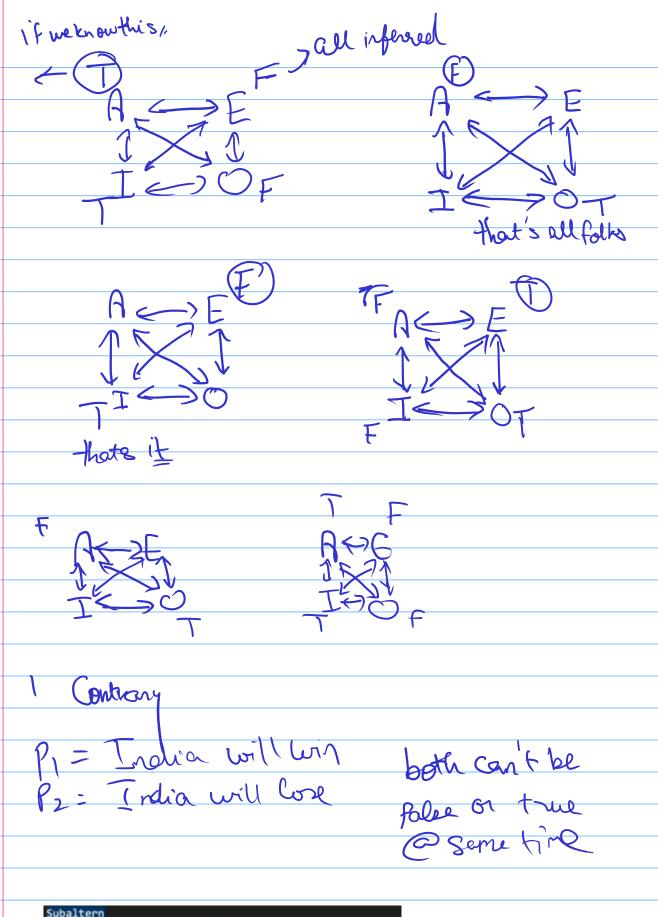
AU Sis P Contradictory

One is true => other is false

false => true Some 8 openot P Contrary: One istrue - false Contrary Describer one of them

Must be false Subcontrary: both can't be false but nong/can be false folsity "upward" Subset almostre / huth Sobooically (Some S=P) is none S=P =) A i's false = 11 but not comerally but ! a -> ! b (moders)

There of opposition



Subaltern

what is true for whole is true for some if A is true then I is also true if F is true then O is also true (truth flows downward and falsity flows upward) for

	$\rho = A/I$
	Pr All such people or ent Pr All sprans have 4 sides
	12 All spyris have 4 sides
	7 2 1 7 5 1 2 2 2
	Pr Can be Tor F Evilness's not assential
	P2 Can be To F Evilher's not assurtal P2 Can must be F 48 icles is essential
	\bigwedge
	Dependendent on world
	Dependendent on wold Defined as 80
	Contragency C proposition can be true on Palse, Upendent on real world)
	· Oliperdent on oreglinoid)
	Contradictory for alongs false frozopon hans (Disprine)
	Tatitology always true proporitions C Repea is quilty or not quilty)
\	C Replea i's quilty on not
\	College and the second of the
	Cant sty X depends on 9 =) 1 scentifient on 4
	Cant say x depends on y => Xiscontingent on y They are neither tautology non fallacy
	St Contradiction
	of Contrator Clon
	A stritument is a contradiction if it contains
	A statement is a contradiction if it contains ponts that are contradictory to each other
	P = The ball is blue B: The ball is blue and not
	P = The ball is blue Q: The ball is blue and not ~P = The ball is not blue blue > Contradiction

Contradiction vs. Contradictory.	
A statement is a contradiction if it contains parts that are contradictory to	
each other.	
Suppose only two coloured balls are inside a bag. I draw a ball and make the statement:	
P = The ball is blue.	
~P = The ball is not blue.	
Q = The ball is blue AND not blue.	
Q = P AND ~P	
Here, since P and ~P are contradictory to each other, the statement Q is a contradiction. Q will never be true.	

4. Subalteration

	4 Supaciciano
Sypealten	A; All oranges one rotten Aistane
Subaltan	
	I is true & A 1strue
	But I is false => A is false
	1 is subcutern
	E istrue => Oreture Orsfalse => Ersfalse
	Square of opposition is used in order to draw immediate inference on
	the basis of logical opposition.

Immediate inference = Inference that can be drawn provided one proposition.

Provided only one proposition, you can infer a new proposition.

Logical oppositions = Relationship between categorical propositions.