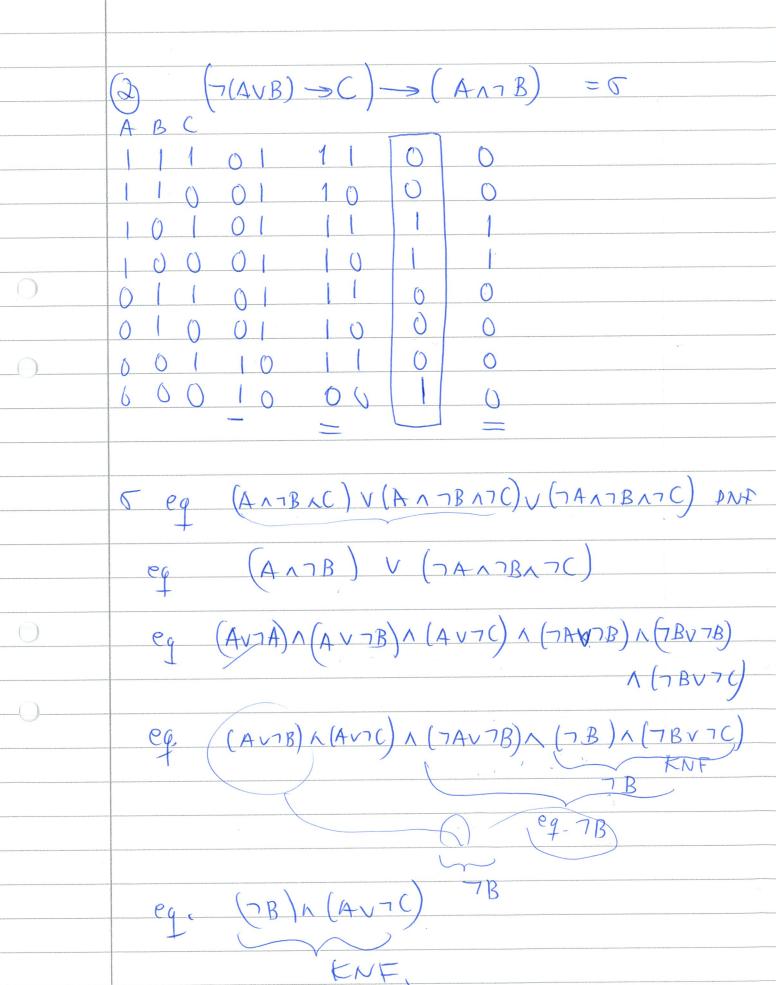
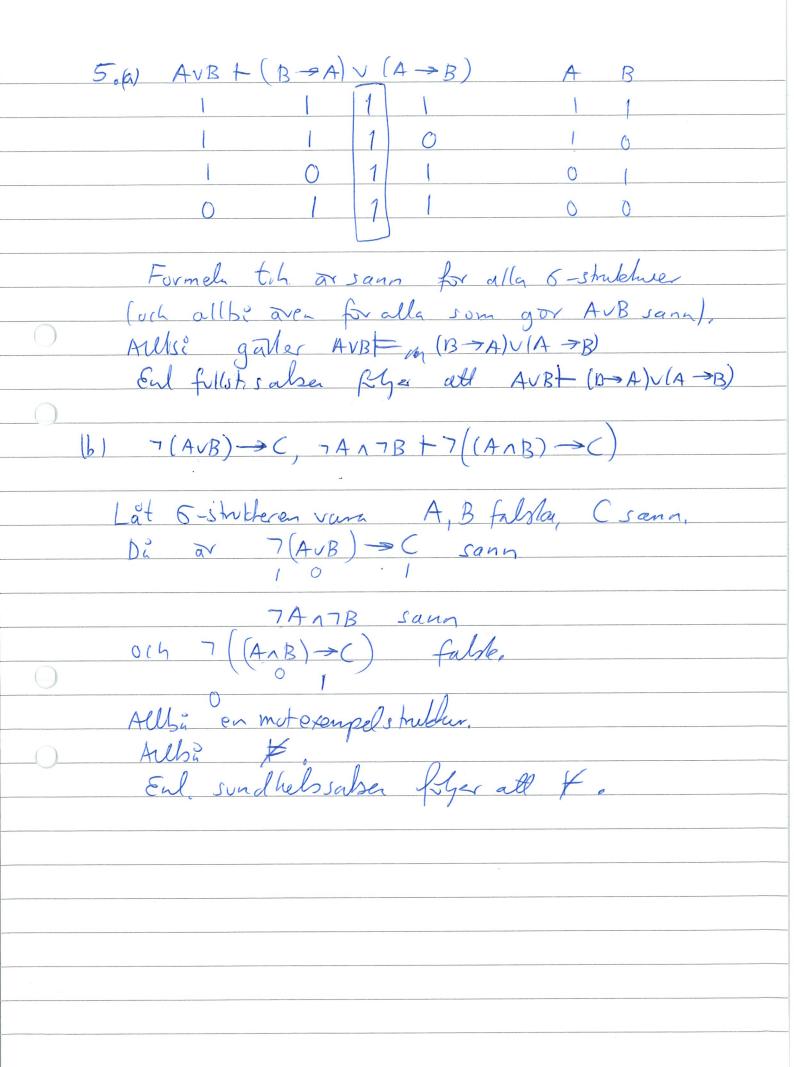
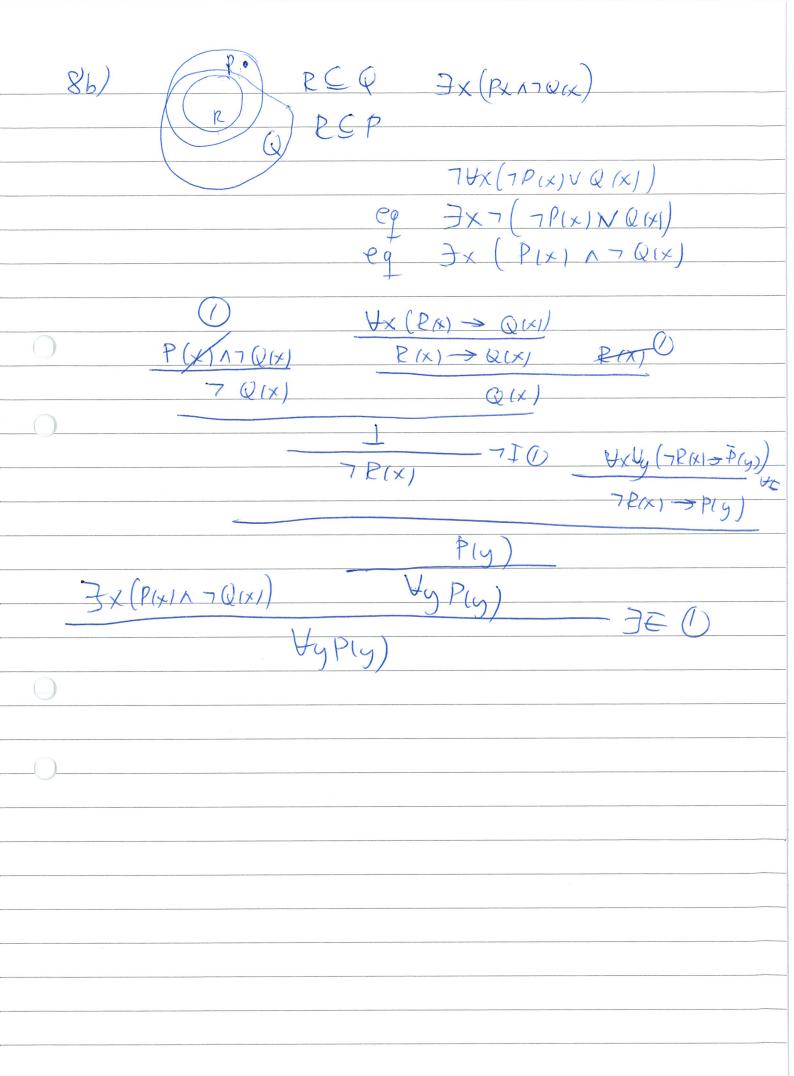
2019-04-16



(3) a) A -> B + 7(An-7B)
AATB NE
$A \rightarrow B$ $A \rightarrow B$
B 7B 7E
7 (An7B)
b) A, BUC H (ANB) V (ANC)
,
AB VI AC VI  BUC (ANB)V (ANC) (ANB) V (ANC) VEUE
An B VI An C
Ry( (AaR) V(Aa()
 DVC (AND)V (MC) VEUS
(ANB) V (ANC)
 $4 \rightarrow (R \cup C) \pm (A \rightarrow R) \times C$
4 a A → (BvC) = (A → B) AC  Betath o-shubhuan A sann
B, & fallen
Comm
 Du au A→ (BVC) fann, men (A→B) A ( falske
b) $(A \rightarrow B) \lor C \models A \rightarrow (B \lor C)$ gather
$A \neq B \qquad (2)$
B
(A→B)V( BVC BVC VE() €
BvC →I3
A > BVC PX+ stammer oul sundhelosder,
 And designed a second s



	6. 6	P(c, F	x E 1 (15)	Hy (x = y V	P(x,y))	
					· ·	
	structur	Or sa,	DET			
	. 1		B*T.			
	B : 1	N Z	ar O	F(n)=1	1+1 , Par <	
	0 <	< 0+1	och det fin	w of xx	1+1 Par <	,
	B		c = 0		,	
			F = +1	Par	< .	
	Man	2 ha	uncet mis	isla ole	•	
			7			
•					$x \doteq F(y, z)$	
			He stood pr		(9)9/	^
	9) 0 10	$\exists \times \mid P$	(x) x Hal	$P(u) \rightarrow 0$	$\overline{\xi}(y,x) \vee y = x$	
	T : De	t Fund	incet stock	market:	( ( ) ) ( )	_
		7	rugetstoch	process		
(	20 4	((P(4) > P	(x1) ~ H	x (p/x) -76A	a)	
	8a H	$P(x) \rightarrow$	P(x) P(x)	P(x)->7	ONI	
	200	PKI	L (r)	7Q(x)	<u> </u>	
	[ANDIX]	FIA	RIXIA	7 Q(X)	_	hitalian
-0-	LANG G				TE CRANE	
	7xP1x1		JX ( P(x)	M Q (XI)	— 7FM	
		7x(7	2(*)~7Q0	k))		
				/		-



$9.a1 + (\forall x P(x) \rightarrow \forall x Q(x)) \Leftrightarrow \forall x (P(x) \rightarrow Q(x))$
Motexempel: A= {41} P= {0}, Q={1}
b) = 3x (P(x) \Q(c)) => 3xP(x) \Q(c)
Gala:  (>) P(x) x Q(c) P(x) x Q(c).
$\frac{P(x)}{\exists x P(x)}$
3x(PXAQC) 3xP(x) AQCC)
3xP1x1xQ(c)
= 3xP(x) \Q(c))
$\frac{\partial P(x)}{\partial x} = \frac{\partial P(x)}{\partial x} = \partial $
$\frac{1}{3} \times (P(x) \wedge Q(x)) = \frac{1}{3} \in (1)$

----

.

