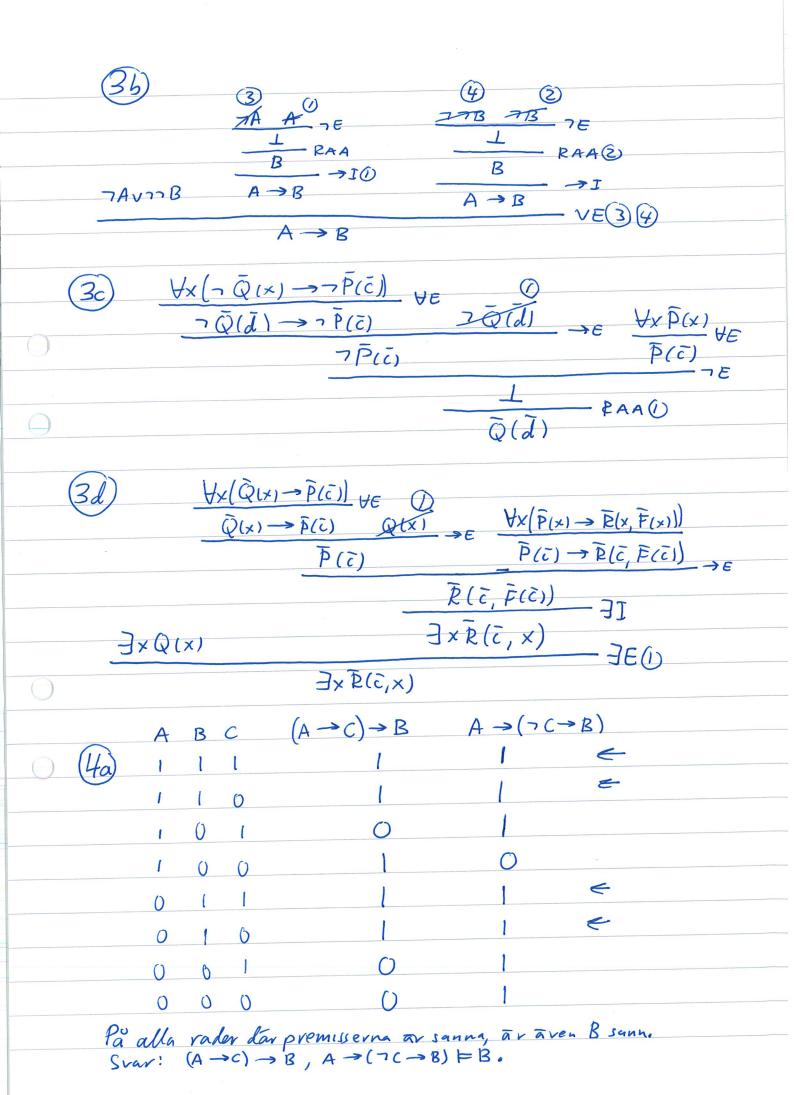
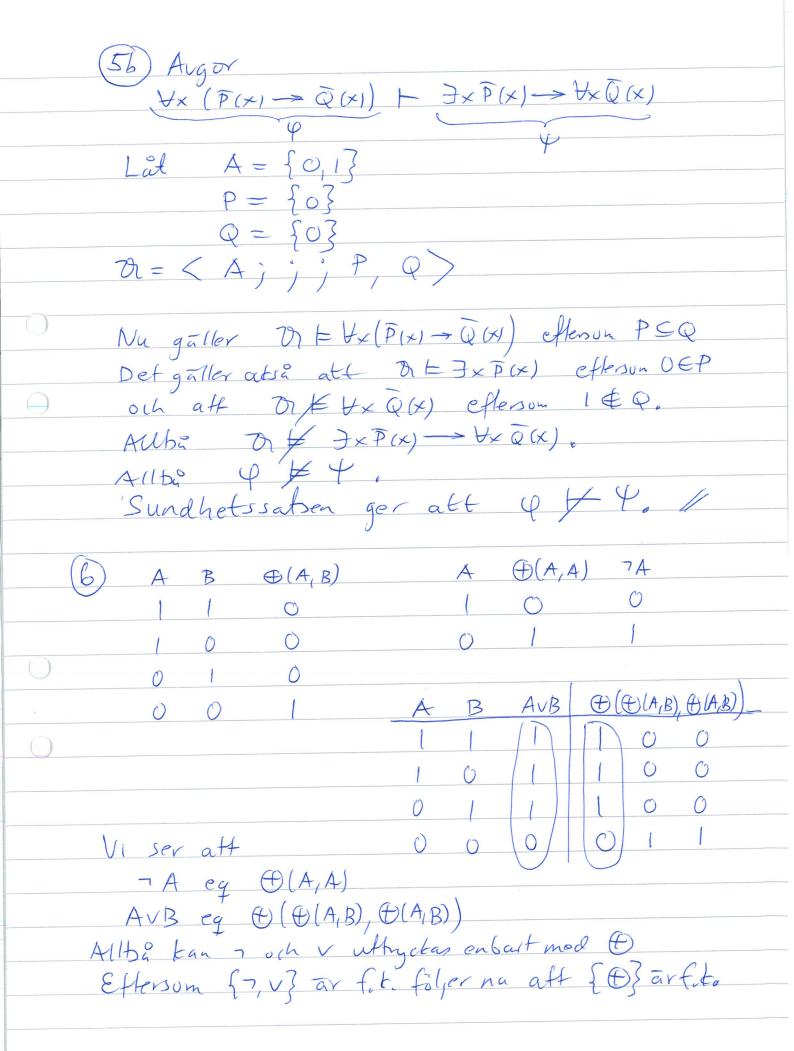
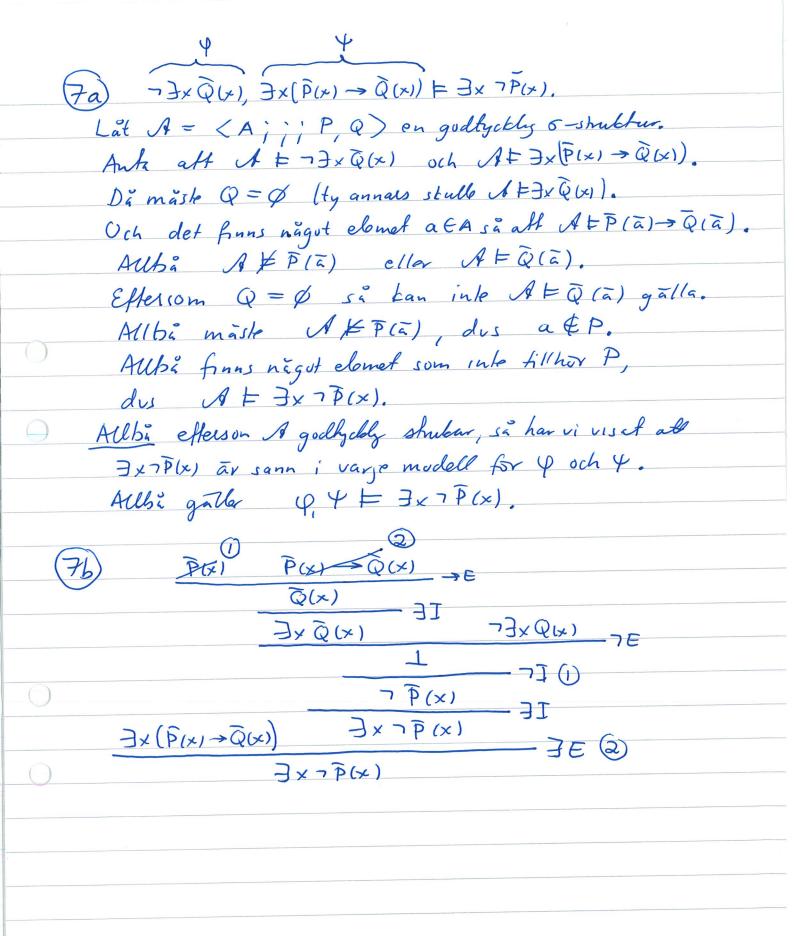
2020-06-01

 $(AV7B) \rightarrow (C \rightarrow (AAB))$ DNF: (AMBAC) V(ANBARC) V(ANBARC) V(74ABAC) V (TANBATC) V (TANTBATC) eq. (ANB) V (ANTBNO) V (TANB) V (TANBNO) (AAB)V(7AAB) V (7BA7C) ey (BV7B) A (BV7C) (TAVBV7C) A(AVBUTC)



	(46) Avgor
	(4b) Avgor ∀x(P(x)→Q(x)), ∃xE(x), ∃x(Q(x)xE(x)) ⊨ ∃x¬R(x) √ √ √ √ √ √ √ √ √ √ √ √ √
	TO T
	Lat $A = \{0,1\}$
	$P = Q = \emptyset$
	$R = \{0,1\}$
	$\mathfrak{D} = \langle A; ; P, Q, R \rangle$
	Då galler
	VIEQ efferson PSQ
	7x = 4 effersom R = 8
	DET efferson RAQ=0
	Men & F Jx 7 P(x) effersom alla element, A
	tillher R.
	Allsi ar Dr en metexempelshukher.
	Allsig har vi Q 4 T \$ 7x7 E(x).
	(5a) Agar F(x) > YxQ(x) + Yx(P(x) - Q(x))
	$\frac{\mathcal{A}(x)}{2\pi}$
	$\exists x P(x) \rightarrow \forall x Q(x) \rightarrow t$
	$\frac{\forall \times \overline{Q}(x)}{\overline{Q}(x)}$
	$\frac{\mathbb{Q}(\times)}{\mathbb{P}(\cdot)} \to \mathbb{I}(\cdot)$
	$\frac{P(x) \to Q(x)}{P(x) \to Q(x)}$
,	$\forall x (\bar{p}(x) \rightarrow \bar{Q}(x))$
	Allba stammer pastrendelo





8) $6 = \langle C, F, \overline{R} \rangle \text{ av stallight} \langle 0, 1, 2 \rangle$ φ , $\forall \times \neg \widehat{R}(x,x)$ $\psi_{z} \qquad \forall x \forall y \forall z \ (\overline{R}(x,y) \land \overline{R}(y,z) \longrightarrow \overline{R}(x,z))$ $\psi_{z} \qquad \forall x \forall x \forall x \in \overline{R}(x,z)$ $\Psi_3 \quad \forall \times \mathbb{R}(\times, \overline{\mathbb{P}}(\times))$ A = < Aj & j F ; P > en 5-struktur. (a) Anh At 4, 192993. (b) oberoende P1, P2 # 43 $P = \{(1, 2)\}$ < F(x) = xForstor translin (41, (1,2), (2,3), (3,4), --P11 83 # 82 F(1)=2 P={(n,n+1):nEN} F(z) = 3 F(n) = n + iψ2, Q3 ¥ 4 $P = \{(o, o)\}$ F(0)=0 $A = \{0\}$ C) Antey AFRAY, ny, och antag att A andlig sängelk tass Låt a EA. Satt a = F(a). Nu ar R(a, a) och a ≠ q enl q, och p3. Satt az = F(a,). Nu ar P(a, az) och a, taz enly, och dessuton, ent le folgeratt az tav. Osv. vi ban på della Satt stope on vandly fold av olive element au a, a, azz---.