EXAM 10.02.20

Yx (pr(x) 1 7 WBE(x))=> 7bF(x)

 $\forall \times (Pr(\times) \land in My PC(\times)) = 7 PrP(x)$

 $\forall x (prP(x) \wedge in My PC(x)) = 7bF(x)$

CMF

721(x) V WBE(x) V 7 bF(x)

They are all horn!

UB=37pr(x), WBE(x), 7bF(x)33,

TPr(x) V TinMy PC(x) V PrP(x) } ZTPr(x), TinMy PC(x), PrP(x)32

7 prP(x) v7 inMyPc(x) v bF(x) } 7 prP(x),7 inMyPc(x), bF(x)323.

The thesis is: $\forall x (pr(x) \land in MyPE(x)) = 7 wBE(x)$. I have to negate it! 7 (∀×7pr(x) V 7 in MyPc(x) V WBE(x)) → {pr(R)34, } in MyPc(R)35, ZWBE(R)3

2 and 3 => 3 -> pr(x), - inMyPc(x), bF(x)3+

4 end 8 => 2-pr(x), -inMyPc(x), wBE(x)38 4 end 8 => 2-inMy Pc(R), wBE(R)39

9 and 5 ⇒ { wB∈ (R)}310

6 and 10 => 73

 $\forall x (B(x) \land C(x)) => S(x)$

 $\forall \times (C(X) \land S(X)) \Rightarrow B(X)$

3×(c(x) AS(x) AB(x))

 $\forall r \exists y (C(y) = > W(y_i r))$