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Assignment 5
Freitag, 19. Januar 2024
                  17:44
      11 = 3
      iii = 1
                                             Spring 2009
 2 (b) \forall x \forall s \text{ takes}(x_1 f_1 s) => passes(x_1 f_1 s)
 3 (c) = x Talies (x, Gissog) 1 ty x x y Talies (y, Gissog)
 4(d) Ys = Tx +y Seon (x1G15) > Score (y1f15)
 5(e) \frac{1}{x} Hz Person(x) 1 Buys (x1Policy 17) => Smart(x)
((f) ]x V= Agent(x) Merson(z) Molls(x, policies, z) 1 7/nswed(z)
                            Antibiotic (John)
                               Bact (Iohn)
                                              Phleghm (John)
                    F(30hn)
                                 Cough (John)
             Temp (30hh)
                                 1, L(x), Place(x,S)
                          \forall y \forall \chi \ \mathcal{O}(x) \ \mathcal{P}(x, y) = \mathcal{I}(x) \ \mathcal{P}(z, y)
                                                                                                   1 = *
                                7D(x) x7P(x/y) v(L(z) p(z/y)
                                10(x)v1P(x14)v1(z)v1P(z14)
                                 7)(x) v 1p(x, S)
                  I. \forall x \forall y \exists z \quad D(x) \Lambda P(x,y) = 2 (4z) \Lambda P(z,y)
                      Strolem:
                          ]== f(x1y)
                                                                              7 (Olx) 1 P(x14)) v ((f(x14)) 1 p(f(x14),4)
                               D(x), p(x,y) => ((f(x,y)), P (f(x,y)) 14)
                                                                            De Mergan:
                                                                              (70(x) v 7P(x1y)) v L(f(x1y)) A P(f(x1y),y)
                  II. \exists x \quad \mathcal{D}(x) \quad \lambda \quad \mathcal{P}(x, 5)
                                                                              70(x) v ip(x1y) v L(f(x1y) , 70(x) v 7P(x1y) v p(f(x1y)1y)
                    (Constante = W
                    \exists x = W
                       D(\omega) \lambda P(\omega,s)
                   III. 72 L(2), P(2,5)
                      Restark = M
                      M= 3E
                        L(M) AP(MIS)
                a = L(M), P(M,S)
              TX = TLLM) VTPLMIS)
          KB:
51:72 = 76(M) v7P(Mis)
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SS: 70(x) v 7P(x1y) v P(f(x1y|1y))

Resolution: Bei der Resolution man 1 "Ding" pro step pruner ode Coschen

Sz: 0(W)

53: P(Wis)

54: 7D(x) x 7P(x14) x L (f(x14))