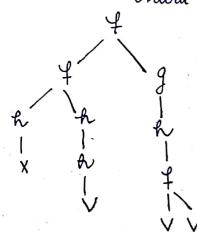
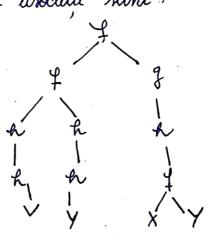
Choxma Laura - Plena Grysa 244

Examen

Rexolvam problema de unificare: \$(\$(R(X), R(R(V))), g(R(f(V,V))) = \$(\$(R(X(V)), R(R(Y))), g (A(Y(X,Y)))).

Arborii di expresii asociati sunt:





Initializare: 5= \$ R = \$ \$ (\$ (\$(x), \$ (\$(V))), 9 (\$ (\$(V, V)))) = 4(4(R(V)), A(A(Y))), g(R(4(x,y))))}

Descompulare: S= p R= 1 f(h(x), h(h(V))) = f(h(x (V)), h(h(Y))), g (R(f(v,v)))=g(R(f(x,y)))y

Descompular: $S = \phi R = \S h(x) = h(h(v)), h(h(v)) = h(h(y)),$

 $-h(\Upsilon(V,V)) = R(\Upsilon(X,Y))$ Denonyment: $S = \emptyset$ $R = \{ X = R(V), R(V) = R(Y),$

4(v, v) = 4(x, y)

Descompusive: $S=\emptyset$ R=3 X=R(V), V=Y, Y=X?

Rexelvan: $S = \{V = X\}$ $\mathcal{R} = \{X = \mathcal{L}(X), X = Y\}$

Chum $X \in V(h(x))$ (variabila X spare in termenul h(x)) re iere au erre. Termenii mu unifica, nu au unificator.

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7 legoditi (Chine, Chu Cine)
                              1 logoditi (B,F), 7 place (B,F), 7 place (F,B)}
                              3 B / Chine, F/ Bulline
                   7 place (Chine, Cubine), 7 place (Chubing Chine)
                         / { place (B1, F1), 7 barbat (B1), 7 femere (F1),
                                         -1 ochi (F1, violeti) }
                         & By Chine, Fr 1 Bulline }
        7 place (Culline, Cine), I barbat (Cine), Jameie (Culline),
                    7 barbat (B2) 3. 7 ochi (Ber Bine, violeti)
                   1 Chine / andrei, Bz/andrei J
   7 femeie (Cultine), 7 ochi (Cultine, violeti), 7 place (Chulline, andrei)
                9 femeie (Fz)}
             / Jehn Bine / Larmen , Fz / carmen }
   7 ochi (carmen, violeti), 7 place (carmen, andrei)
           / i ochi (cormen, veoleti)}
    7 place (carmen, andrei)
           { place (F3, B3), 7 femere (F3), 7 barbat (B3), ochi (B3, alberti)
        {F3/carmen, B3/audrei 3
  7 femeie (carmen), 7 barbat (andrei),
            7 ochi (andrei, albartri)
         /{femeie (sarmen)}
  7 Sarbat (andrei), Tochi (andrei, albartri)
        / 37 barbat (andrei) \ 3 7 ochi (andrei, albastri) }
   7 ochi (andrei, albartri) 7 barbat (andrei)
       Asadas, solutia data de prolog electrata in subsborele
SLD este: Cine = andrei, Cu Chine = carmen. In continuare
voi numerota predicatele si voi indica dei ce mod posneso
си ехраништеа.
 1. barbat (alex). e. barbat (anetru').
 3 ferneie (ana). 4, ferneie (carmen). 5, ferneie (elina).
 6. Lemeie (maria). 7. ochi (alex, negri). 8. ochi (ana, caprui).
10. ochi (carmen, violeti). 11. ochi (elena, verzi). 120chi (marià,
 caprui). g. ochi (audrii, albartri). etc.
                                                                  -2-
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CX 2.

den nodul Tplace (Chine, Checkine), 7 place (Cu Chine, Chine) /(14) 9 B/ Berie, F/ Chu Chine J 7 barbat (kine), 7 femeie (Chulline), Tochi (Culline, verzi),
7 place (Chulline, Cine) (5) / Egyptine / eleva f 7 barbat (Cine), 7 oche (elena, verzi), 7 place (elena, Chine) / (11) 7 barbat (Cine), 7 place (elena, Chine) / 3 Cairie Jandrei } 7 place (elena, andrei) / (15) / 3/31/andrei, F1/elena J 7 femeii (elena), Ibarbat (andrei), Tochi (andrei, albastri) (5) 7 barbot (andrei), 7 ochi (andrei, albastri) (9) 7 barbat (andrei) 7 ochi (andrei, albartii) Solutia ganta este: Ceine = andrei. Culbine = elena.

7 place (Cine, Cu Cine), 7 place (Cu Cine, Bine) Plecane din modul: / (15) 3 F/Bine, B/Bulbine y 7 femeil (Chine), 7 barbat (Chuchine), Jochi (Chuchine, albastri) 7 place (Chu Chini, Gine) Selvine / carmen 3 7 Sarbat (Chu Cini), 7 ochi (Caulaine, albastri), 7 place (Chu Chine, /. (2) ? Cubine / andrei} 7 ochi (andrei, albastri), 7 place (andrei, carmen) 7 place (audrei, carmen) / (15) 3B1/audrei, F1/carmen) 7 barbat (audrei), 7 femeie (carmen), 7 ochi (carmen, violeti') 7 femeril (carmen), 7 ochi (sarmen, violeti) 7 femeie (carmen) 7 ochi (cormen, violeti) /(10) Solutia data de prolog su ajutorul subarboreliu este: Cine = carmen. Cu Cine = andrei

Plecam din modul 2 coresponitator paginii 4 si oblineme: 7 femere (Bine), 7 barbat (Culberie), 7 ochi (Bu Chine, albartri), 7 place (Chu Cherie, Chine) (5) / Chine I elena? Ibarbat (Gulline), 7 ochi (Gulline, albartu), 7 place (Culbine, elina) / (2) ? Chu Chine / andrei ? 7 ochi (andrii, albartri), 7 place (andrii, elena) 7 place (andrei, elena) /(14) /{131/andrei, Fr/elena) 7 barbat (andrei), 7 femeie (eleva), 7 barbat (andrei), 7 femeie (elena), 7 ochi (elena, veoleti') 7 ochi (elena, verzi) (5) /(2) 7 borbat (andrei),. 7 femere (elena), 7 ochi (elena, vezzi) 7 ochi (elena, violeti') (5) (2) 7 ochi (elena, veoleti) 7 ochi (elena, voszi) / (11) Solutia data de prolog este: Chine = eleva. Culbin = andrei An ilustrat si o ramura care mu de solutie.