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Taiyuan University of Technology

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离散数岁
                                                                                                                                                                      B) (7pV7g) -> (p4>7g)
    (1) (p->g) (>) (
                                                                                                                                                                          母マ(79頃) V(p母な)
                                                                                                                                                                         => 7(7p V7g) V I(7p V7g 1 (pvg)]
      主桥顶莞式:
         (7p \vee q) \leftrightarrow (7p \vee q) \leftrightarrow (p \wedge 7q) \vee (p \wedge 7q) \vee (17p \wedge q)
((7p \vee q) \rightarrow \gamma) \wedge (\gamma \rightarrow (7p \vee q)) \leftrightarrow Z_{1,2}B
(7(7p \vee q) \vee \gamma) \wedge (7r \vee (7p \vee q)) \leftrightarrow Z_{1,2}B
(7(7p \vee q) \vee \gamma) \wedge (7r \vee (7p \vee q)) \leftrightarrow Z_{1,2}B
 \begin{array}{c} \Rightarrow (7(7pvq)v\gamma) \wedge (7\gamma v(7pvq)) \\ \Rightarrow ((p\wedge q)v\gamma) \wedge (7\gamma v 7pvq) \\ \Rightarrow (pv\gamma) \wedge (qv\gamma) \wedge (7\gamma v 7pvq) \\ \Rightarrow pv (pv(qv(7q->\gamma))) \\ \Rightarrow p\wedge (7qvq) \wedge (7\gamma v\gamma) v (pv (qv(qv\gamma))) \\ \Rightarrow p\wedge (7qvq) \wedge (7\gamma v\gamma) v (pv (qv(qv\gamma))) \\ \end{array} 
   (¬(¬pνq)νγ)Λ(¬γν(¬pνq))
$ (fpvr) \ (qvr)) \ (\(\p\v7pvq)
 ((gvr) \((gvrg) \((gvr)) \((gvrp))) = mool V molo V
                                                                                                                                                                                                          VMIII
    1 (7rv7pvg)
  $\(\prig\lambda_{7\gamma}\r)\(\prig\lambda_{7\gamma}\r)\r)\(\prig\lambda_{7\gamma}\r)\r)\(\prig\lambda_{7\gamma}\r)\r)\(\prig\lambda_{7\gamma}\r)\rangle\(\prig\lambda_{7\gamma}\r)\rangle\(\prig\lambda_{7\gamma}\rangle\r)\rangle\(\prig\lambda_{7\gamma}\rangle\r)\rangle\(\prig\lambda_{7\gamma}\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\rangle\ra
                                                                                                                                                                                             (¬pv (q∧Y)[∧ (¬pv (¬2∧¬x)))
             V(PAZAY)
      B) MIOO V MOOI V MOII V MIII
                                                                                                                                                                                          => [7p1(7gvg)1(7Wr)V(9Ar)1(7pvp)]
                                                                                                                                                                                                       人[アハイアンタ)ハイファンソ)レイアタハフア)]
                                         Z 13.4.7
      CNF: (pvr) 1(78Vr)1(77V7pV3) (17177917) (170779171) V(P1317).
                                                                                                                                                                                                     €> mooo V MIII €> ∑0,7.
                                                                                                                                                         (b) PA7gASV7pAQAY
      (2) 7->g
                                                                                                                                                                        => p1 (19v2)/(17vv)/(15vs)/79/(17pvp)/(15vs)
             = (7p/g/xx/s) V (7p/g/xxs) V
            € (79/9) V(79/79) V(9/7) V(9/7))
                                                                                                                                                                                                   (PA72/3/15) V (PA7PAYAS)
         => (pA78) v(7pA78) v(gAp)
                                                                                                                                                                                                  => mgvmj vm6 vm11
           => mgo v moo v MII
                                                                                                                                                                                                    ₩ 267911
               E> ∑0,113
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University of Taiyuan 100.作业. 图求此公的WF-5 CNF(或)看看一个样 0 (7p->r) ∧(g ←>p) 对 (g/g) V (¬p/r) V (g/r) (PVY) \ [9-7) \ (p-3)] => [(p/9) \ (7WY)] \ [(7pXV) \ (9V7)] (pvy) / [(zvp)/(zpvg)] (prgn7Y)V(prgnY)V(TPAYAg)V(TPAYA7g) == [(pvr)V(g17g)] \ [(7gvp)V(217r)] V (g1VAp) V (g1717p) X [(77/2) V (7/77)] => m110 V m111 V MOII V MOOI V MOII ⇔ (pvrvg) ∧ (pvrv7g) ⇒ ∑ 1367 1 (79 VPVY) N(79 VPVY) N of (pag) v (7par). (7PrqVr) 1 (7prqV7Y). =>[(p/g)x(yv7r)]v[(7p/r)/(gv7g)] €> Mooo N Molo N Molo N Moll (PAGAY) V (PAGATY) V (TPAYAG) V (TPAYAG) 1 M 100 1 M 1011 => CNF: TT02,3,4,5 E> MINV MIOV MOIJ V MOOJ W DNF: ≥1,6,7 Z1367 B 7(7-7g) 田(D) (PMラア) -> (アラア) ハ(タラア) € 7(7prg) € Pr/g $(pvg) \wedge (pvg) \wedge (\neg pvrg) \wedge (pvg) \Leftrightarrow [\neg (pvg)vr] \Rightarrow (\neg pvr) \wedge (\neg gvr)$ $\Leftrightarrow M_{00} \wedge M_{01} \wedge M_{11} \Leftrightarrow \neg [\neg (pvg)vr] \vee (\neg pvr) \wedge (\neg gvr)$ $CNf: T_{Q13} \quad DNF: \sum_{2} \Leftrightarrow [(pvg) \wedge \neg r] \vee (\neg pvr) \wedge (\neg gvr)$ (LPAGATY) V[(7PVY) A [7g VY)] DNF型度原式更为英(成英)方赋值(>191917)V图(7)(7)()] CNF 建公式为限. (有个 max term) \$ 20,1,3,5,6,7 拉多可满些式 放猴..

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(2) (pvg) 17p->g (7P/12) VP] V9

[(7P/12) VP] V9

[(7P/12) VP] V9 € (7pvp) \ (7qvp) vg

(7qvq vp) € (7qvq vp)

一届武为衣真式

图 波 S:天晴 见:下雨 M:电药 B:看到

By SVR, SAM, MATB; BAR

证: 0 S-> M (P)

@M->7B (P)

③5-77B(假言三核论,00)

A B-775

O BOX

(b) 曲田, 得75

O SVR,75, R 析及三反论

8 B-7R 网为有效传论