2.9 part e

CPE HWZ

1 T=tall H= heavy ABC'D + A'BD + ABCD F = fast =ABD (C'+C) + A'BD @ A= (TH') + (T'H) (A= (TH' + T'H) : BD(A+K) = (H'T)'·(T'H)' (HT')(TH') = (H+T')(T+H') = HT + HH'+T'T+T'H' + xae F= WX + 42 1/5 m). (xw) shoolgon = (HT)+(T'H') (5p) (Sw) = 7

@ P= (TF)+(TF') = T(F+F') = T(1) = T

@ P = (T'F' + H') = (wx+yz) (wig'+wz'+x'q'+x'z') = (T'F')'.(H')' = (T+F). (H) 5W5W+ pW5p

= (HT)+(FH) @ ((TF)+(TF'))((HT)+(FH))=5

S= TFHT+ TFFH + JF'HT + TF'FH+ "X+ 5" W+ " W) + (5W+XW) = FHT + FHT + F'HT + 0 W XX+ W X+ 5 W + 5 W

= (FHT) +(F'HT) " " X + V 5 X + " X + 'S W + " W + 5 W + X W =

2.2 part E (a+b+c')(a'b'+c) 2 2.2 part E

= 99'b' +ac + ba'b'+bc + c'a'b' + c'c' 2 2 x+ 2

= 0 +ac + 0 + bc + c'a'b' + 0 (14 x + w x + 16) + +5 + x w + 5=

= (ac+bc+c'a'b')

2.3 part F (a'+c')(a+b'+c') = 9'9 + a'b' + a'c' + c'a + c'b' + c'c' = 0 + q'b' + a'c' + c'a + c'b' + c'

= 9'b' + c'(a'+q+b'+1) = (a'b'+ c') 5+ " + 5~ + x == = (a/a')'.(c)'

= (0+6) 2

: (nx+ds)((n,+x,)*(d,+x)):

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6 W/7 71
                                                               Not = T
@ 2.4 parte
     ABC'D + A'BD + ABCD
    =ABD(C'+C) + A'BD
                                                       (H'T)+(HT)=A @
    = ABD + A'BD
                                                        (H'T+ 'HT) =A @
                                            '(H'I).'(T'H)=
     = BD (A + A')
   =BD
                         ("H+T)("T+H") = ("H+T")("T+H")
                        f'= (wx+yx)+7+HH+TH=
f'= (wx)'(yz)' (HT)+(TH)=
= (y0'+x')(y'+z')
    F= wx + yz
complement (wz). (yz)
                                                           9 P= (TE) +(TE)
       =\ (w'+x')*(y'+z')}
                                                           = T(F+F')
                                                         N = (1)T =
            : (wx+yz)((w'+x')*(y'+z'))
                                                           (++ +'7'T) =9 (
             = was baxig*
             = (wx+yz)(w'y'+w'z'+x'y'+x'z')
                                                          = (T'F') · (H')
             : (wx+yz) + (w'y'+w'z'+x'y'+x+zt)+ TH'AT + HAAT +THAT =
   F+F'=1
            = wx+yz+w'y'+w'z'+x'y'+x'z'(w+w')H'T + THT + THT =
= wx+yz+w'y'+w'z'+x'y'+x'z'w + x'z'w' [TH'T]+ (THT)] =
= z'(w'+x'w+x'w')+ wx+yz+w'y'+z'y' = +1my 6.6
= z'+wx+yz+w'y'+x'y'(w+w')
             = 2' + WX+y2+ Wy' + X'y' w + X'y' w') > + d' b') + od + d'pd + so+ d'pp
            = z'+wx+yz+y'(w'+x'w+x'w') 0 + dins + od + 0 + op+ 0
= z'+wx+yz+y'
          = z'+wx+yz+y'
= z'+wx+yz
= wx+yz+y'+z'(y+y')
                                                (,2+,9+b)(,2+,
                                               1 1 + a'b' + a'C' + C'a + C'b' + C'C'
          = wx+yz+ y'+z'y+y'z =
                                                0 + q'b' + a'c' + c'a + c'b' + c'
          = wx + yz + y'(1+2)+2'(y)
          = WX+yZ+
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