陈昕琪 PB 22111711 1.4 (3) 25425 -> 00/00/01/0100, 00/00/0101 1.4. 2 (4) 1000 0100, 100 | 000 | 自生: -> 132、56640625 8421BCD: 84,91 1.6.1 $Y = \overline{A} \cdot \overline{B} \cdot \overline{C} + \overline{A} \cdot \overline{B} \cdot C + A \cdot \overline{B} \cdot C$ 1.6.2 C B 0 0 O 0 0 0 V 1.6.3 L= AB O A+B+C 1.6.4 L= ABC+ABC+ABC 2/12 $A + \overline{A} B = (A + \overline{A})(A + B) = A + B$

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2.1.4
L = \overline{A}B + \overline{B}\overline{C}\overline{D} = A \cdot \overline{B} + \overline{B}\overline{C}\overline{D}
\overline{L} = \overline{A} + \overline{B} \cdot (\overline{B} + \overline{C} + D) = (\overline{A} + B)(B + C + D)
2, 2, 3
(3) AB + ABD (B+ CD)
   = AB (ATBO) B+ CD)
   = AB(BB+ ACD+ BCD+ BD)
   = ABD(CtC)
   = ABC D + ABCD = \( \) m ( 12, 14)
(4) L= AB+BC + AB
       = AB · BC + AB
      = (A+B)(B+C) +AB
       = AB+AC+BC+AB
       = ABC + ABC = 5m (0, 1, 3, 6,7)
       + BBC + ABC
        + ABC
                          1 = A. C + A. B. C
  ABC
     OO
                             = ABC + BBC + ABC
      0 1
                            = \sum m(1,3,4)
     0
                            = TM (0, 2, 5, 6.7)
       0 0
      0 1
                 O
     10
                 0
2.2.6
L(A, B, C) = T[M(0, 1, 3, 6, 7)
              = \sum m(2,4,5)
              = ABC + ABC + ABC
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2.3.]

N)
$$\overline{(A+B)} + \overline{(A+B)} + \overline{(A+B)} + \overline{(A+B)} + \overline{(A+B)}$$

$$= (\overline{A+B}) \cdot \overline{(A+B)} \cdot (\overline{A+B}) + \overline{(A+B)}$$

$$= (\overline{A+B}) \cdot \overline{(A+B)} \cdot (\overline{A+B}) + \overline{A+B}$$

$$= (\overline{A+B}) \cdot \overline{(A+B)} \cdot (\overline{A+B+A+B})$$

$$= (\overline{A+B}) \cdot \overline{(A+B)} \cdot \overline{(A+B)} + \overline{A+B}$$

$$= \overline{A+B} \cdot \overline{(A+B)} + \overline{(A$$