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避期設計 19/8

$$= (A+D)(A'+C)(B+C+D)(C+D)$$
=

$$= BCD' + C'D' + BC'D + CD + BC' + B'D'$$

$$= CD + CD + BC + BD$$

```
3.9 (d)
    KMN+KLN+KMN+LN, XY+XZ+(YZ)
  = N(L+KM) + N(KL+KM) = (X+Y)(X+Z)
  = N(L+K)(L+M)+N(K+M)(L'+K) の乗開/分解定理
                             () 重合定理
  = [N + (K+M)(L'+K')]+[N+(L+K)(L+M)]
  = (N+K+M)(N+L+K)(N+L+K)(N+L+M)#
                                         1 新頂
4.10 (c)
   (K+L+M)(K+N)(K+L+N)(K+L)(K+M+N)
                                         2加對乘
  = \left( K + (L+M)(L+N) \right) \left( K+LN' \right)
 = K(L'+M)(L+N') + K'LN'
 = K (LM + L'N') + K'LN'
 = KLM + KLN' + KLN' #
3.23 (d)
```