$t_1t_2t_3t_1t_1t_4t_1T =$
t_2+
t_3+
t_1+
t_4

1
2
3
??
t_{dur}
??
$nt_{dur}T$

$T = n*t_{dur}$
(1)

k
$k*$
$t_{dur}k_1k_2(k_1-$
$k_2)*$
t_{dur}

$t_{dur}t_{dur}$**??**$Tx*$
$T+$
$k*$
$t_{dur}x0, 1, 2...x$

??
$n2^n$

$T = 2^n*t_{dur}$
(2)

t_{dur}
?
???

$g_{n-1}g_{n-2}...g_2g_1g_0b_{n-1}b_{n-2}...b_2b_1b_0$

$b_{n-1} = g_{n-1}b_{i-1} = g_{i-1} \oplus b_i i = 1, 2, ..., n-1$
(3)

??

$n2^n$

$T = 2^n*t_{dur}$
(4)

??
$kkk+$
$1k$
$k =$
$4k+$
$1 =$
5

????
$t_{dur}At_{exp}$

$A = t_{dur} = t_{exp}/k$
(5)

??

$t_{dur}n_i(i =$
$0, 1, 2, ..., k-$
$1)t_it_1 =$
$t_{dur}n_1*$
t_1i

$$t_i = t_{dur}*\prod_{j=1}^{i-1} n_j$$
(6)

$t_{exp}t_{exp}n_k*$
t_ki

$t_i \leq t_{exp} \leq n_i*t_i$
(7)

$iiiiiii$
P_i, P_i+
$1, ..., P_k$

$$T = \sum_{j=i}^{k} p_j*t_j$$
(8)

??
it_i**??**
??
$t_{exp} \leq$
n_i*
t_ii

$nt_{dur}t_{exp}$**??**
$n * t_{dur} \quad t_{dur}$
$2^n * t_{dur} \quad t_{dur}$
$2^n * t_{dur} \quad t_{dur}$