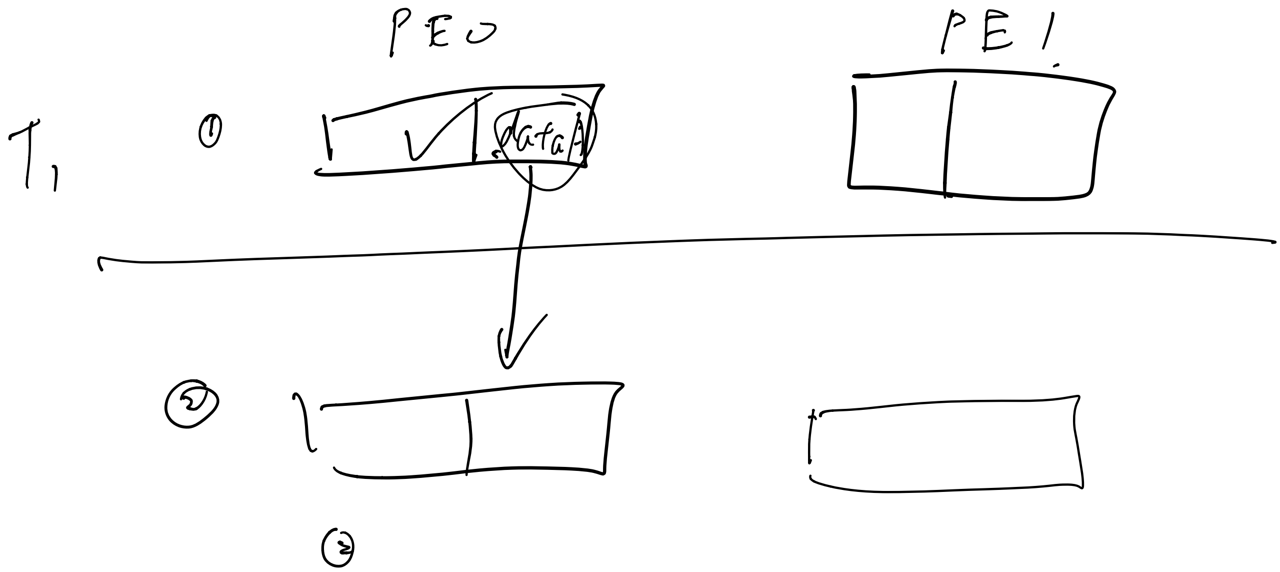
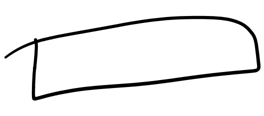
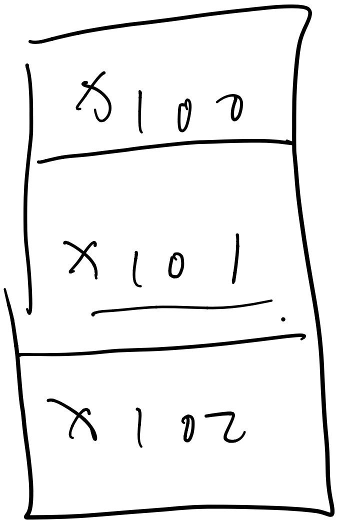
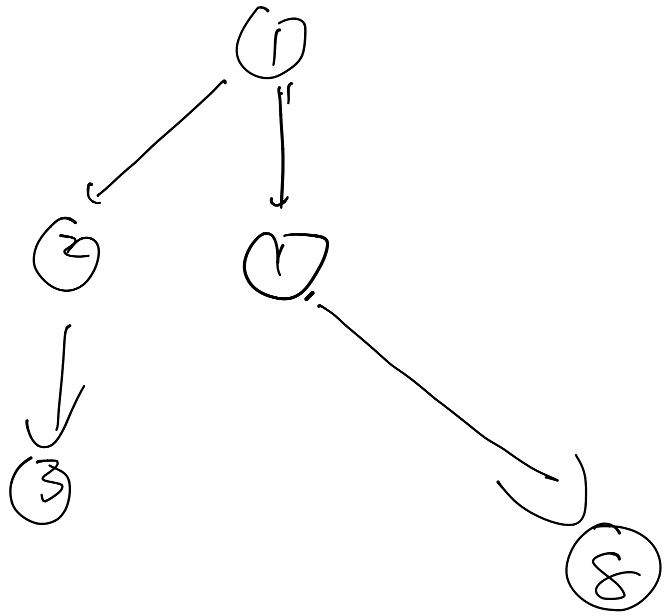


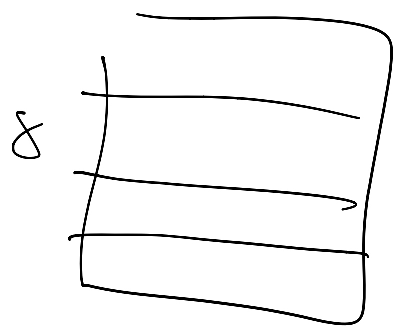


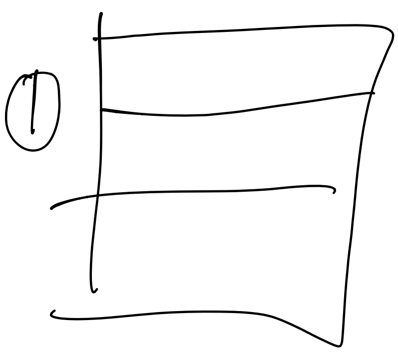
写之置

len = ~~min~~ max (c , b ,) − a . tl

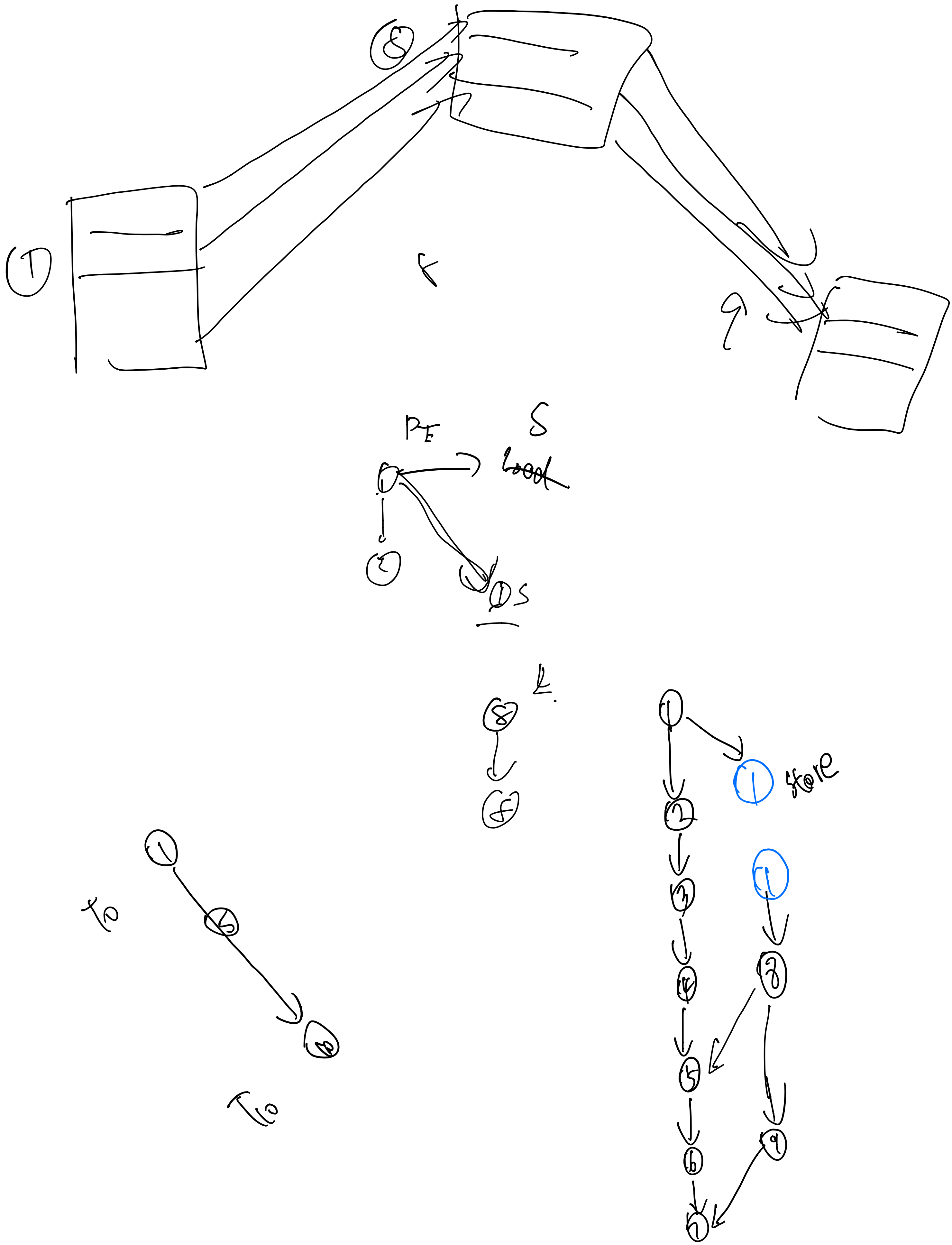


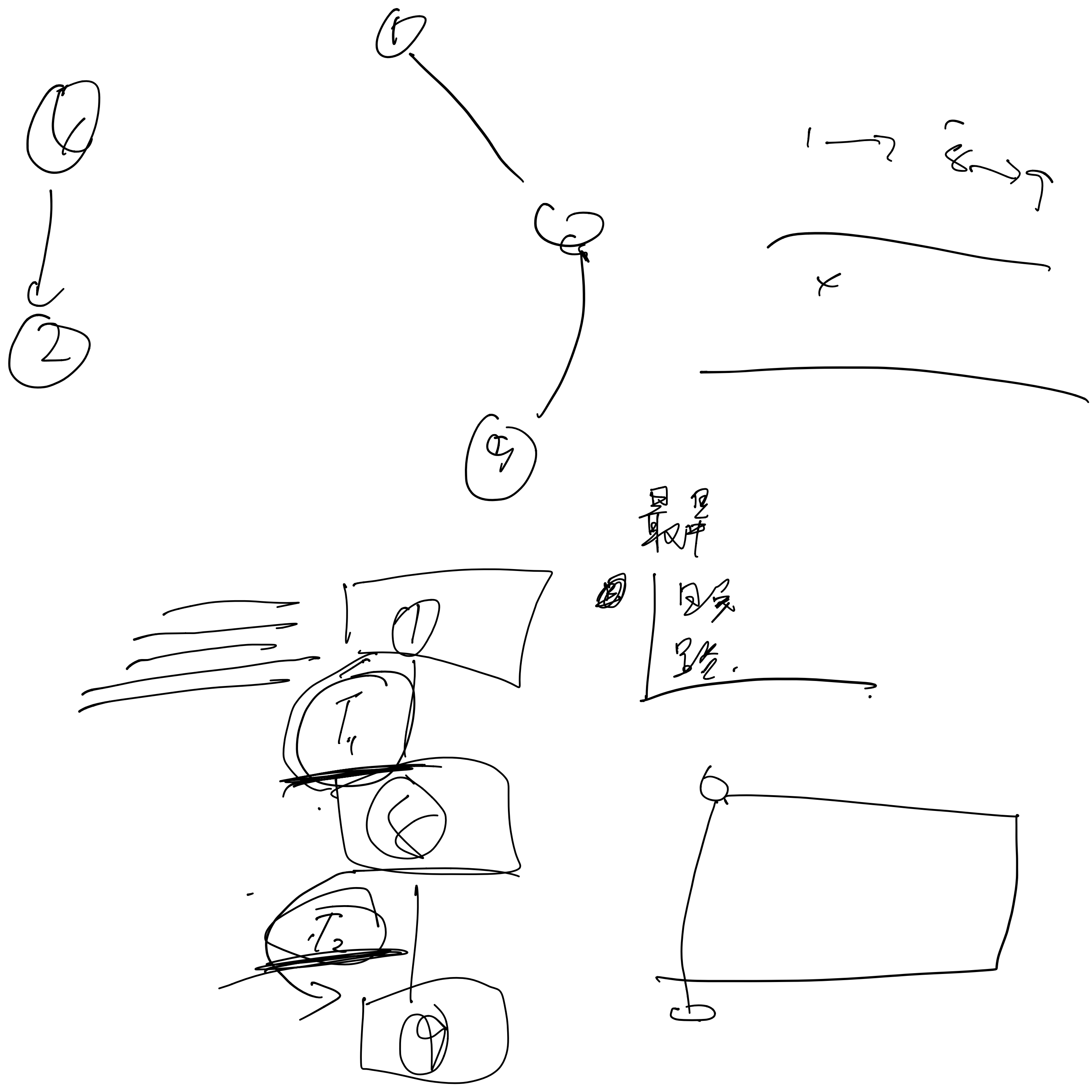


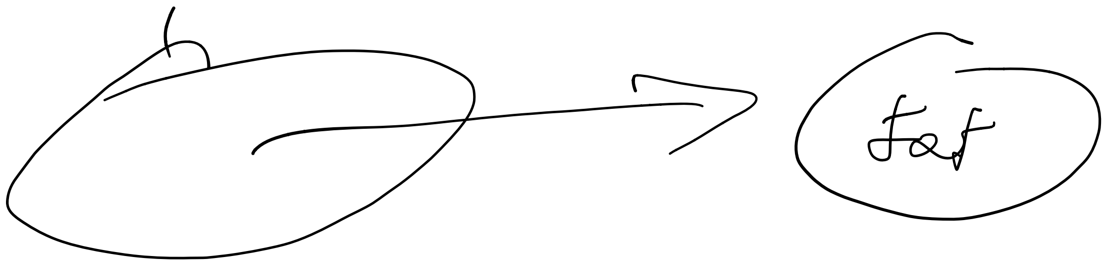




9

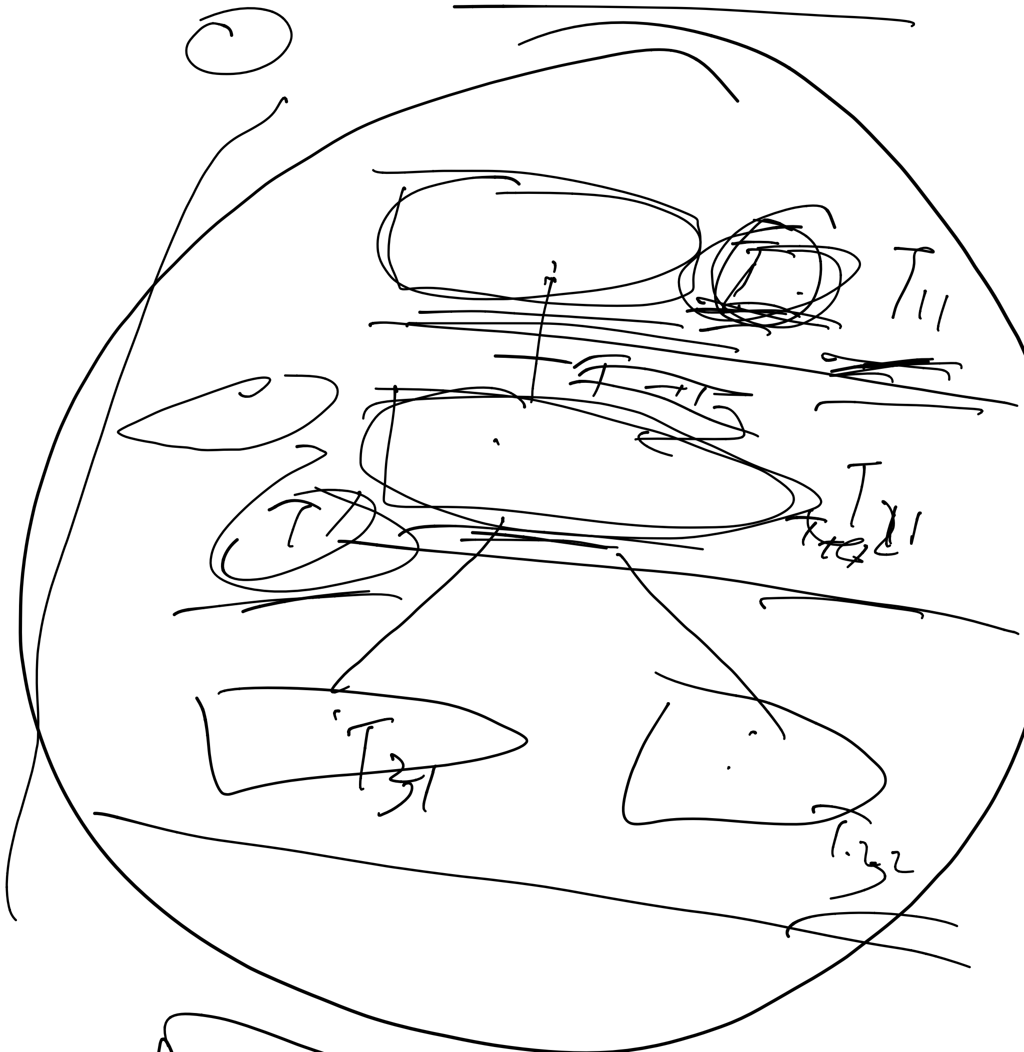

PE
S
store

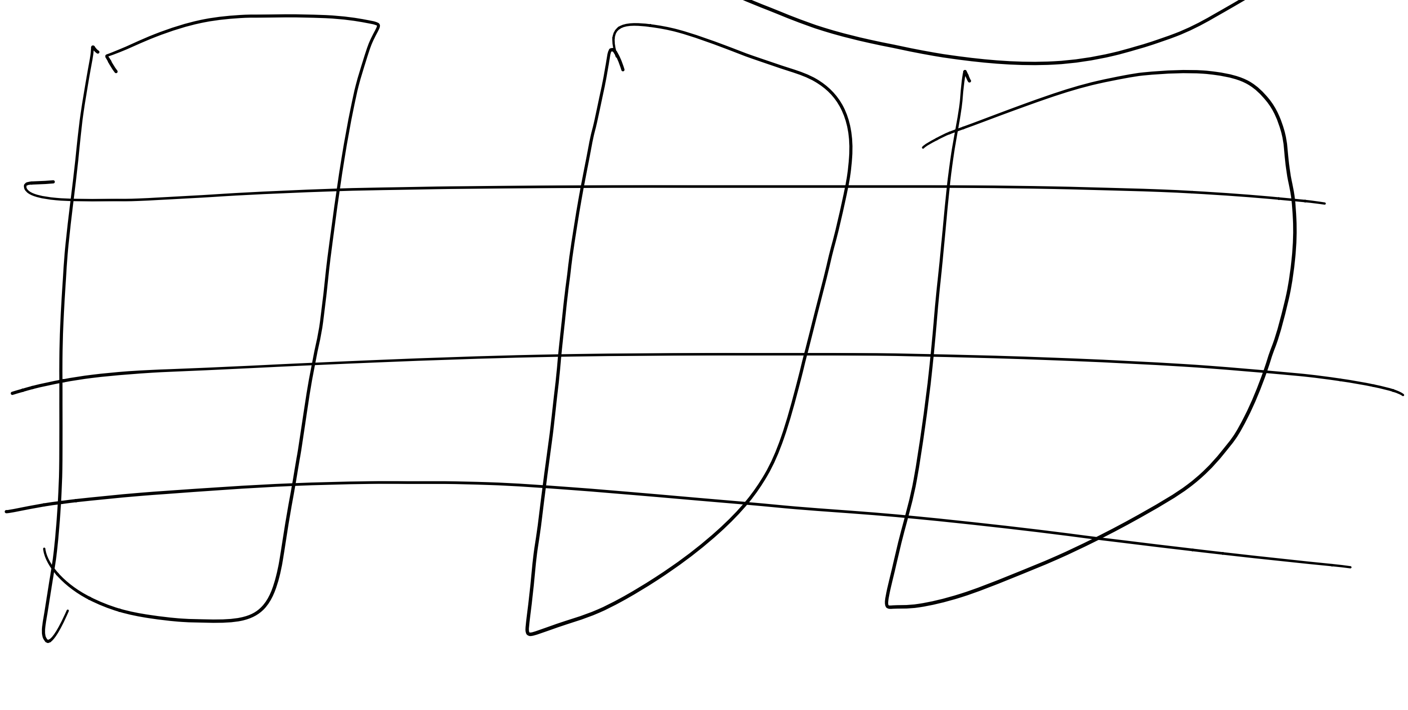

1
2
9
T_1
T_2



Morm - i b

PE





8

x	y	z
1	0	0
1	0	0
1	0	
1	0	
1	0	
0	1	
0	0	0
0	0	0
0	0	1

x	y	z
1	0	0
1	0	0
1	0	0
1	0	0

x	y	z
0	0	0
[illegible]	1	0
0	0	0
0	0	1

① $x_i + y_i + z_i \le 1$ ：不能同时存在

② $\sum_{i=1}^{i<n} abs(x_i - x_{i-1}) \le 2$ ：只有一段连续！

③ $x_i \cdot (x_i - x_{i-1}) \le \underbrace{x_{(i-1+II)\%II+1}}_{pe\ pass}$ $\underbrace{z_{(i-1+II)\%II}}_{load}$ 子父有关

④ for time in 0→end:
  tot = 0
  for son in cur point.getSonList():
    tot += x[son][time]
  tot ≤ 4;

一个点一个周期仅传4个

⑤ $\sum y_i \le 1$, $\sum z_i \le 1$

⑥ $\Delta = \sum [(z_i - z_{i-1}) \cdot i - (y_i - y_{i-1}) i]$

opera = $\Delta \% 2 + (\Delta + 1) \% 2$. (-1 or 1)

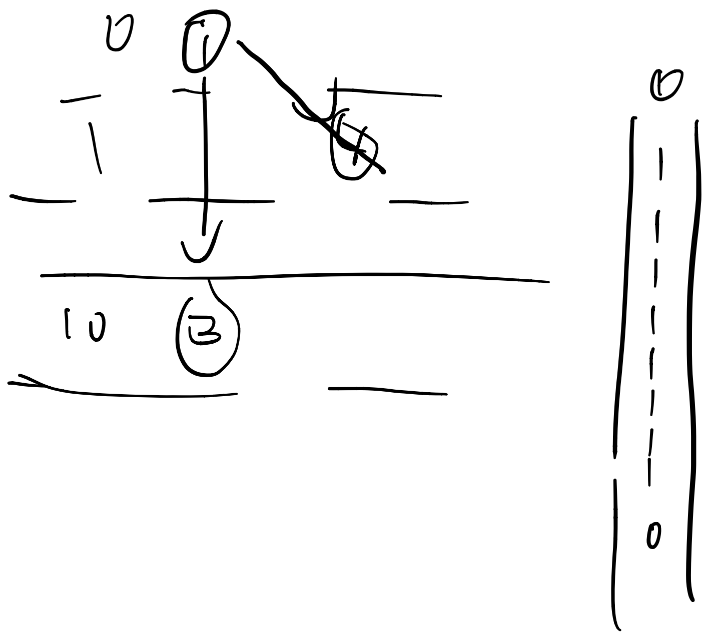
dis = $(II + \Delta \cdot opera) \% II, +1$

dis ≥ T io时间

⑦ for each time $\begin{cases} \sum_{i \in points} y_{i,time} \le iolimit \\ \sum_{i \in points} z_{i,time} \le iolimit \end{cases}$

⑦ for each time $\sum_{i \in points} (x_{i,time} + y_{i,time} + z_{i,time}) \le PElimt$

x	1	8	9	y		
T_0	1	0	0	6		C
T_1	0	1	0	6		
T_2	0	1	0	6		
T_3	6	1	0	0		
T_4	0	0	1	1		
T_5	0	0	1			

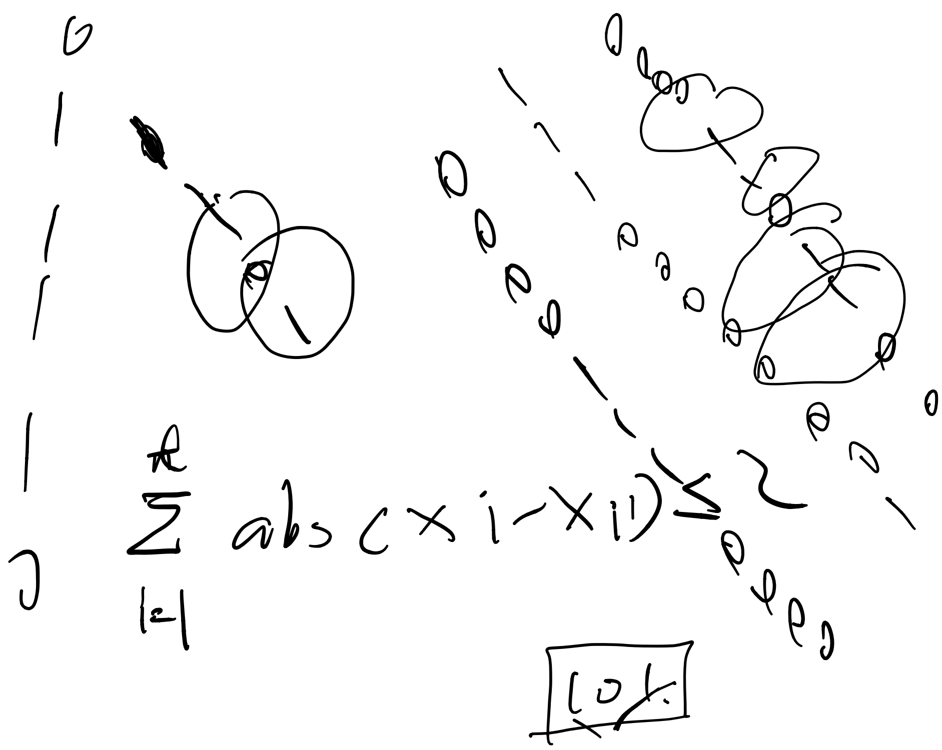


Σ

$$n_{ins} = \left[\sum_{i \in col} \sum_{j \in row} (x_{ij} + y_{ij} + z_{ij})\right] + \text{collen}.$$

$$n_{pe} = \max_{i \in rows} \sum_{j \in row(i)} (x_{ij} + y_{ij} + z_{ij})$$

min



$$\sum_{l=1}^{k} abs(x_i - x_l) \le 2$$