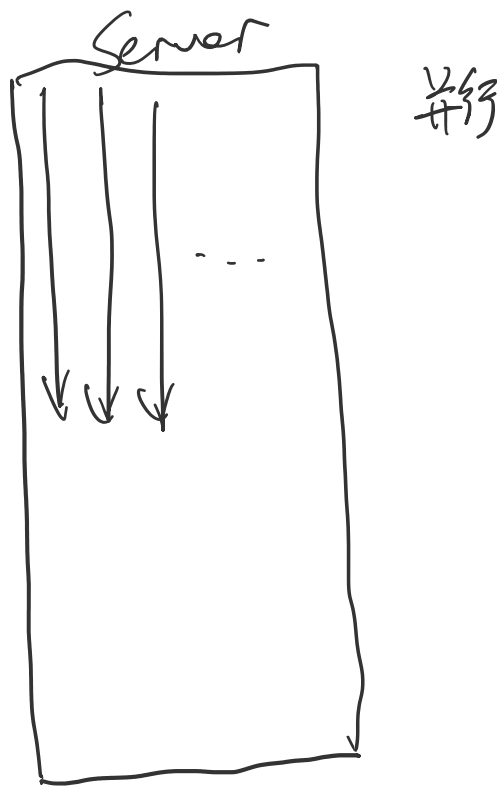
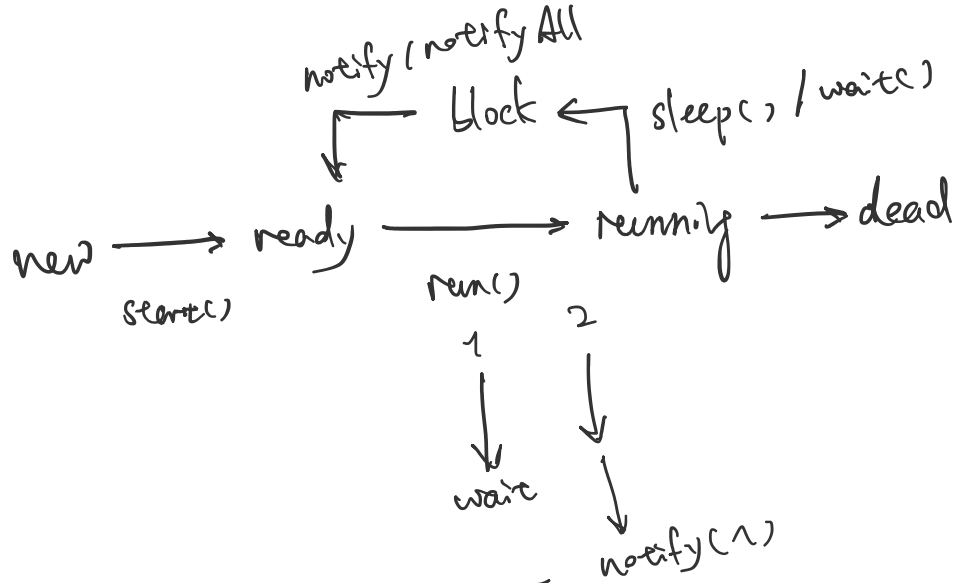


多线程

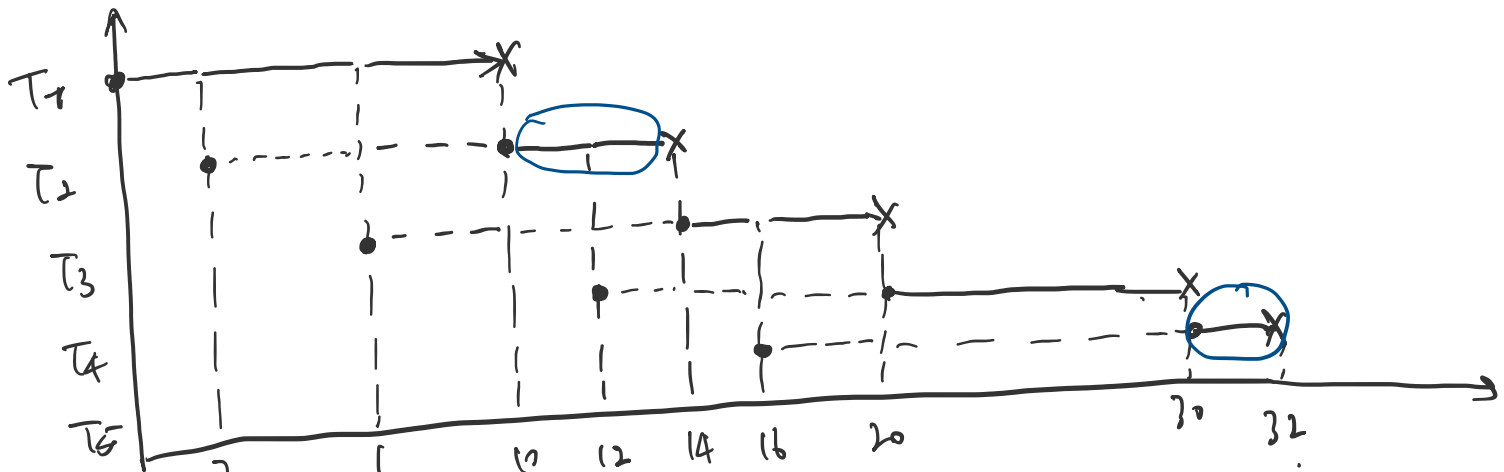
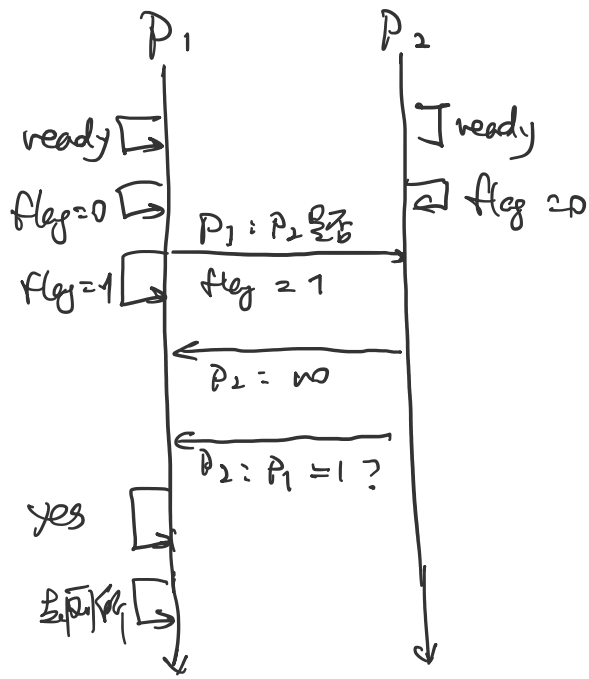


Bsp 1: 果园 → 非分配

锁/信号; Thread Zustände



Bsp 2: 上厕所 → 资源优先



FIFO

CPU = $\frac{32}{32+8+6+8+14}$

A extends Thread / implement Runnable

重写 run(), A a = new A, a.start()

重写 run(), A a = new A, Thread a_thread = Thread(a), a_thread.start()

5个线程:

T1	0	10
T2	2	4
T3	6	6
T4	12	10
T5	16	2

queue

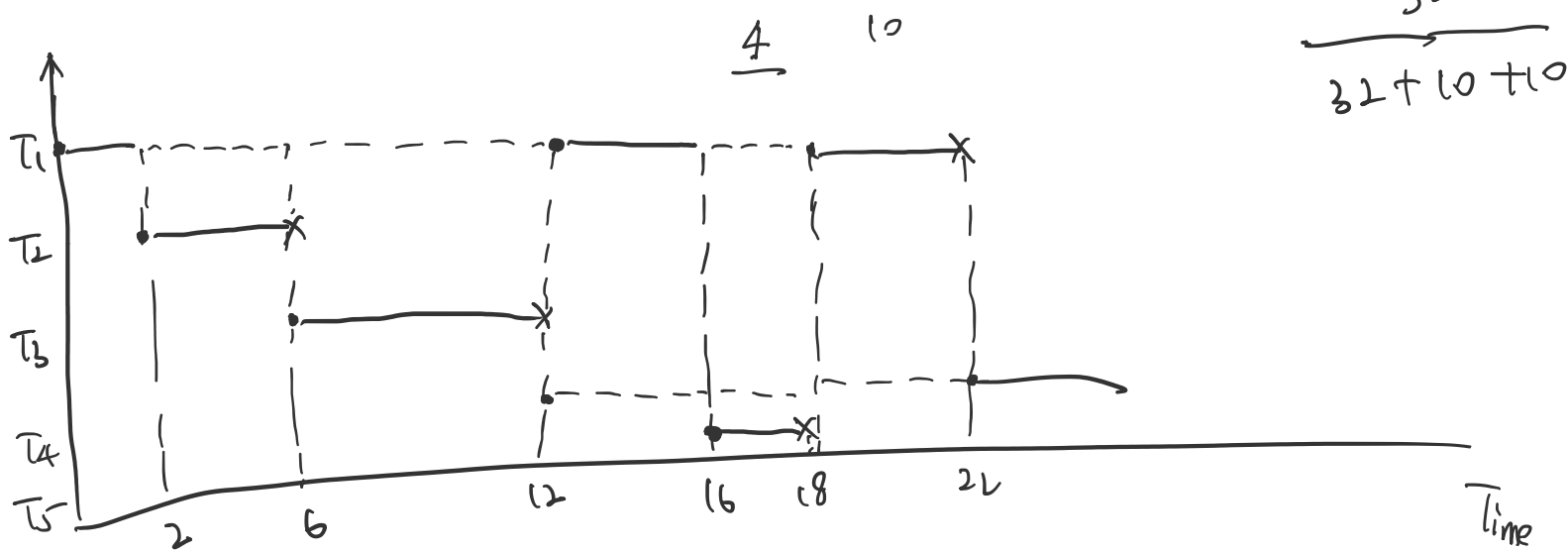
= $\frac{32}{20}$

synchronized (obj) { ... } / synchronized ⇔ { static ~ (this), static ~ (this.class) }

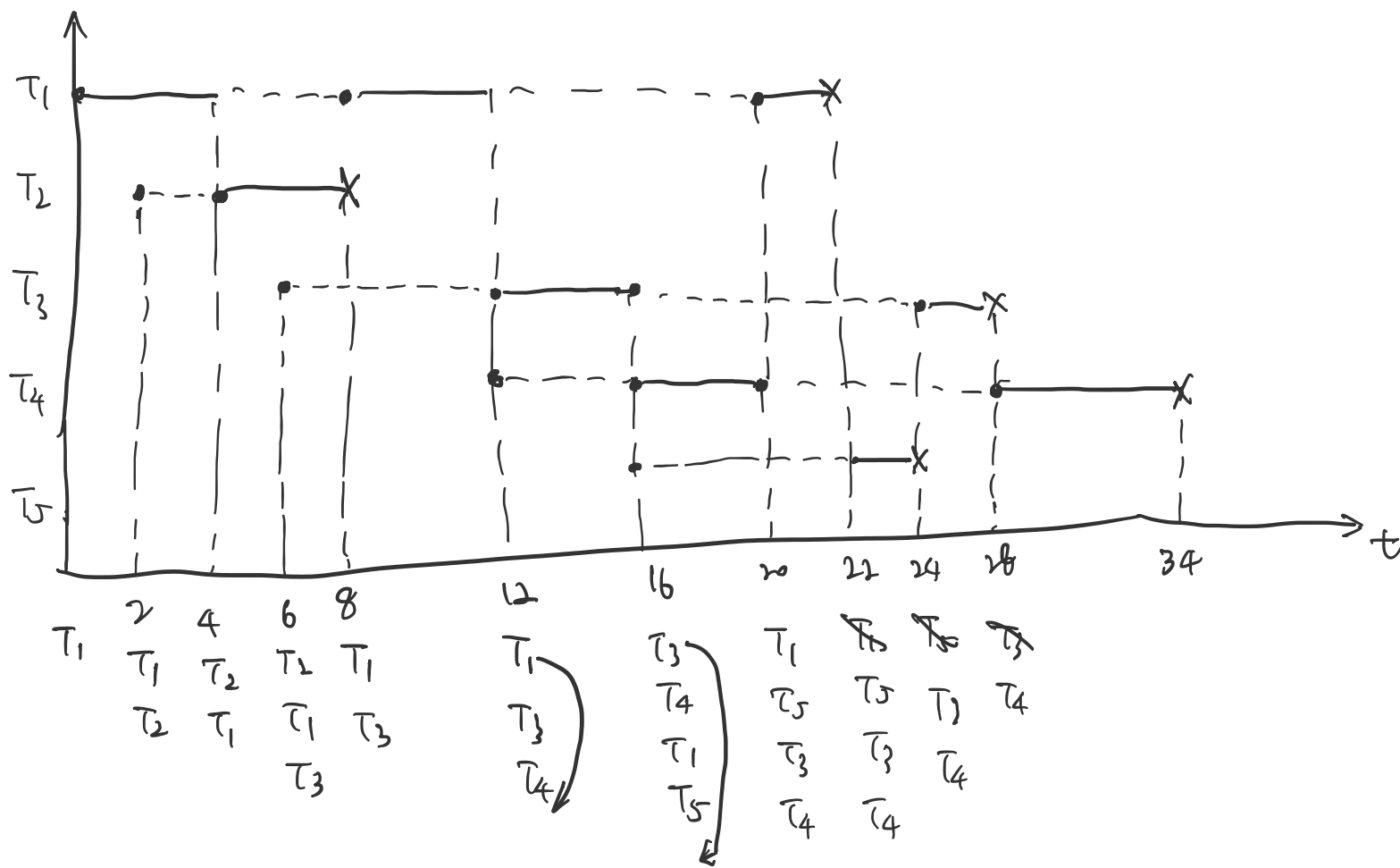
Deadlock

5个线程:

T1	0	10
T2	2	4
T3	6	6
T4	12	10
T5	16	2



RR (Round Robin) { 时间切片 Zeitschnitt 4s, 轮流 }



$32+4+8+2+6+8+4+8+6$

