R-711

Monday, 29 March 2021 14:21

1 2 4 2

2^i

v_1 $v_4 = 2^i$

$w \geq max\ v_i$

w

8 8 8 2 2 2 2

16

8 4 2 1

1 0 1 0

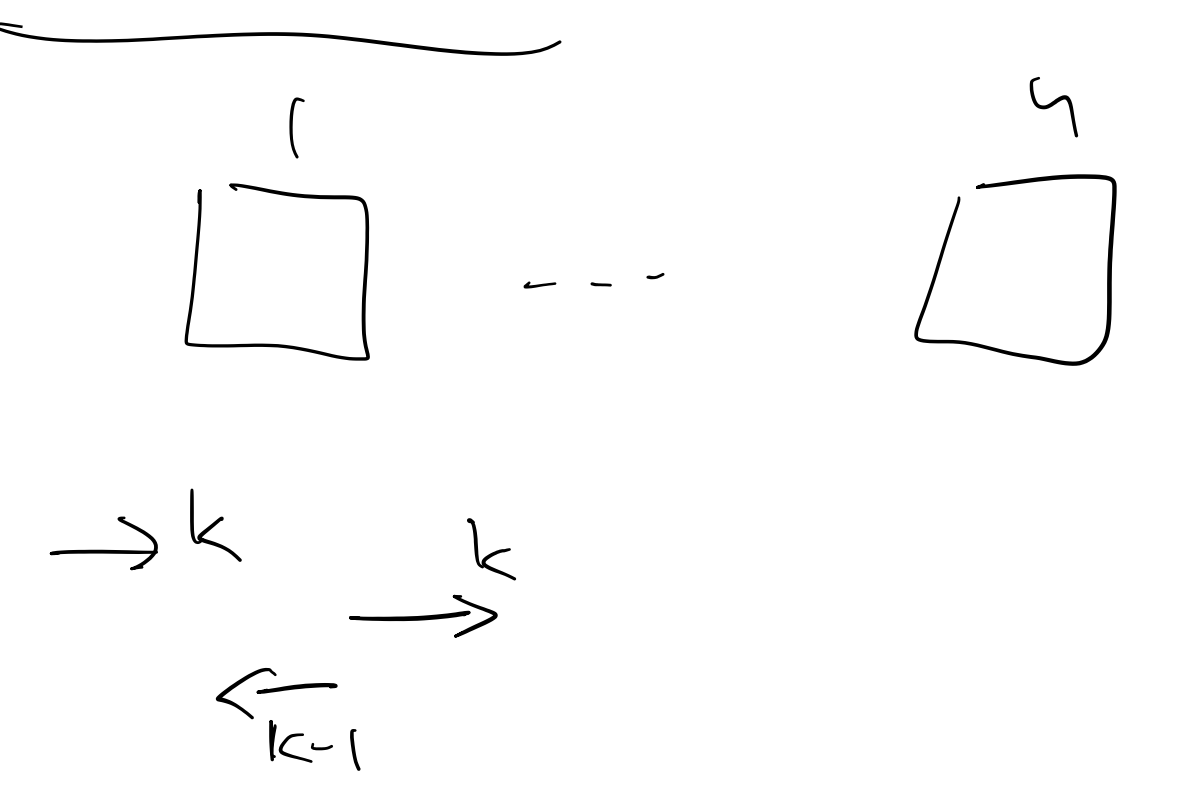
8 4 2

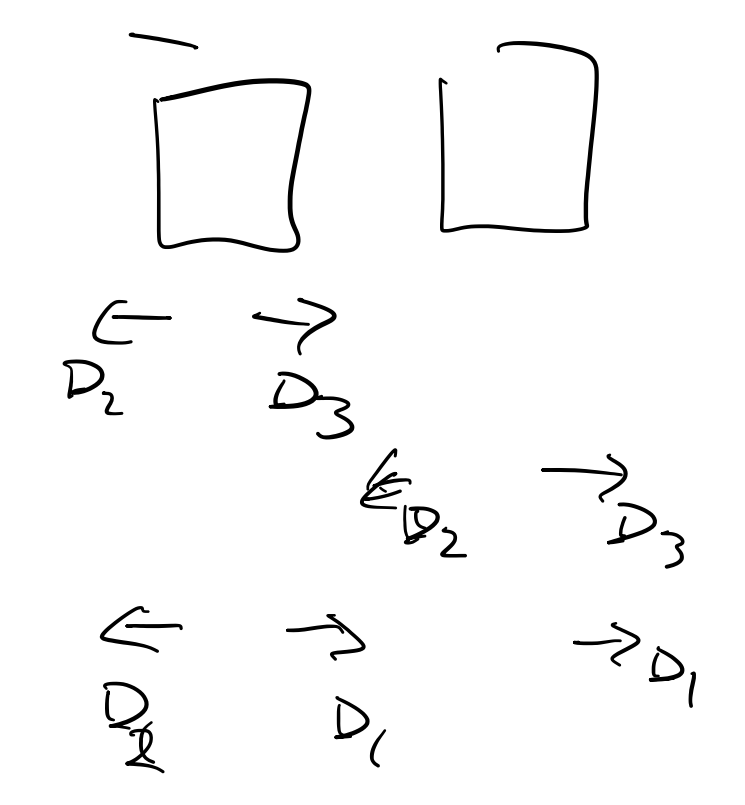
↓

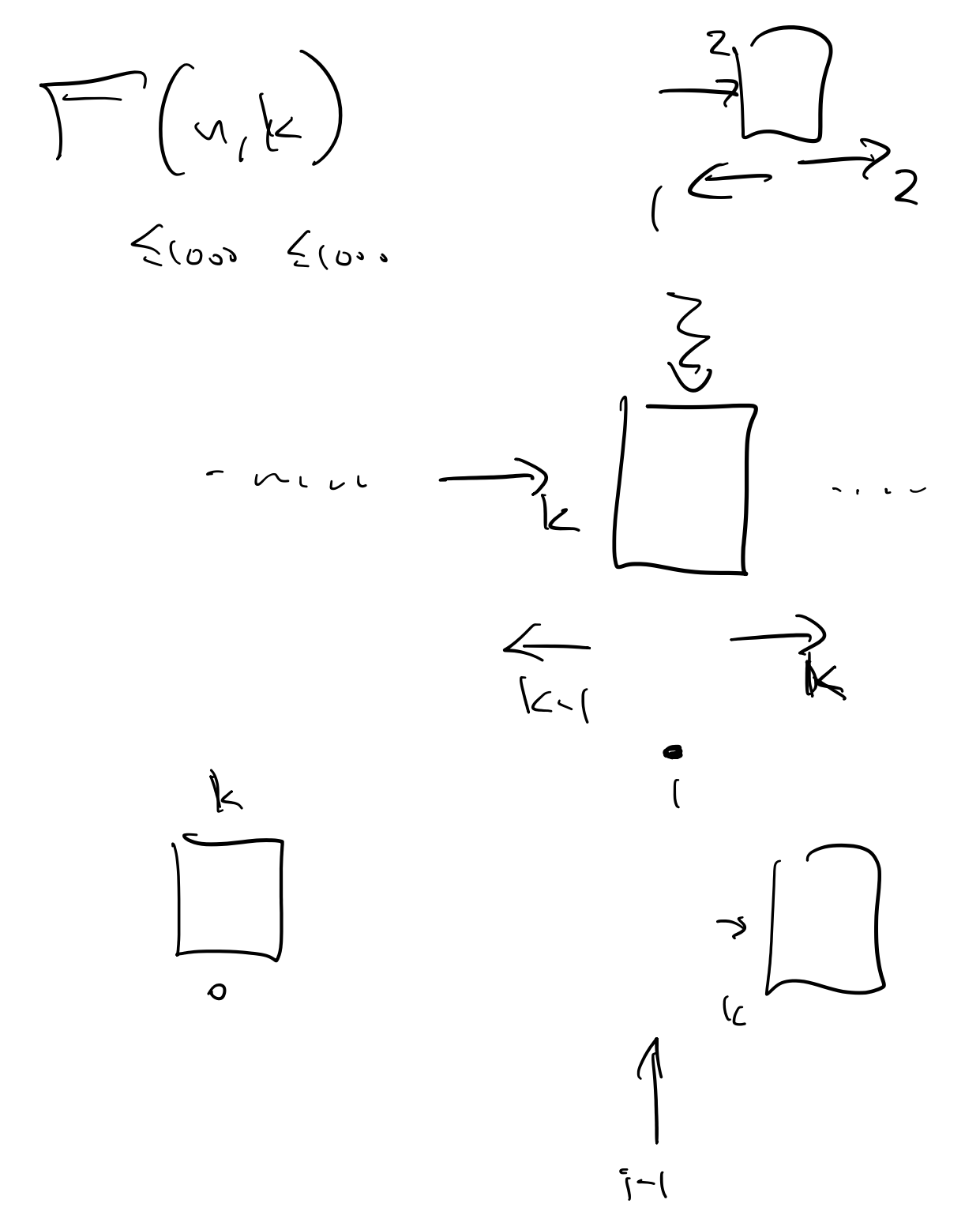
2

8 * 100 4 * 1000 [3]

8 8 8 2 2 2







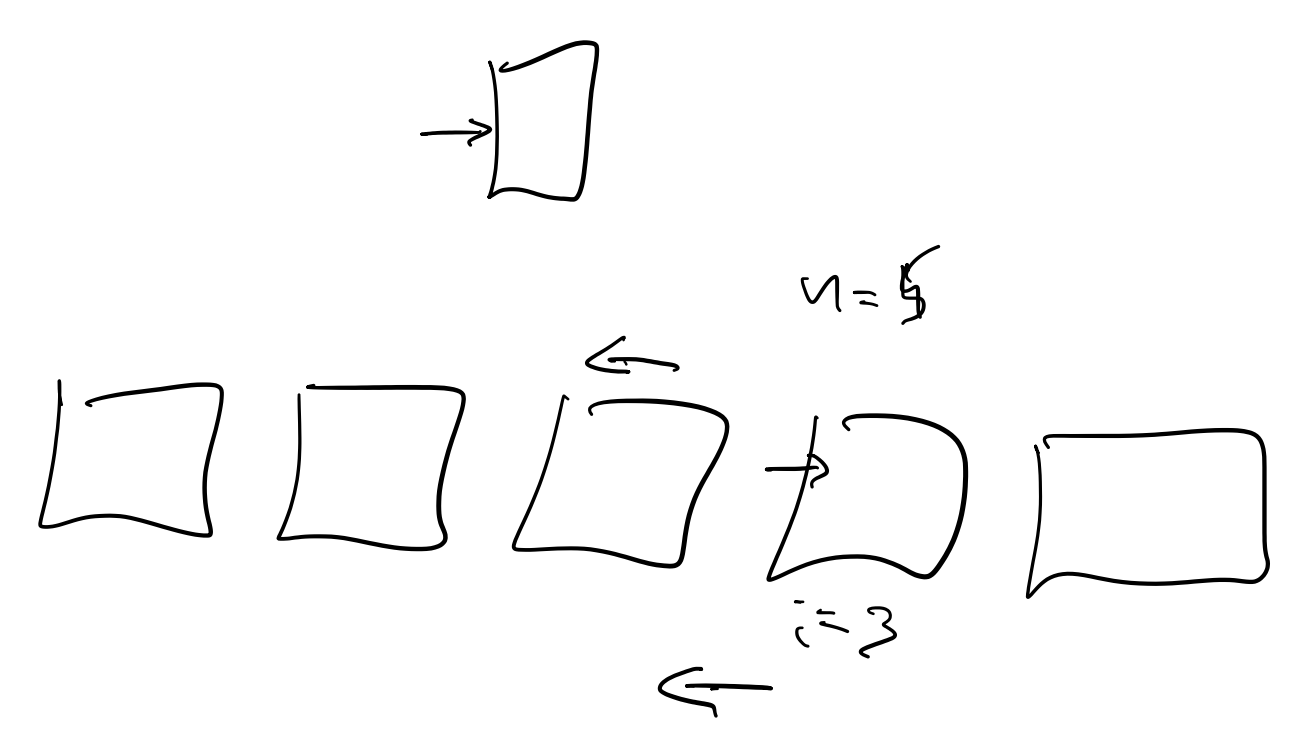
F photo index, power

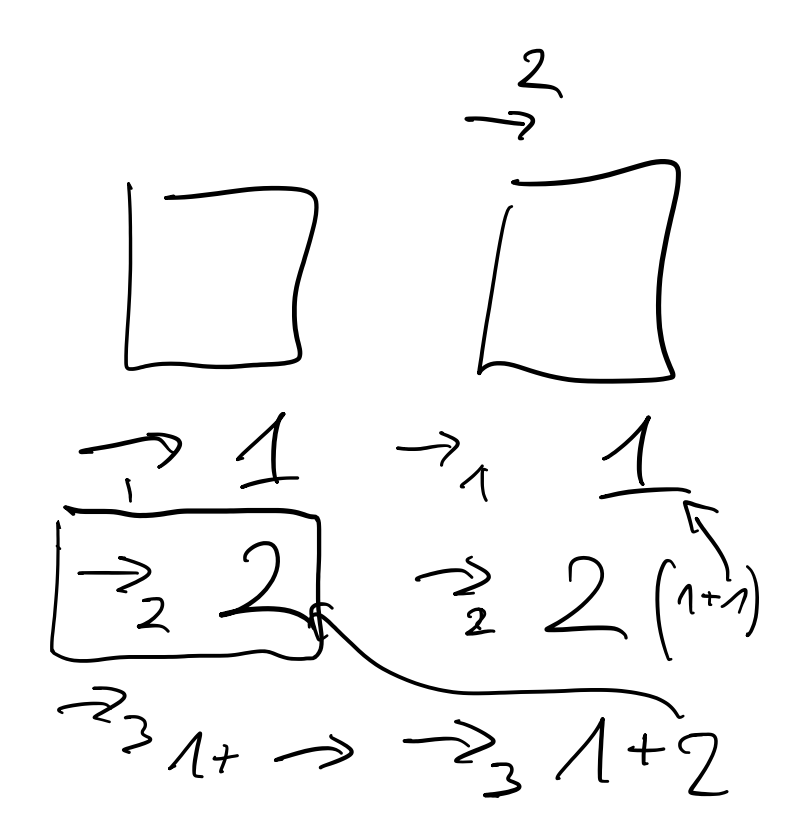
power 1..k

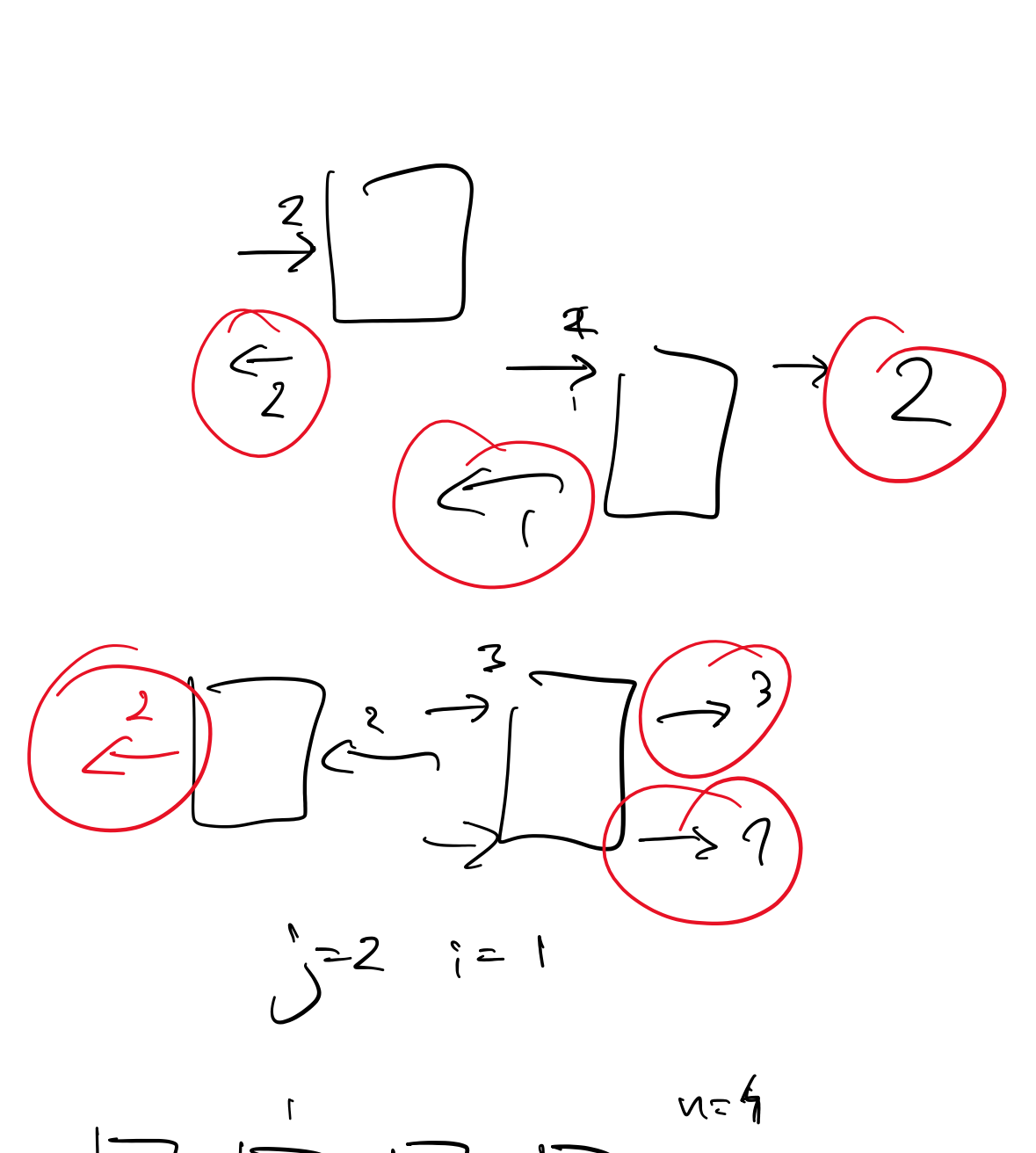
photo index n..1

...

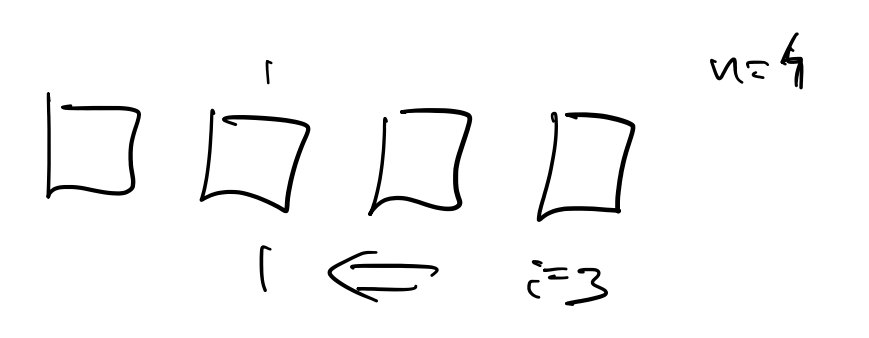
$F_{(x,y)}$ → $F(x+1,y)$, $F(x,y-1)$

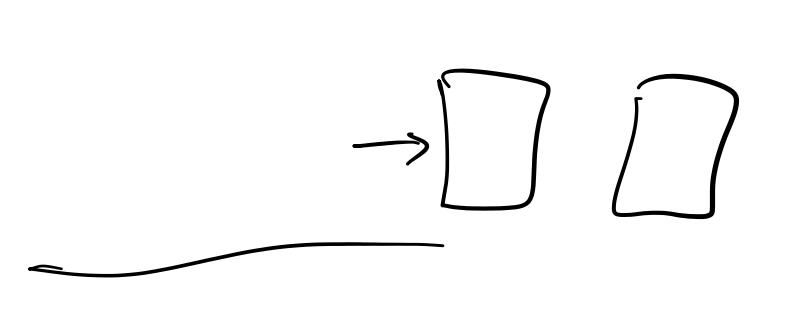






j=2 i=1





1 ... n

x_i y_i

op ① pick ∈ [0, y_i]

repeat ∝: $k := \lceil k + x_i \rceil$

op ② repeat ∝: $k := \lceil k \cdot x_i \rceil$

x can be a fraction

Create exactly j bananas

$$x_i = \frac{x_i'}{10^5}$$

① up to 2x $k := \lceil k + 3 \rceil$

② up to 2x $k := \lceil k \cdot 4 \rceil$

③ up to 3x $k := \lceil k + 10 \rceil$

16 = 0 +3 +3 — +10

10^5

① 0 → 3, → 6

② 0
3 → 12
6

③ 0 → 20, → 10
3 → 13
6 → 16
12

+1

| 1 2 3 4 5 | +1 × ∞

reachable

$3 \rightarrow \cdot \frac{2}{3} \rightarrow 2 \cdot \frac{2}{3} \Rightarrow 2$