

$$\begin{bmatrix} B_{0}, B_{2}, B_{5} \end{bmatrix}$$

$$N = 1$$

Buza: n=0

Kwkin,

$$B_{k} := B_{k-1} \oplus B_{k-1}$$

$$2^{k-1} + 2^{k-1} = 2^{k}$$

15)
$$\binom{n}{k} = \frac{n!}{k! (n-k)!}$$
 $\binom{n}{k} = \frac{n!}{k! (n-k)!}$ $\binom{n}{k} = \binom{n}{k}$ $\binom{n}{k} = \binom{n}{k}$

$$f(7) = 3$$

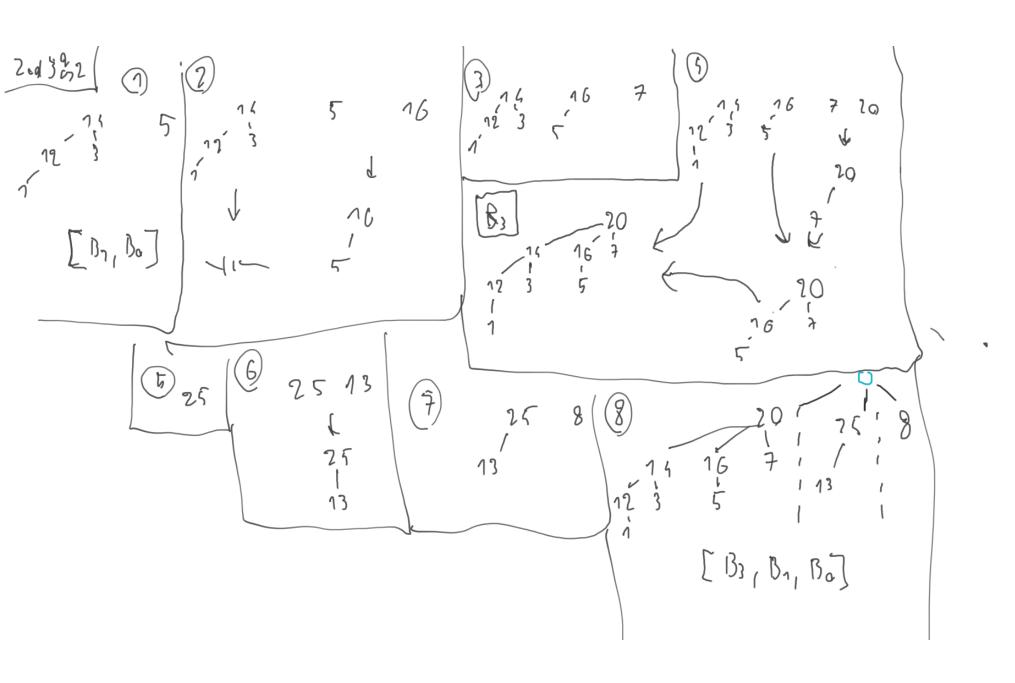
$$|wt d=0;$$

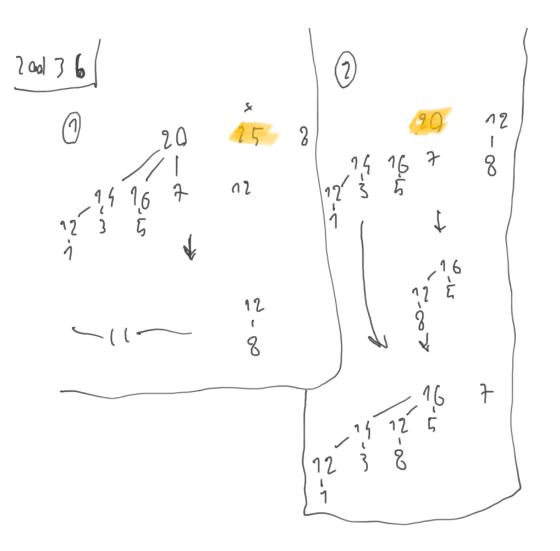
$$|f(7) = 3$$

$$|wt d=0;$$

$$|f(wt) = 0 < (32; i++)$$

$$\frac{2n2}{\lambda} = 0$$
 $\frac{1}{1} = 0$
 $\frac{00001}{1}$





40)
$$\{1,2,4,7\}$$
 $\{5,6\}$ $\{3\}$

$$f(\Lambda) = f(2) = f(4)$$

$$f(\delta) = f(6)$$

$$f(x)$$
-nymnigisy elemt w shione w wholym jest X

$$f(x) = 1 \qquad f(5) = 5 \qquad f$$

$$f(4) = 1 \qquad f(6) = 6$$

2,43 $\{1, 3, 5\}$ int find (n) f while (n + p[n]) h = p [n] 1 2 2 (Union (N, m) { if (f: "' if (fino1(n) == fina(m)){

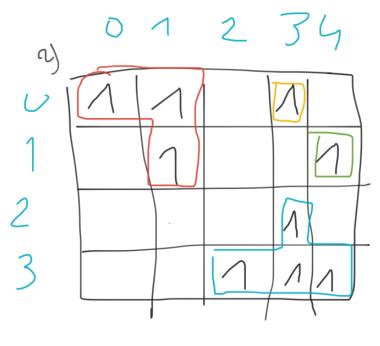
int find (n) f if (p[n] == n) else G PCn] = find (pcn]) 1. 3 return p[n] int fimil(n) { if (p[n]!=n)
p[n]=finol(p[n])
2 vectorn p[n]

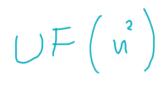
Union
$$(\vec{x}, j)$$
 $\begin{cases} k_i = finol(\lambda) \\ k_i = finol(\lambda) \end{cases}$

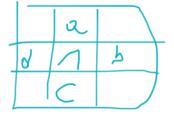
if $(k_i = -k_i)$ Leturn

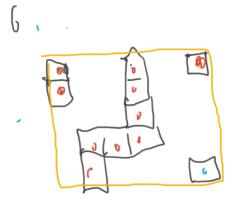
if $(r - Ck_i) < V(k_j)$ $\begin{cases} p[k_i] = k_i \end{cases}$

else $\{ r \in \{ r$









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