

BACHET játéka

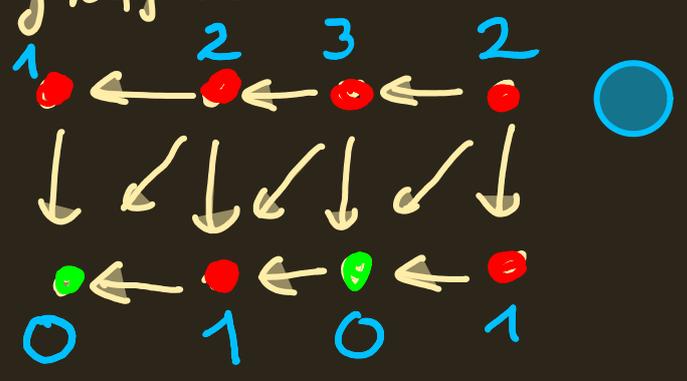
K: 9 29 49 69 84 86 89 100
 T: 19 39 59 79

1 12 23 34 45 56 67 78 89 100
 C8-77 77-88 90-99

lépés: $p \rightarrow q$ $(p, q) \in L \subseteq P \times P$

$(P; L)$ irányított graf
 ↑ elem
 ← él

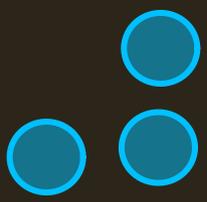
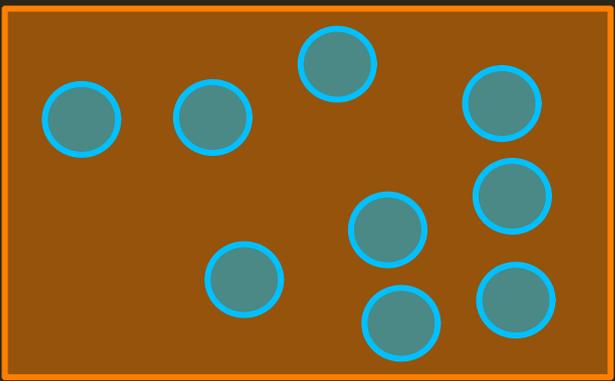
grafjáték



$E \rightarrow$
 $A \rightarrow$

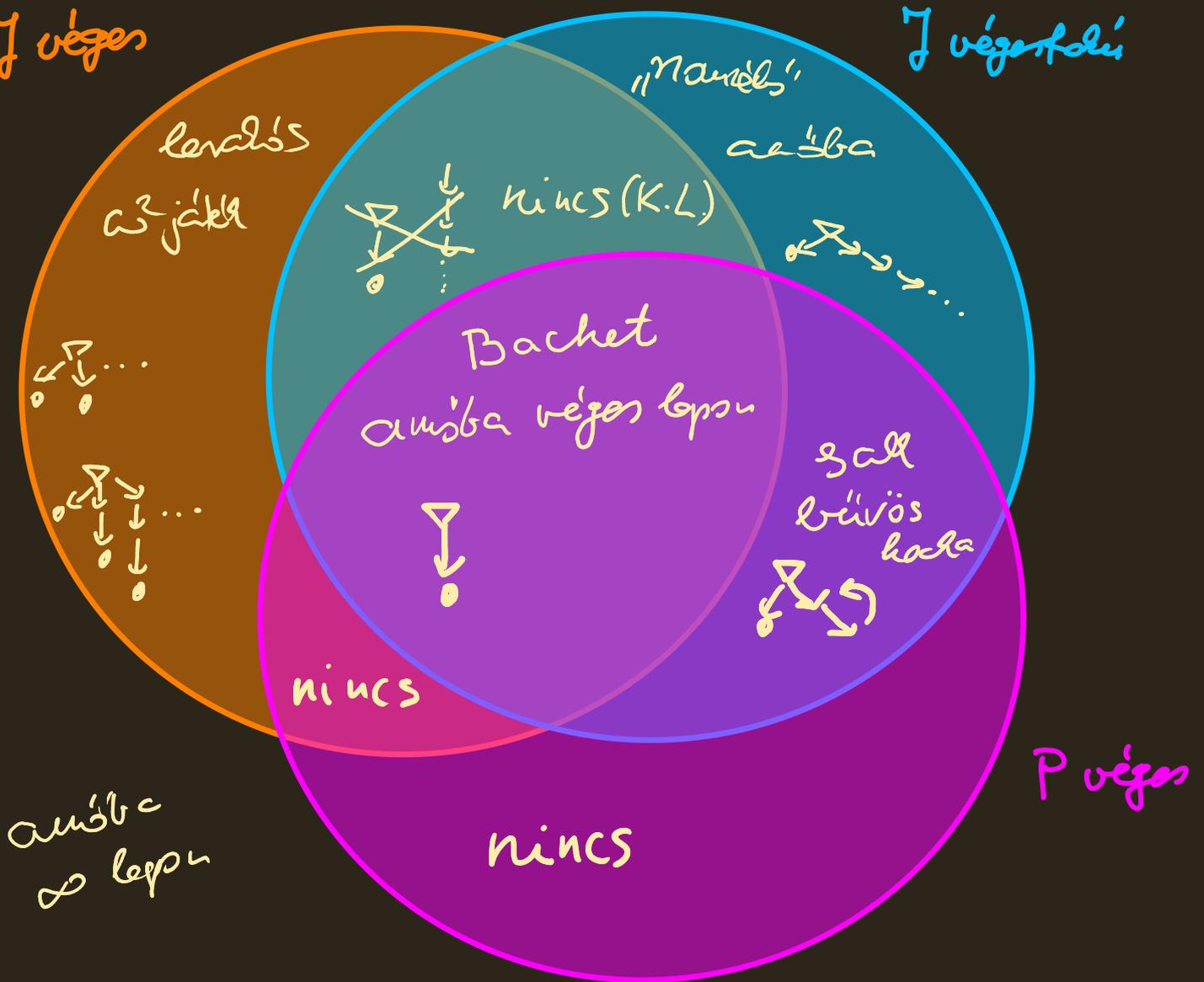
$\max\{0\} = 1$
 $\max\{1\} = 0$
 $\max\{0, 1\} = 2$
 $\max\{0, 1, 2\} = 3$
 $\max\{0, 1, 3\} = 2$

lerülő játék

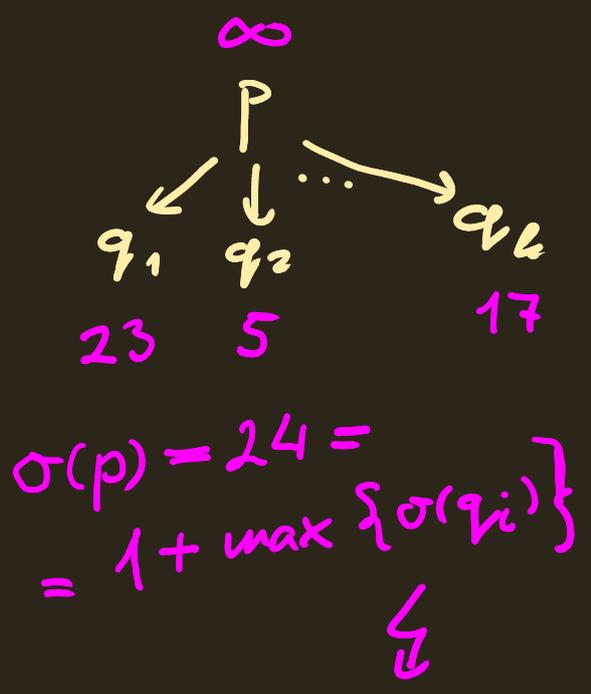
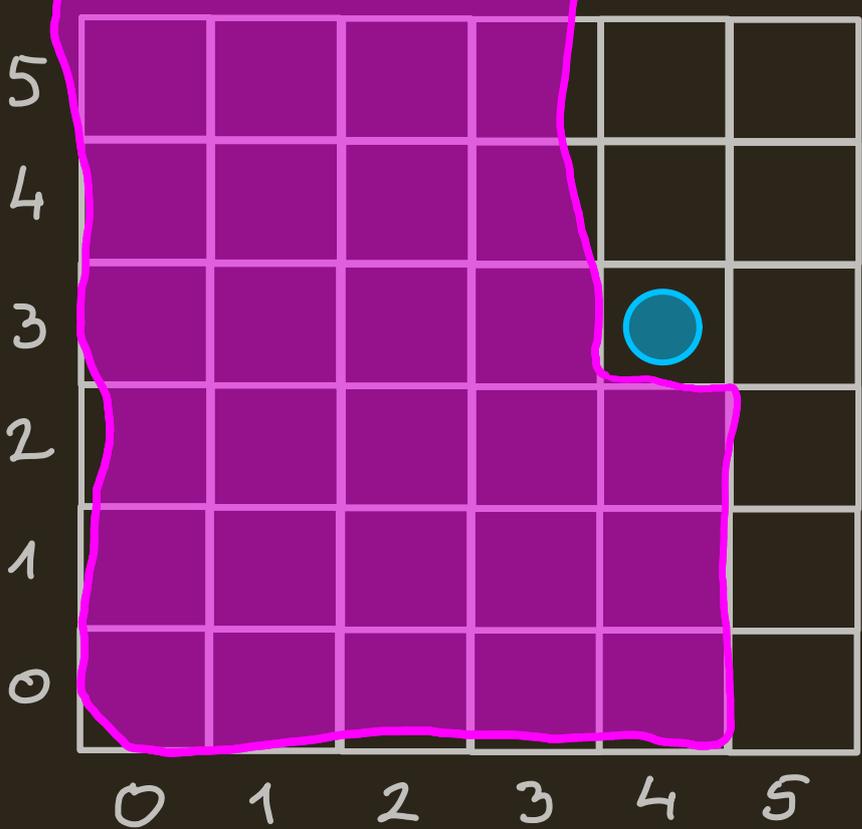


γ véges

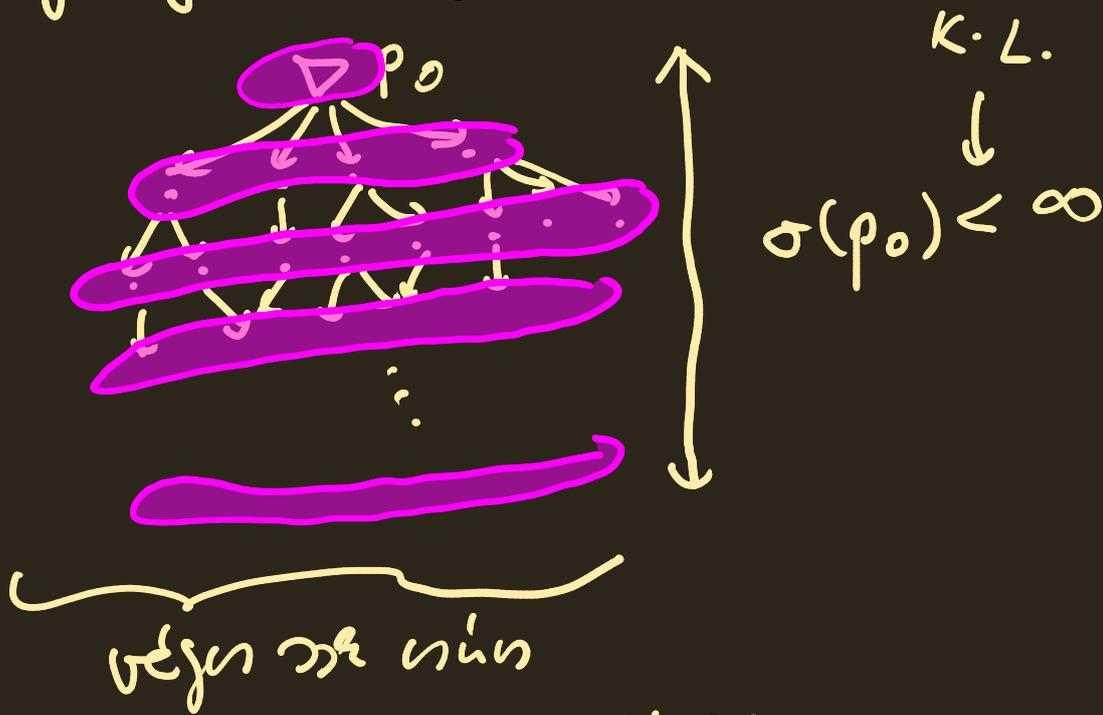
γ végtelen



ω^2 játék



7 végén is véges lehet



végén is véges

str. a Bachtet j'kellben.

$$s: \{0, 1, \dots, 99\} \rightarrow \{1, \dots, 100\}$$

$$s(0) \in \{1, \dots, 10\}$$

$$s(1) \in \{2, \dots, 11\}$$

$$\vdots$$

$$s(90) \in \{91, \dots, 100\}$$

$$s(91) \in \{92, \dots, 100\}$$

$$\vdots$$

$$s(99) \in \{100\}$$

$$\left. \begin{matrix} 10 \\ 10 \\ \vdots \\ 10 \\ 9 \\ \vdots \\ 1 \end{matrix} \right\} 10^{91} \cdot 9!$$

B



	0	-1	1
	1	0	-1
	-1	1	0

kihizetés i utx $10^{91} \cdot 9!$

$$10^{91} \cdot 9!$$

1	-1
-1	1



Зарядка и бастыт!

5						
4						
3						
2						
1						
0						
	0	1	2	3	4	5



5	5	4	7	6	1	0
4	4	5	6	7	0	1
3	3	2	1	0	7	6
2	2	3	0	1	6	7
1	1	0	3	2	5	4
0	0	1	2	3	4	5
	0	1	2	3	4	5



$$21 < \underbrace{57 \oplus 34}_{\parallel} \Rightarrow 21 = \overset{\wedge}{57} \oplus 34 \text{ v. } 21 = 57 \oplus \overswarrow{34}$$

$$? 27$$

$$57 = \begin{array}{r} 32 \ 16 \ 8 \ 4 \ 2 \ 1 \\ \hline 1 \ 1 \ 1 \ 0 \ 0 \ 1 \end{array}$$

$$34 = \begin{array}{r} 32 \ 16 \ 8 \ 4 \ 2 \ 1 \\ \hline 1 \ 0 \ 0 \ 0 \ 1 \ 0 \end{array}$$

$$57 \oplus 34 = \begin{array}{r} 32 \ 16 \ 8 \ 4 \ 2 \ 1 \\ \hline 0 \ 1 \ 1 \ 0 \ 1 \ 1 \end{array} = 27$$

$$\overset{\parallel}{57} \oplus 34$$

$$\begin{array}{r|l} 0 & 1 \\ 0 & 1 \\ 1 & 1 \ 0 \end{array}$$

$$6 \oplus \bar{5} = 6 \oplus 5$$

$$6 = \begin{array}{r} 4 \ 2 \ 1 \\ \hline 1 \ 1 \ 0 \end{array}$$

$$\bar{5} = \begin{array}{r} 4 \ 2 \ 1 \\ \hline 1 \ 0 \ 1 \end{array}$$

$$6 \oplus \bar{5} = \begin{array}{r} 4 \ 2 \ 1 \\ \hline 0 \ 1 \ 1 \end{array} = 3$$