

Projekt Schiffe Versenken

Referentin: Katharina Riegler



Spieltheorie

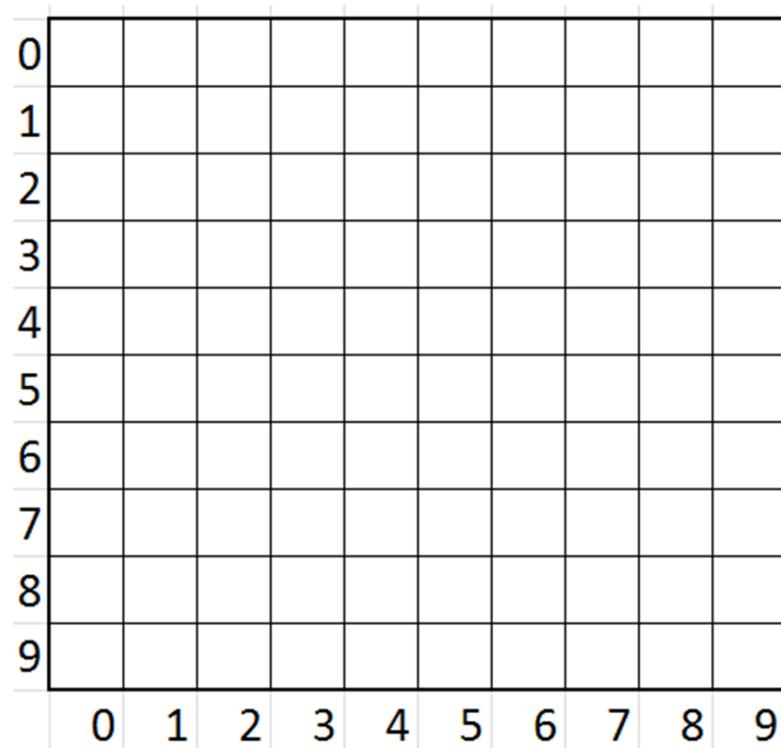
	Geständnis	Schweigen	←	Gustav Gauner
Geständnis	5;5	1;10		
Schweigen	10;1	2;2		

↑
Rolf Rüber

[Jahre Haft]

- Nash-Gleichgewicht

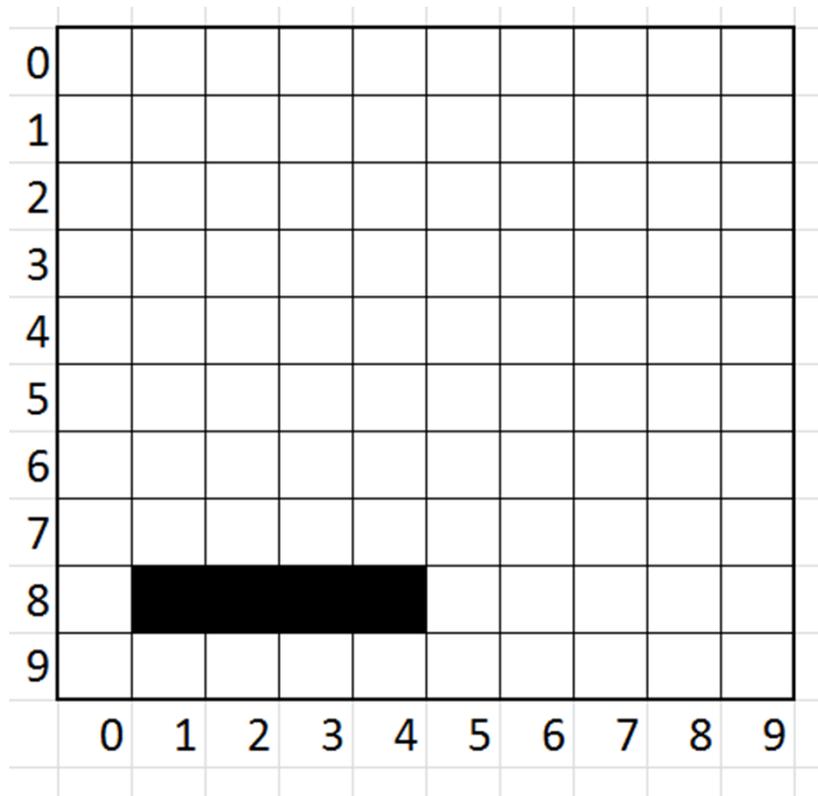
Regeln



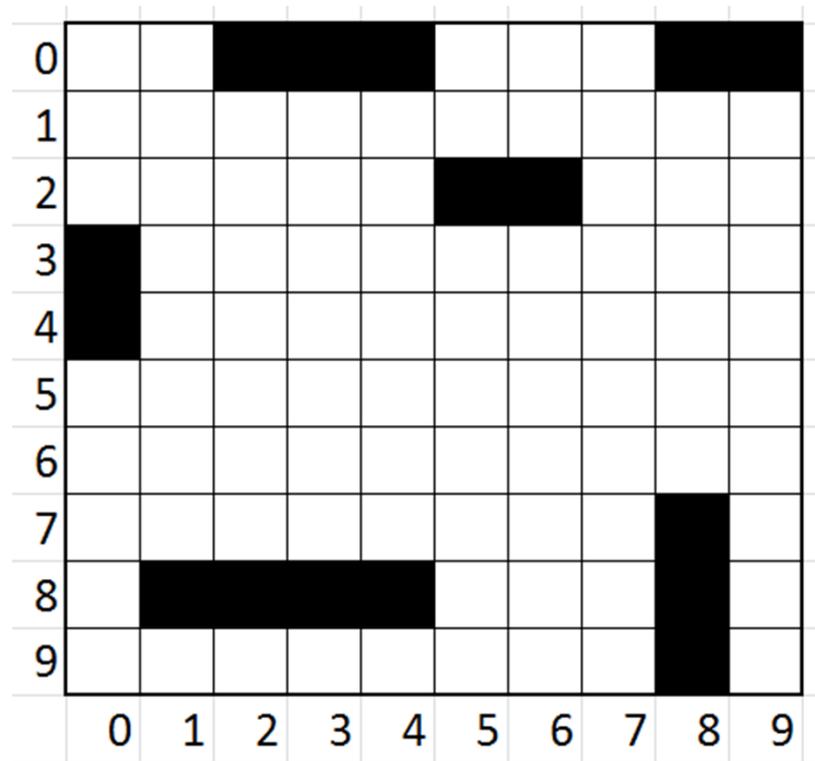
A 10x10 grid for a game, with rows and columns labeled 0-9. The grid is empty.

0										
1										
2										
3										
4										
5										
6										
7										
8										
9										
	0	1	2	3	4	5	6	7	8	9

Regeln



Regeln

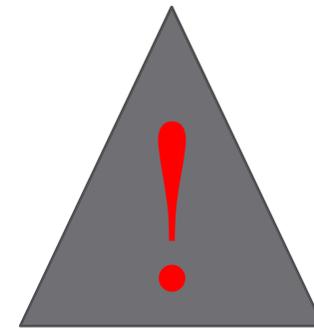
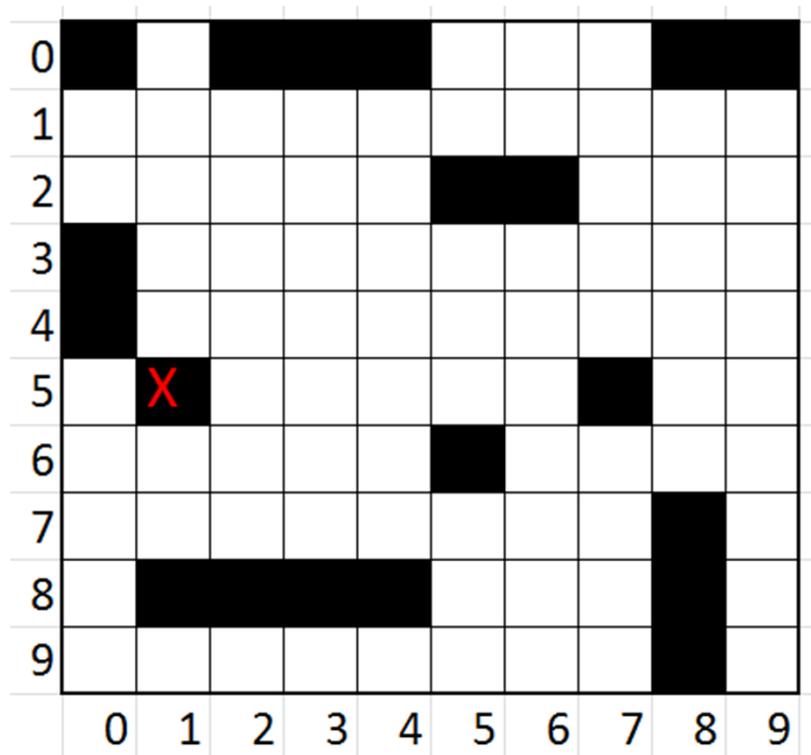
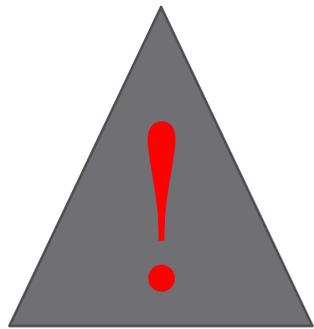


Regeln

A 10x10 grid with black and white cells. The grid is labeled with numbers 0-9 on both the top and left sides. The black cells are located at the following coordinates (row, column):

Row	0	1	2	3	4	5	6	7	8	9
0	Black	White	Black	Black	Black	White	White	White	Black	Black
1	White									
2	White	White	White	White	White	Black	Black	White	White	White
3	Black	White								
4	Black	White								
5	White	Black	White	White	White	White	White	Black	White	White
6	White	White	White	White	White	Black	White	White	White	White
7	White	Black	Black	White						
8	White	Black	Black	Black	Black	White	White	White	Black	White
9	White	Black	Black	White						

Regeln



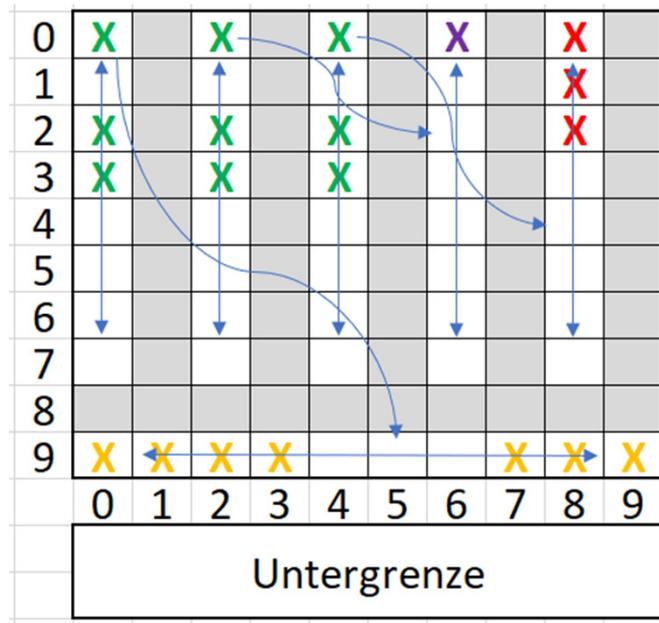
Regeln

A 10x10 grid with rows and columns indexed from 0 to 9. The grid contains black and white cells. The black cells are located at the following coordinates (row, column): (0,0), (0,2), (0,3), (0,4), (0,8), (0,9), (3,0), (4,0), (5,2), (5,7), (6,5), (7,8), (8,1), (8,2), (8,3), (8,4), (8,5), (8,8), (9,8).

0	█	□	█	█	█	□	□	□	█	█
1	□	□	□	□	□	□	□	□	□	□
2	□	□	□	□	█	█	□	□	□	□
3	█	□	□	□	□	□	□	□	□	□
4	█	□	□	□	□	□	□	□	□	□
5	□	□	█	□	□	□	█	□	□	□
6	□	□	□	□	█	□	□	□	□	□
7	□	□	□	□	□	□	□	█	█	□
8	□	█	█	█	█	□	□	□	█	□
9	□	□	□	□	□	□	□	█	█	□
	0	1	2	3	4	5	6	7	8	9

Möglichkeiten

- Ober-/Untergrenze: Was heißt das?



$2.07 \cdot 10^{12}$



Möglichkeiten

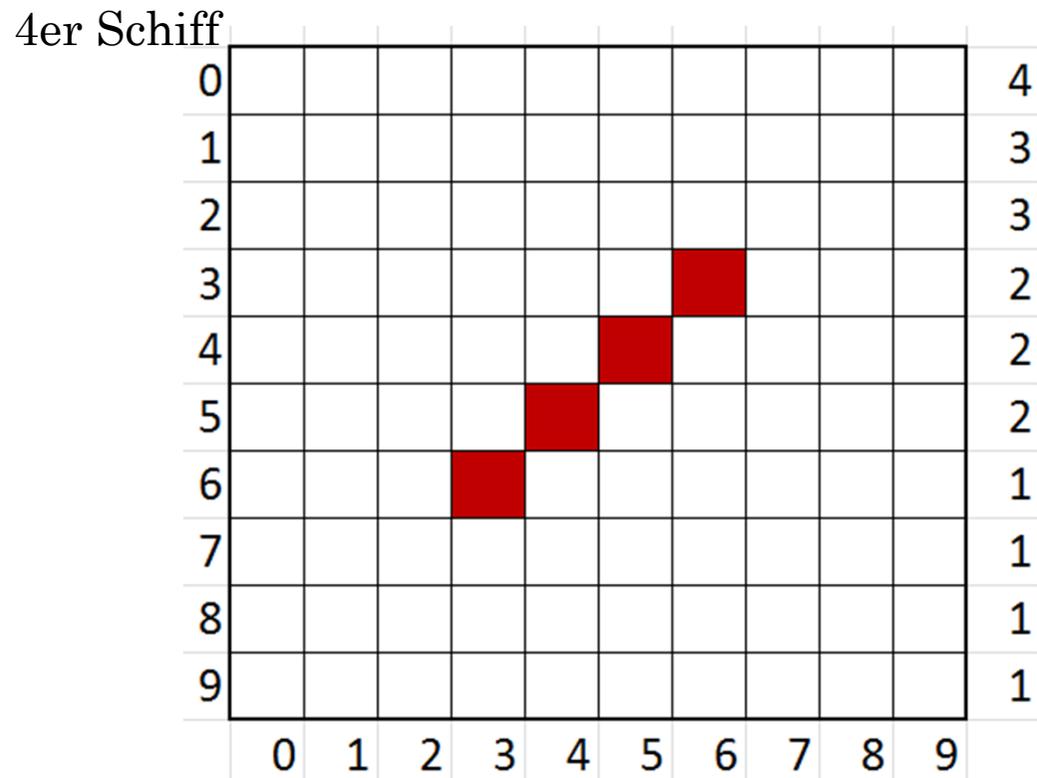
0	X		X		X															
1	X		X																	
2	X																			
3	X		X																	
4			X																	
5	X																			
6	X		X																	
7	X		X																	
8																				
9	X	X	X																	
	0	1	2	3	4	5	6	7	8	9										
	Obergrenze																			

$3.7 \cdot 10^{19}$



617x Sonnensystemdurchquerung

Ratestrategien

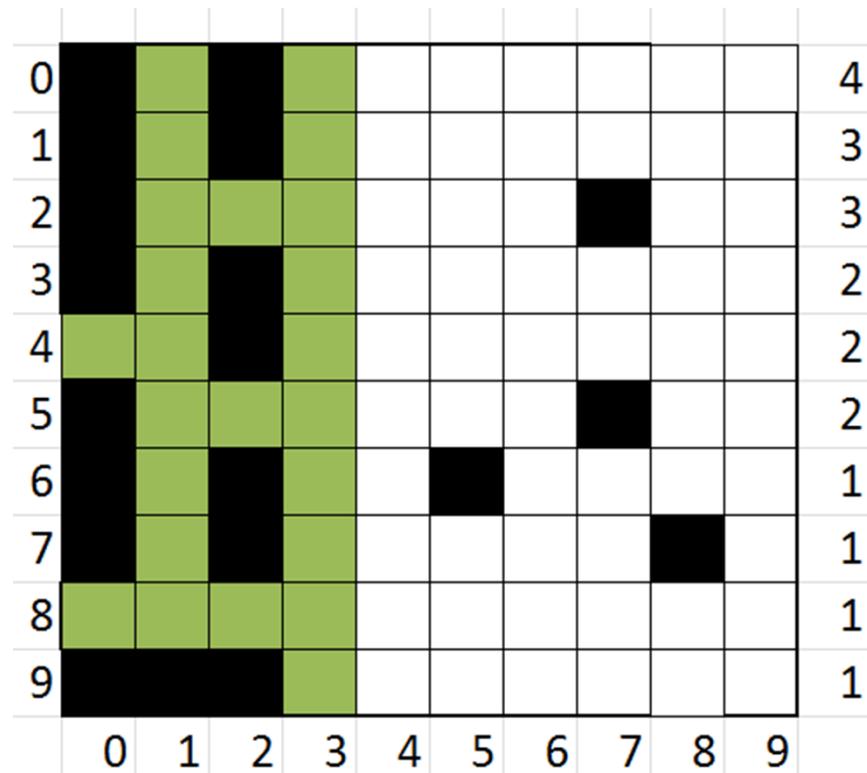
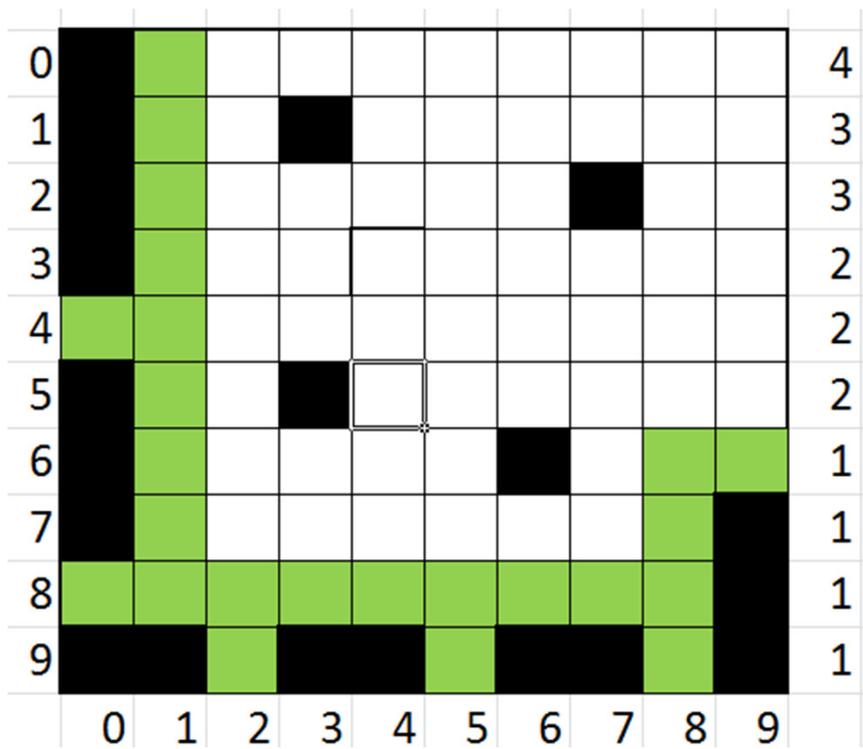


Setzstrategien

4er Schiff

0		1								4
1		2								3
2		3	1	2	3	4	5	6		3
3		4	14					7		2
4	6	5	13	12	11	10	9	8		2
5										2
6										1
7										1
8			2	3	4	5	6	7		1
9			1					8		1
	0	1	2	3	4	5	6	7	8	9

Setzstrategien



Zufälliges Feld erstellen

