

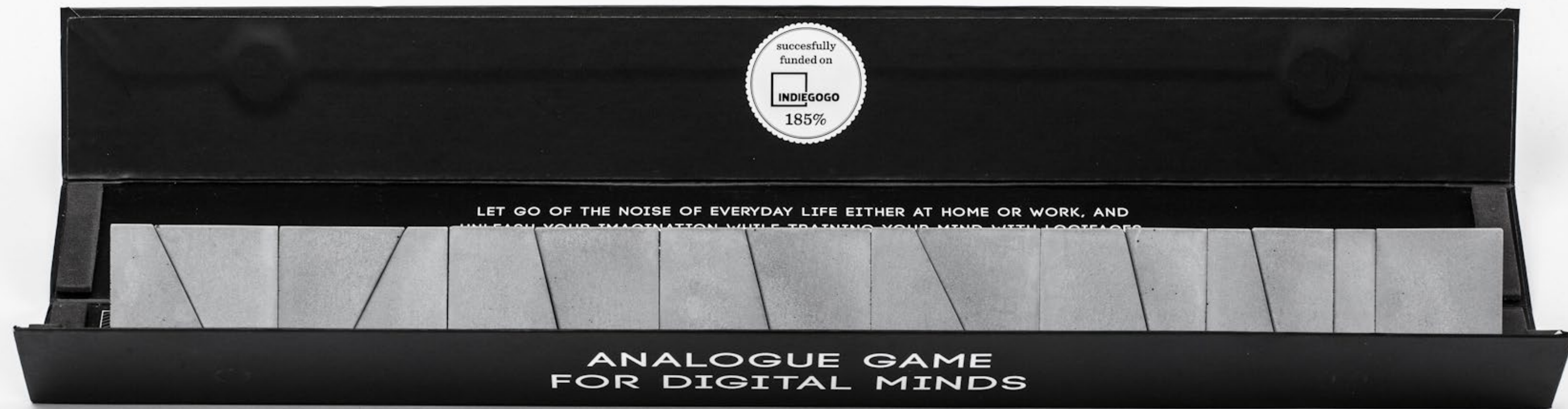
LINZ STEAM 2018
Education Conference

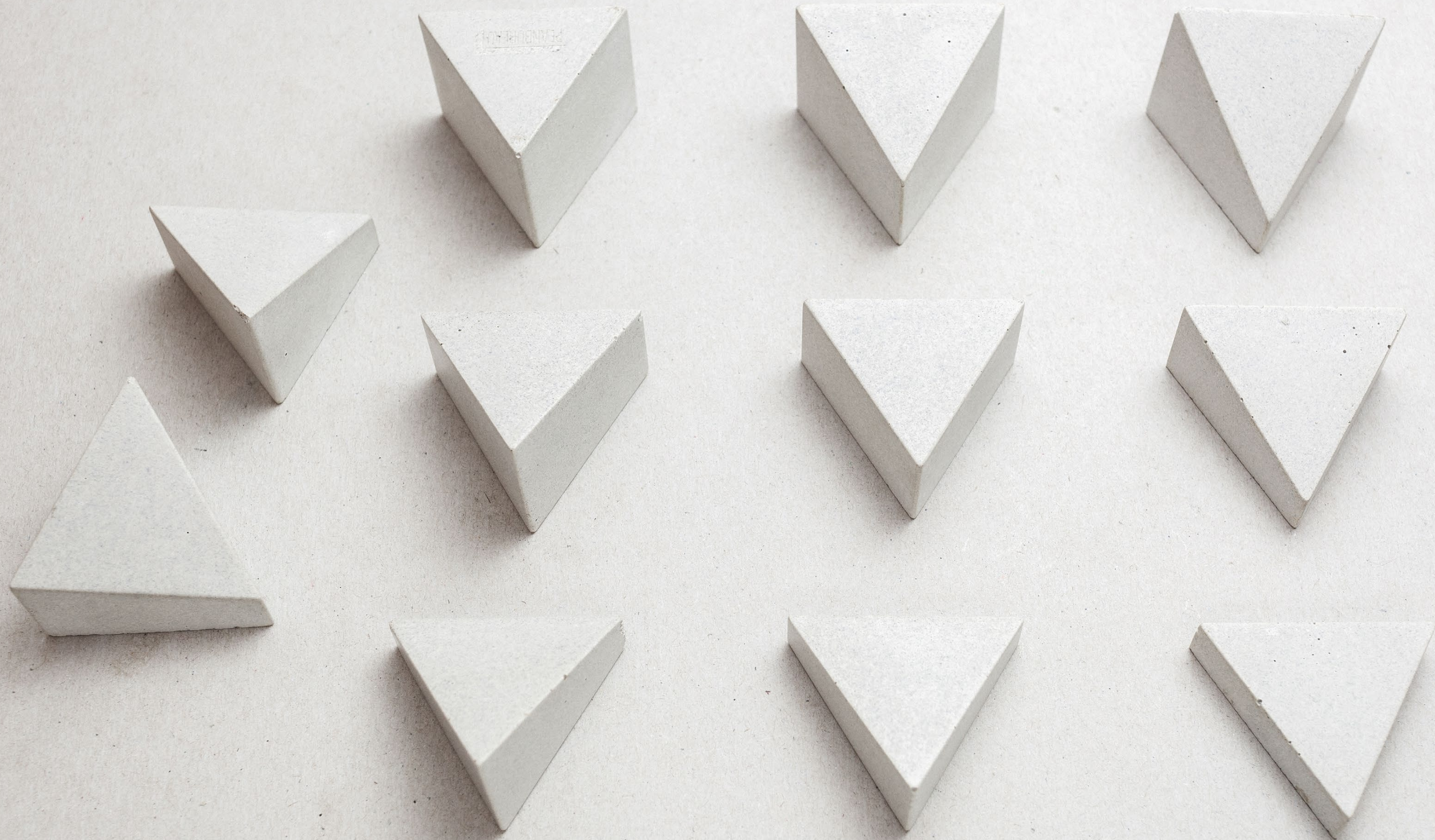


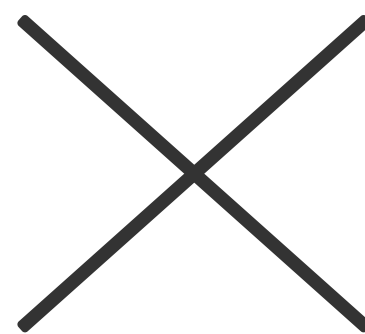
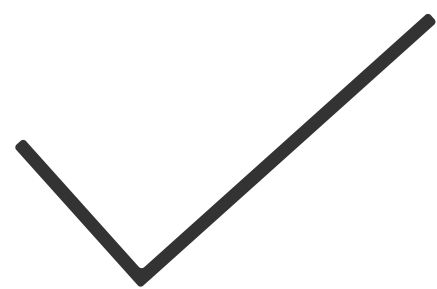
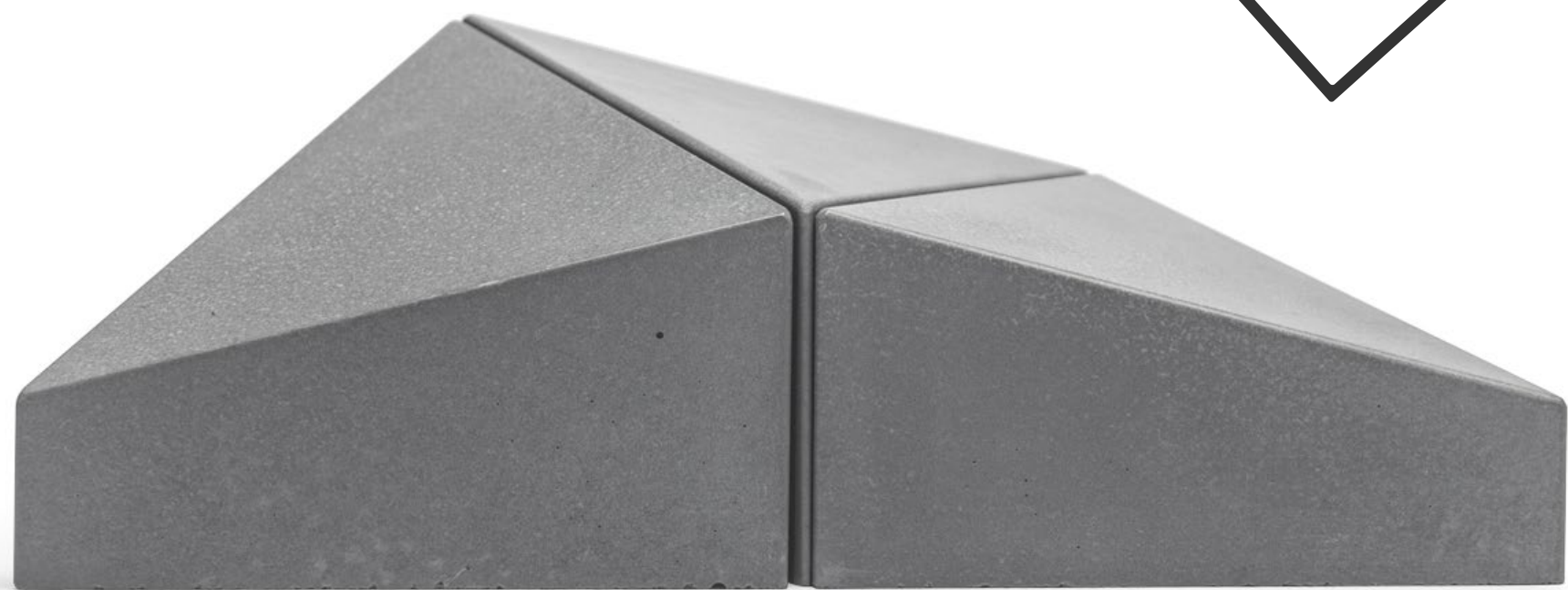
JUMP FROM PAPER
The Logifaces story

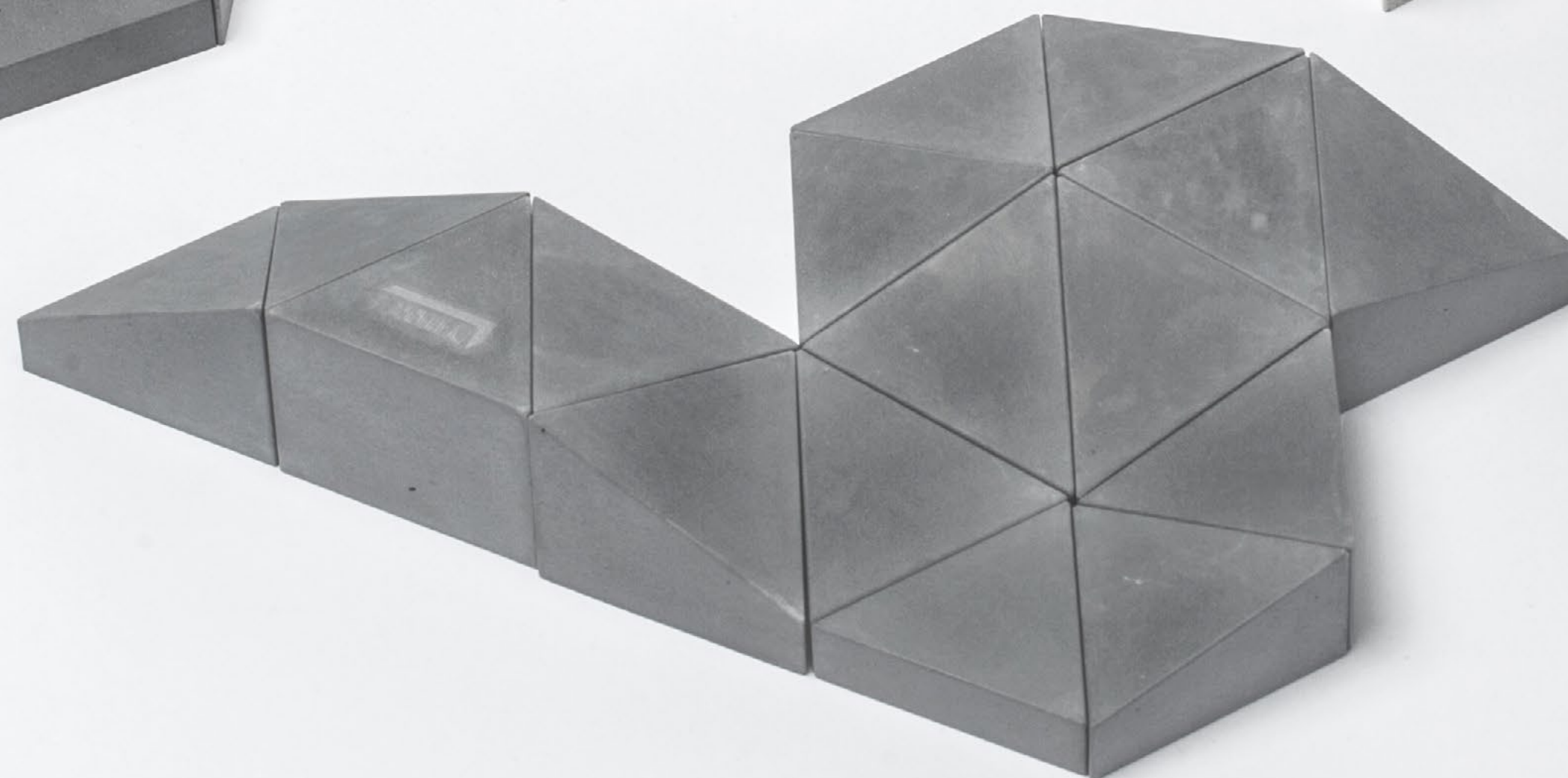
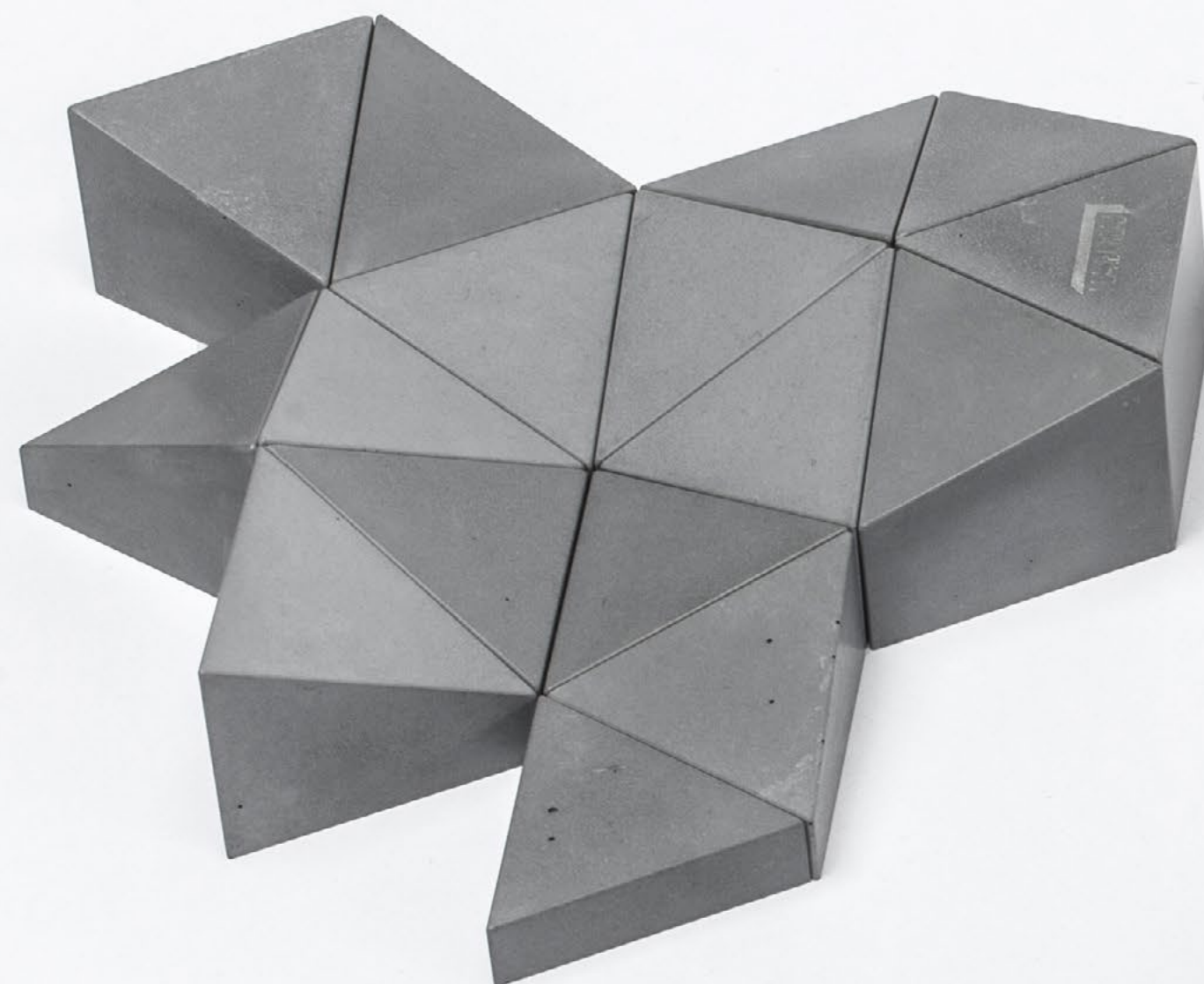


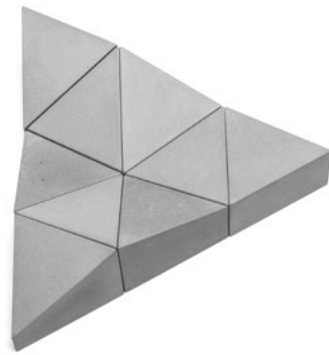




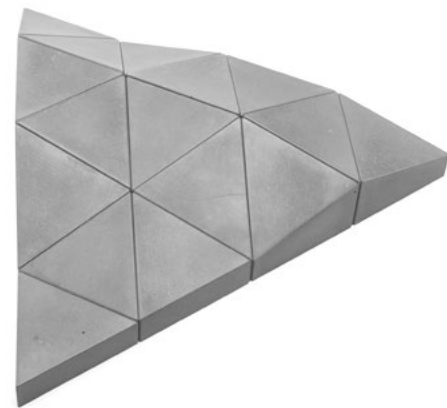




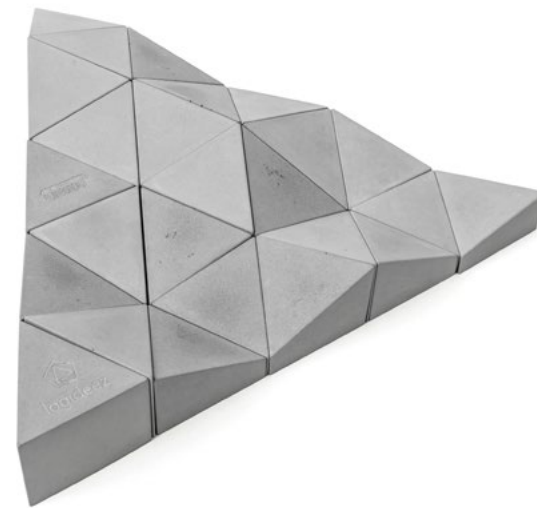




▲ 9 pcs.



▲ 16 pcs.



▲ 16 pcs.

▲ 9 pcs.

#	endpoint heights (block variations)			9	16	25
				number of blocks in each set		
1	1	1	1	0	1	1
2	2	2	2	1	0	1
3	3	3	3	0	1	1
4	1	1	2	1	2	3
5	1	1	3	1	1	2
6	2	2	1	1	1	2
7	2	2	3	0	2	2
8	3	3	1	1	1	2
9	3	3	2	0	3	3
10	1	2	3	2	2	4
11	1	3	2	2	2	4
	solutions for the triangle			2	22	4942

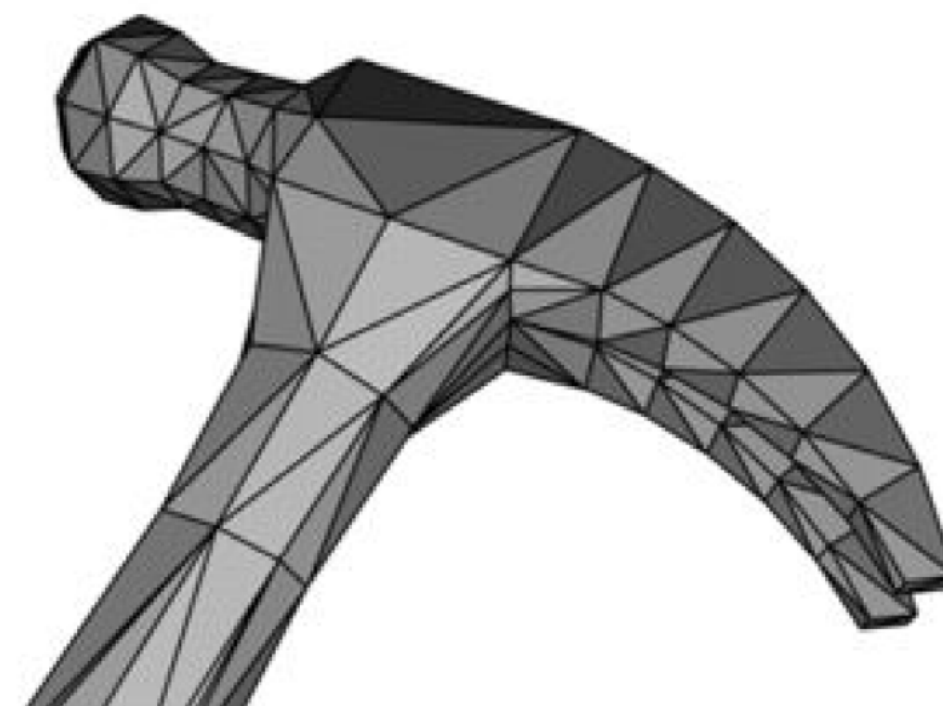
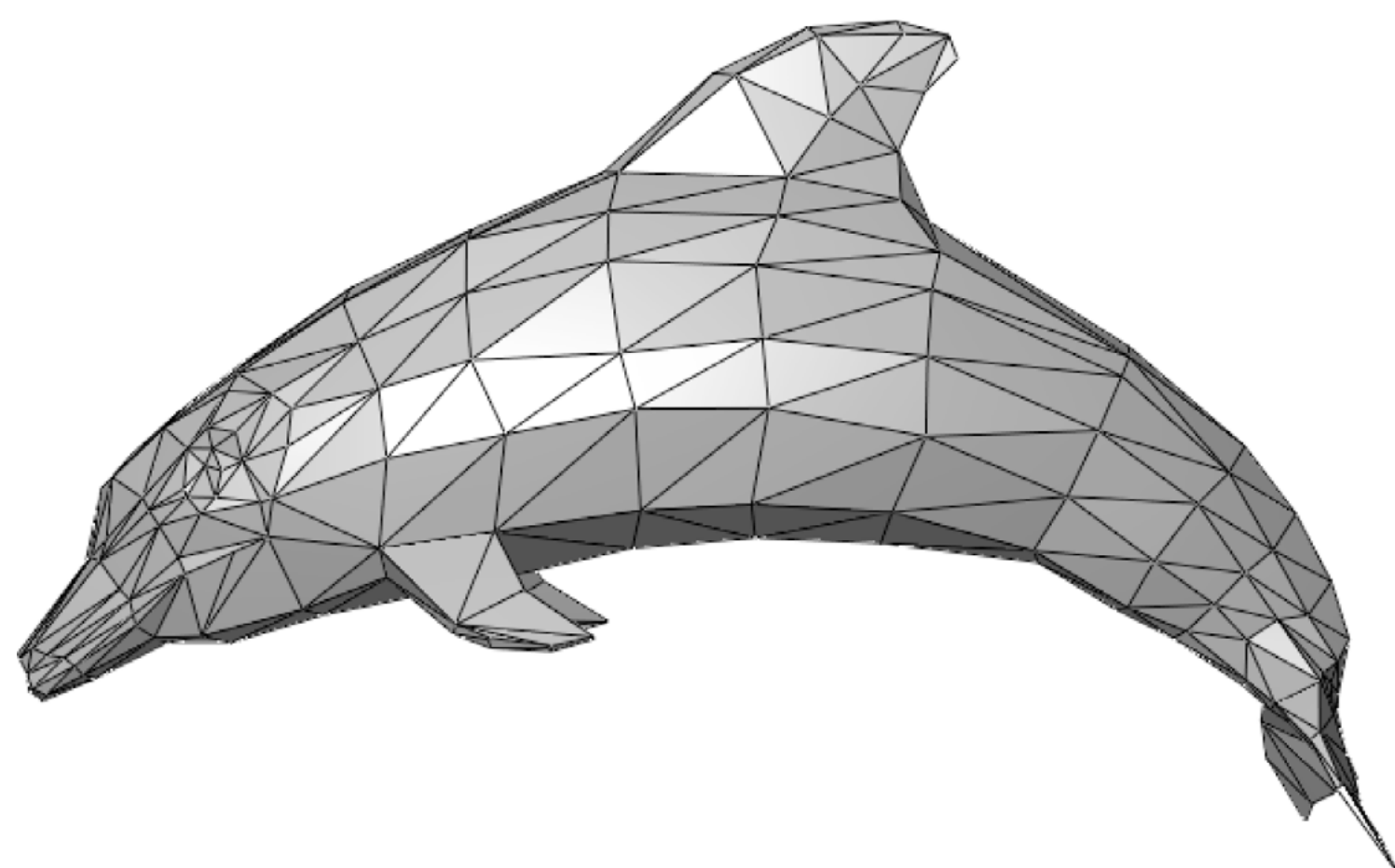
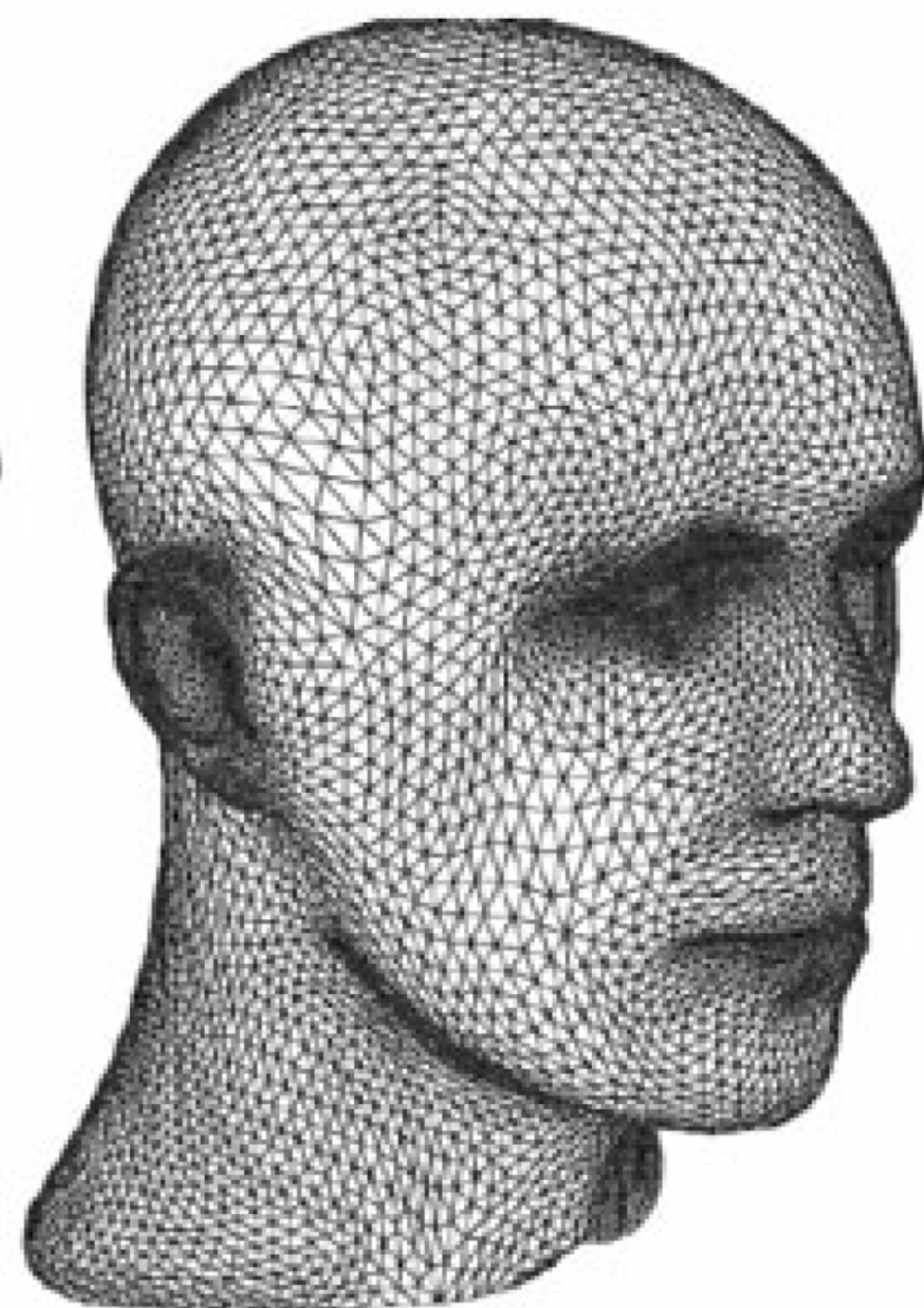
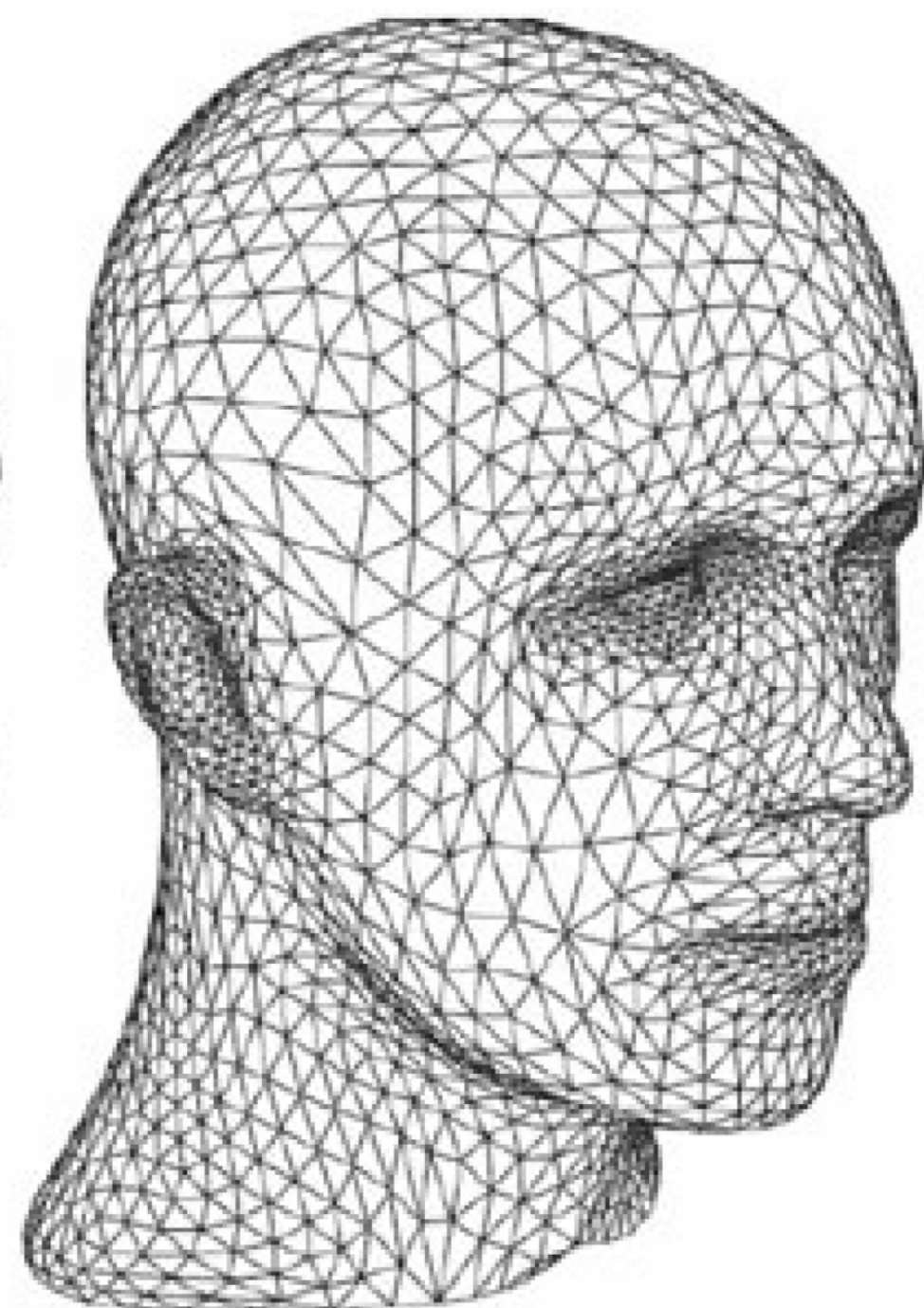
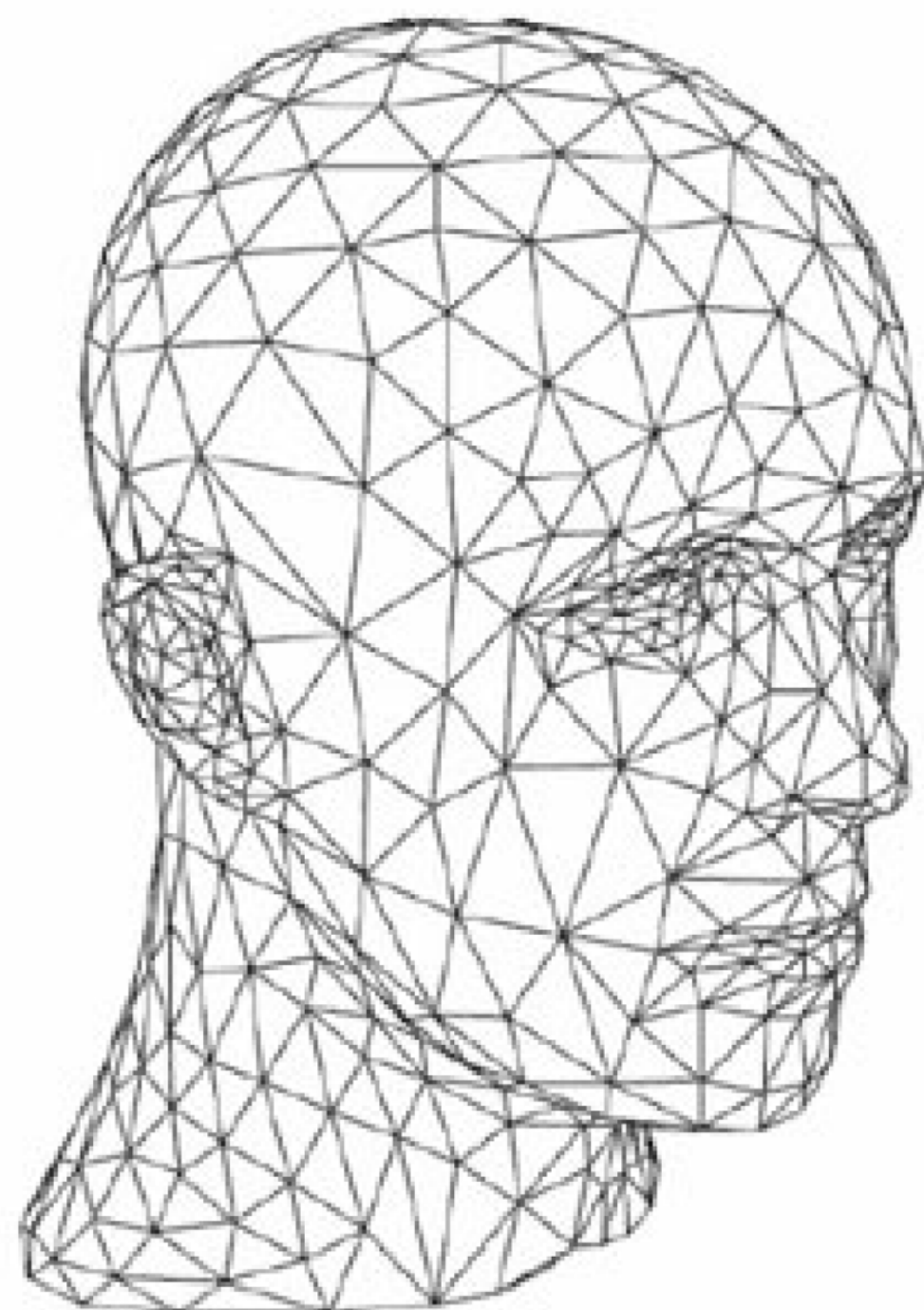






An abstract composition of several rectangular blocks of varying sizes and orientations, some in black and some in white, creating a complex geometric pattern. The blocks are arranged in a way that suggests depth and perspective, with some blocks appearing to be stacked or leaning against each other. The lighting is soft, highlighting the edges and surfaces of the blocks.

analogue
game
for
digital
minds



Rich Task

- Step into activities when the route to a solution is initially unclear
 - Works at a range of levels
- Broadens their problem-solving skills

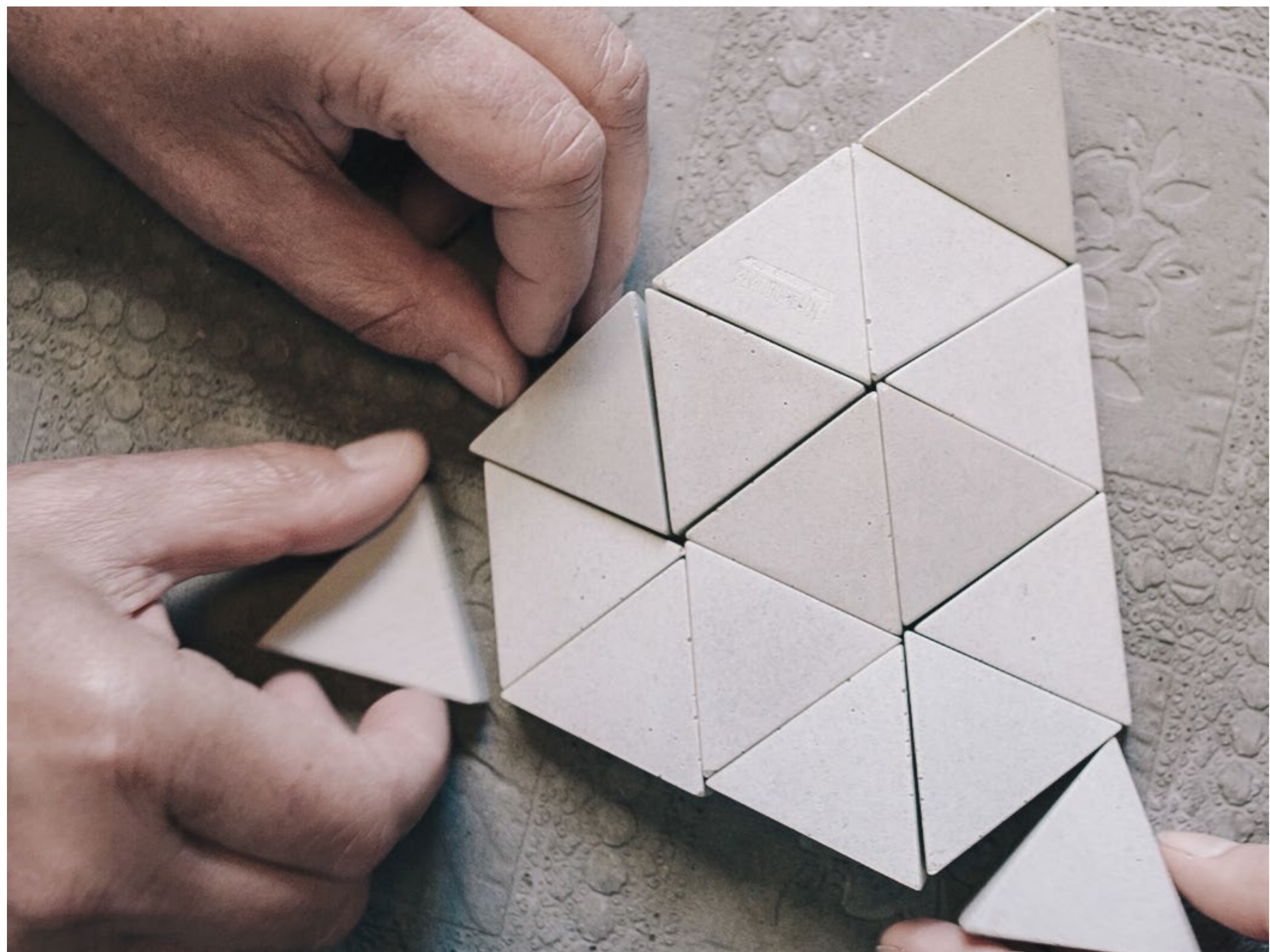


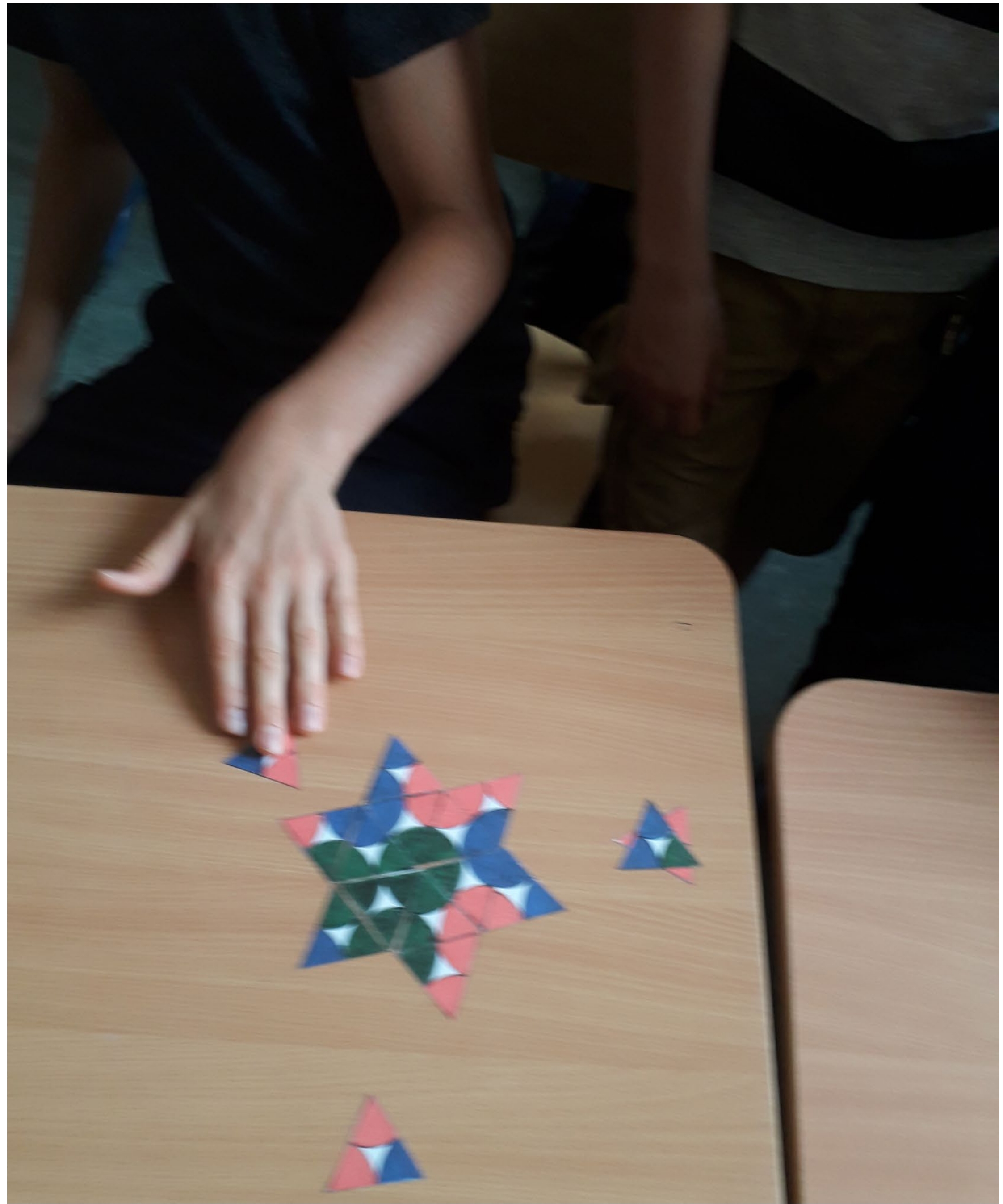
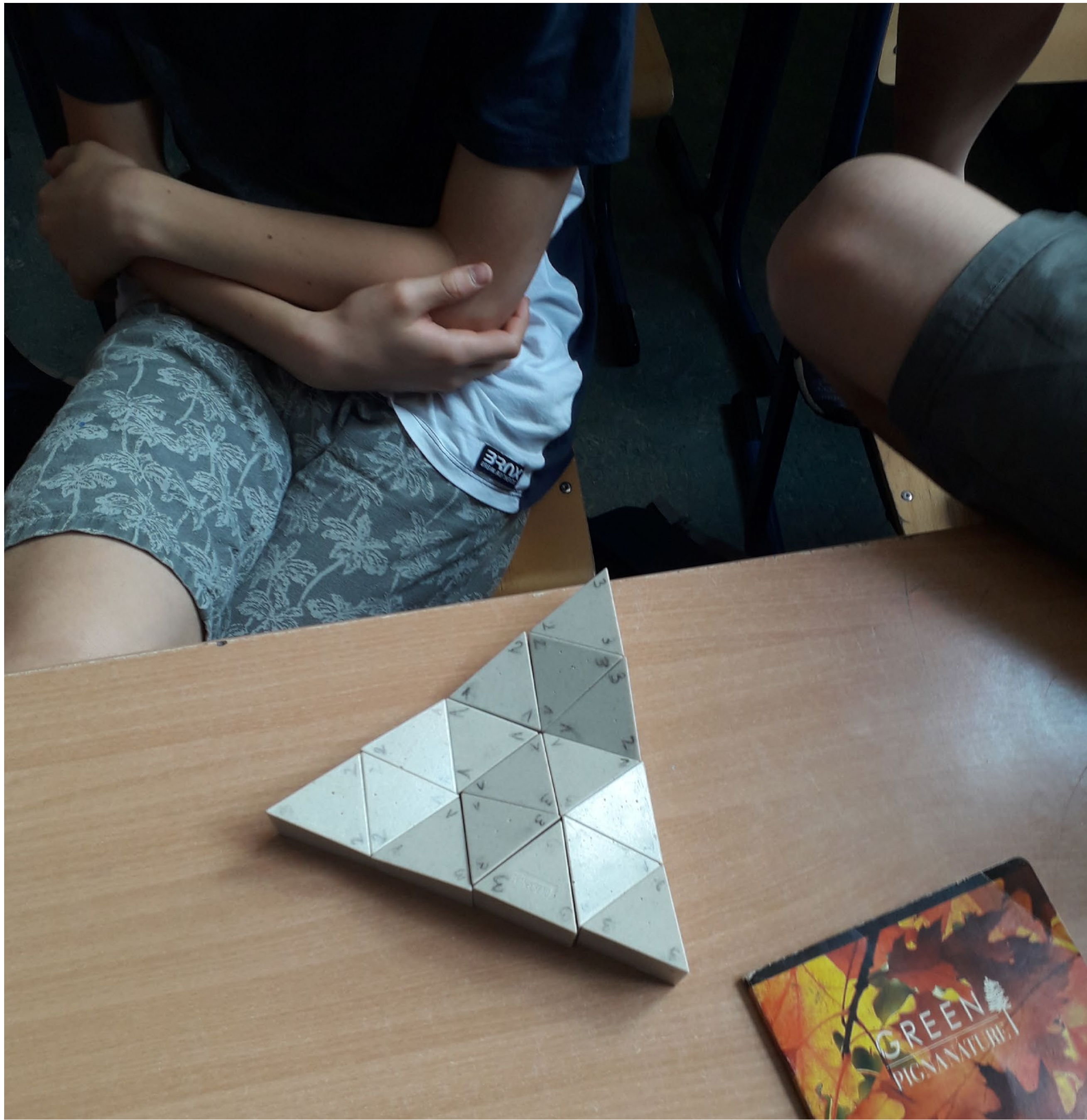


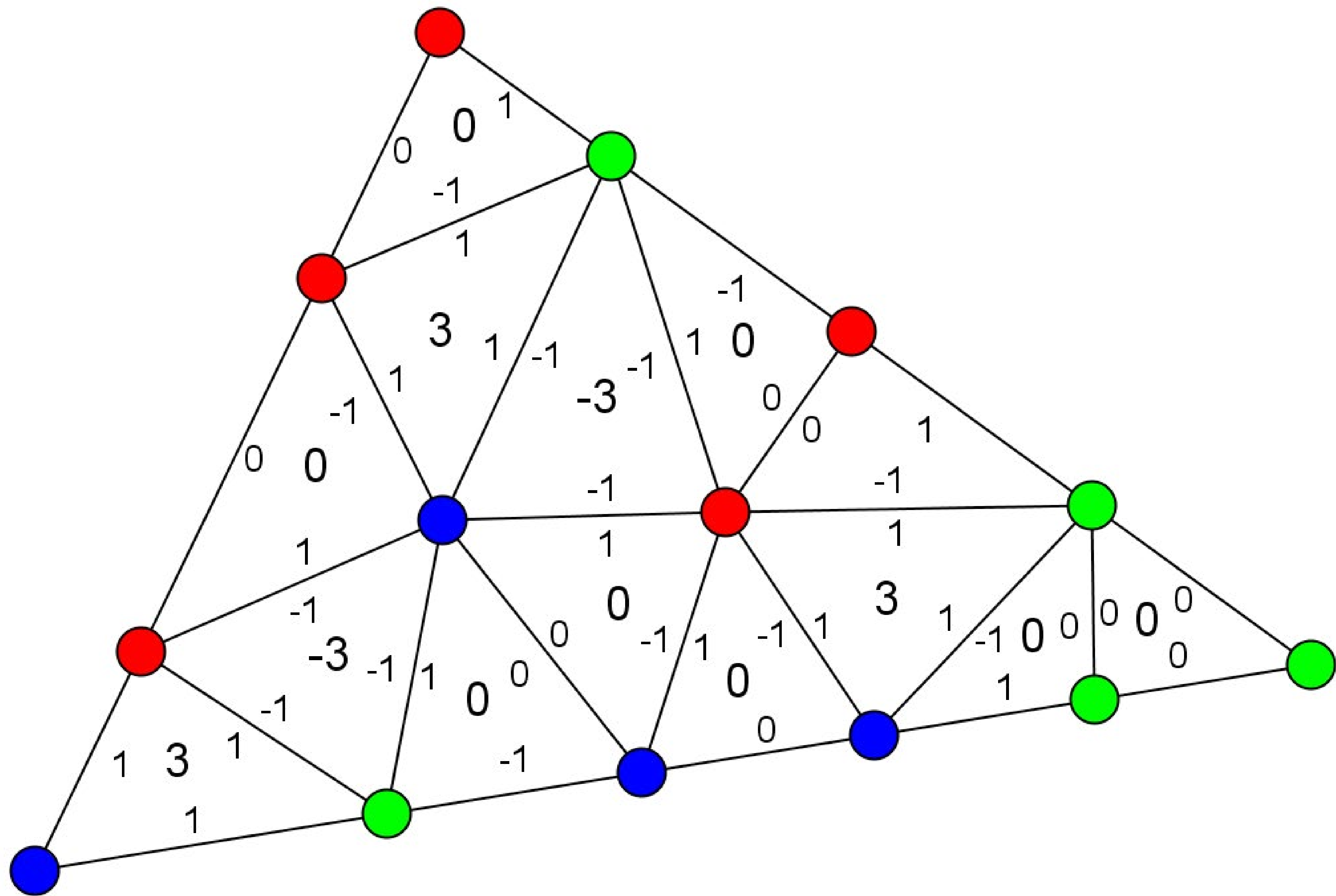








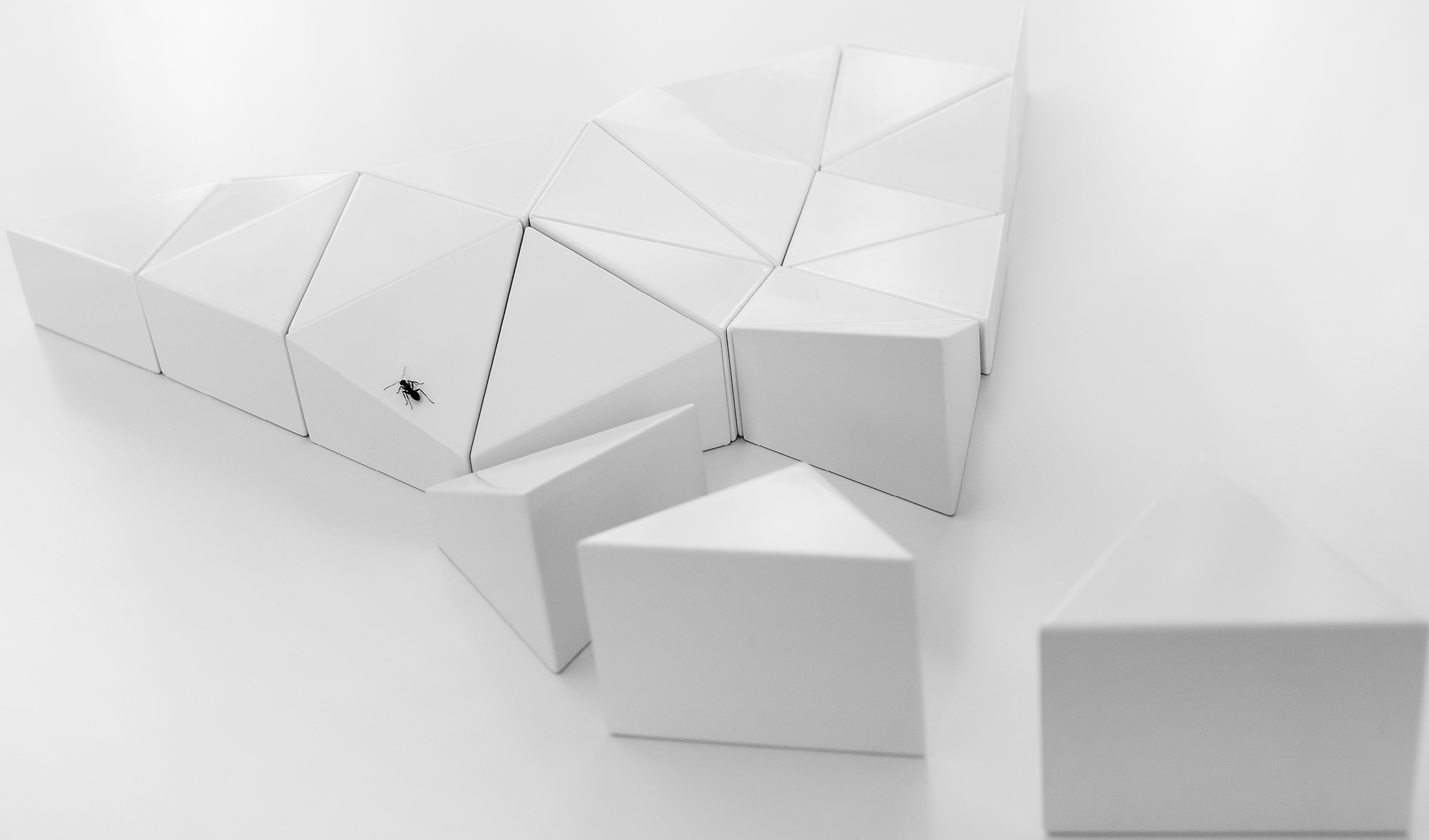




Sperner's lemma

Brouwer fixed-point theorem

Nash equilibrium



THANK YOU