

## Transparent Op-cubes

### *Op-sculpture 1*

- 1) Glue two edges by using pieces of adhesive transparent tape (Fig. 1). It is not necessary to completely glue the edges, but just to fix together the ends and middle parts.
- 2) Join together the obtained pieces by gluing the corners.

### *Op-sculpture 2*

- 1) Fold the edges denoted by broken lines and glue together the other two edges by using pieces of adhesive transparent tape.
- 2) From the obtained parts make the Op-cube.

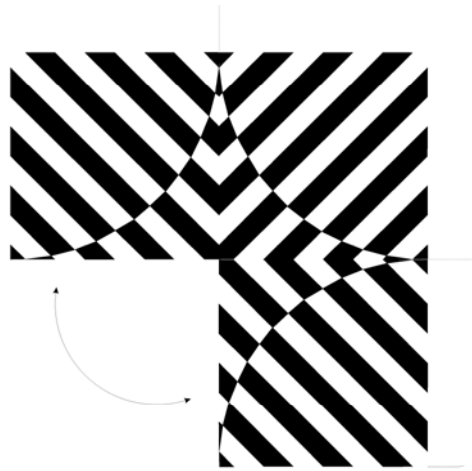


Fig. 1

## Knot-tile game

- 1) Join together given 9 elements in such a way that no empty edges remain and all elements are used. E.g., with four elements you have two solutions (Fig. 2). How many different solutions you can find playing with these 9 elements?

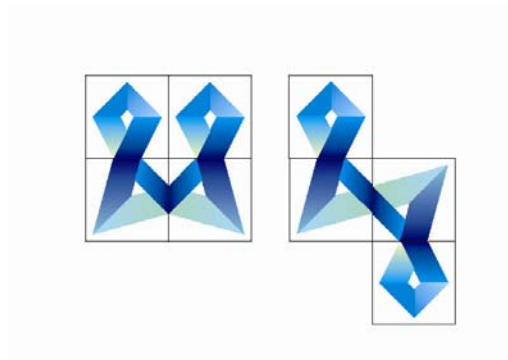


Fig. 2

### Op-tile Hypercube

- 1) Fold the edges denoted by broken lines and glue together two opposite edges (Fig. 3a).
- 2) The obtained 6 pieces join together by gluing together the upper edges denoted by bold lines (Fig. 3b).
- 3) Make the hypercube from the structure 2) by fixing together the corresponding inside edges by using pieces of adhesive transparent tape (it is not necessary to completely glue the edges, just fix the middle parts).

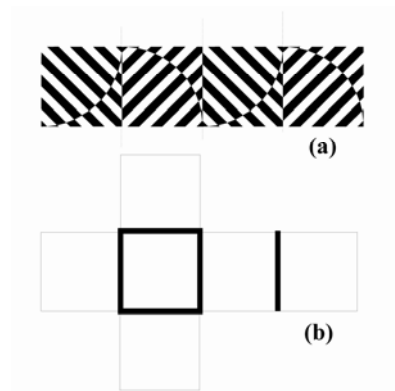


Fig. 3

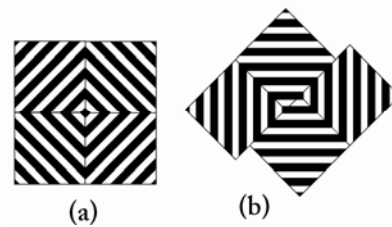


Fig. 4

### Op-tile game

- 1) From Op-tiles make your own design. Certainly, you can put the pieces together edge-on-edge (Fig. 4a), but more interesting effects you can obtain by shifting (Fig. 4b). The final design glue on the paper.