

**Do you want to be the proud owner of our Flying-Games?
 What about a daily meditation-session with your own Flying-Game?
 Explore its extraordinary varieties.
 Surprise your friends with endless flying-phenomena.**



This cube is formed out of **four kaleidocycles** (a chain consists of 16 tetrahedral links).

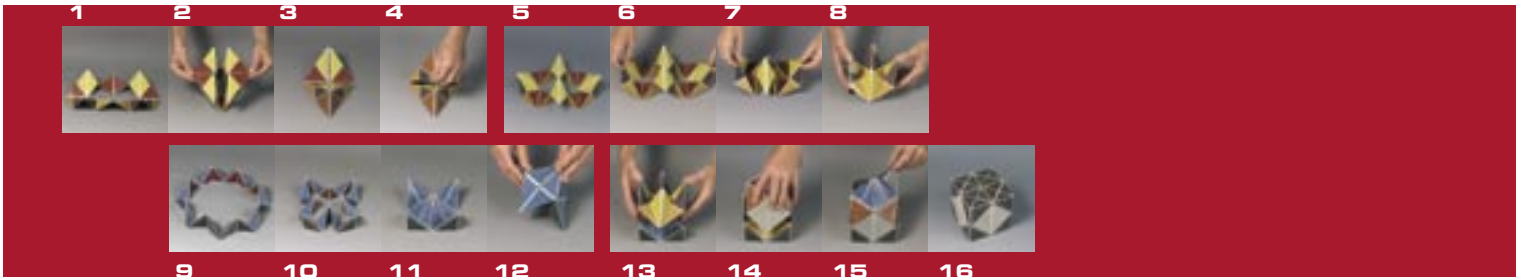
Two of them form **octahedra**. Both of the octahedra are dual in relation to the cube, which means that the vertexes are tangent to all the centers of the cube surfaces.

Two of the kaleidocycles form **tetrahedra**. The tetrahedra have the size of the cube-inscribed tetrahedron.

From this follows: The volume of the two cube-inscribed tetrahedra plus the volume of the two cube-dual octahedra are the same as the volume from the surrounding cube.

GRASP THE SPACE

SPACEPUZZLE AND
 TURNING INSIDE-
 OUT GAMES



The Tetrahedron (Pyramid)

Upturn the 16 link-chain with the inside-colours (yellow-red) that way at a flat surface so that the two pairs of red links support each other right and left. Fig.1.

Lift up the chain with the right and the left hand.

The two pairs of red links (above and below) dangle down. Fig.2.

Now bring both hands horizontally together. Fig.2.

A rhombus emerges consisting of four red and four yellow chain-links. Fig.2.

Flatten the form on the table. Fig.3.

Lift up the upper pike and clap down the upper half-solid at the half-solid below. Fig.4.

The Crown (built out of the tetrahedron)

Upturn the 16 link-chain with the inside-colours (yellow-red) at the table so that the two pairs of yellow links support each other right and left.

The yellow pairs of chain-links (above-below) must be positioned like in Fig.5.

Join together the chain with both hands (right-left).

The inner-pikes of the two pairs of yellow links (above-below) must turn up. Fig.6.

At the same time lift up the outer points of the right and left pair of yellow links and move them to the middle. Fig.7.

Work slowly and gently! Do not apply any pressure!

Now slide the hole shape together. Fig.8.

The Octahedron (Diamond)

Upturn the 16 link-chain at the table so that the grey surfaces are outside, the red inside and the blue upturned. Fig.9.

Slide the chain equally to the middle. Fig.10. Put the chain symmetrically together.

In the middle a pike appears. Fig.11.

Lift up the solid at the pike and capsize the four external pairs of links. Fig.12.

The Cube (Dice)

Put down the open octahedron-shape at the table. Fig.11.

Then attach the crown. Fig.13.

Insert the second crown upside-down into the first. Fig.14.

Insert the second octahedron into the upper hole and capsize the four upper pairs of links. Fig.15.

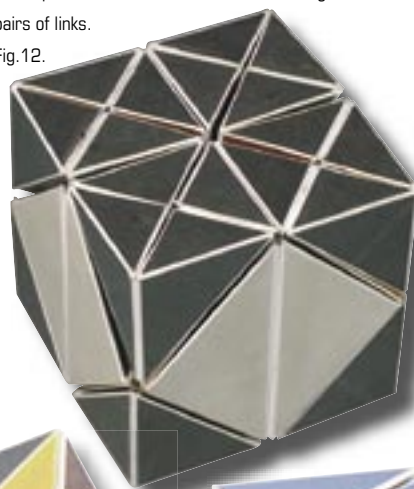
How to proceed?

Do not apply any pressure! Do not „mangle“. Do not tear apart.

Preferably play with two hands symmetrically on a flat surface.

Before you start look precisely at the original shape. Then experience the exciting forms which you can develop and try, last but not least, to get back to the original shape.

Much gaming enjoyment!



Order* your own Flying-Game per email, post or telephone

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*** Please allow 2 months for delivery, because <<cube one>> is handmade. We apologize for any inconvenience.**

