

The Zodiac Dodecahedron



From space through the plane forwards to space.

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"The pentagon in space disperses into the number twelve and becomes the number of the transfigured spatial cube. In this way it descends into the plane becoming dodecahedron woven of triangles, squares and hexagons - the dodecahedron in the plane. But how did people allow them selves to confine the three dimensions of universal space into a plane and none the less to assume that no harm is done thereby?

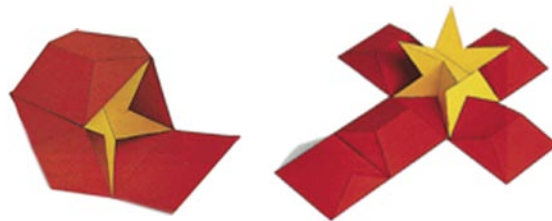
They are enabled to do so through the number twelve.
For twelve is the number of opened up space, through and through transformed to the pentagon.
Also in the plane the strong qualities of three dimensional space are preserved in it,
yes it is reveald there.

In this way the oldest egyptian representations of starry space
show a bow of an arch of twelve star pentagrams.

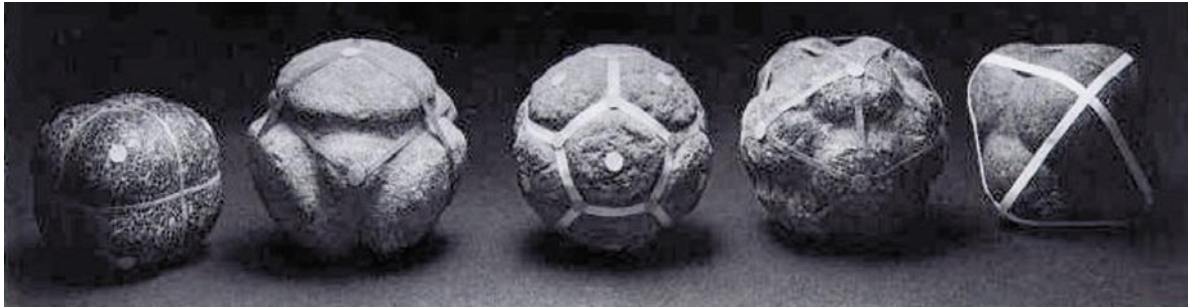
(There are also ancient traditions which show that the twelve parts of the zodiac
are related to the zones of the dodecahedron.)"

Hugo Kückelhaus

In memoriam
Carl Kemper



The Dodecahedron in older Time and the Middle Ages.



Neolithic Carved Stone Polyhedra, Scotland
(can be seen in Aberdeen's Kings College Museum)

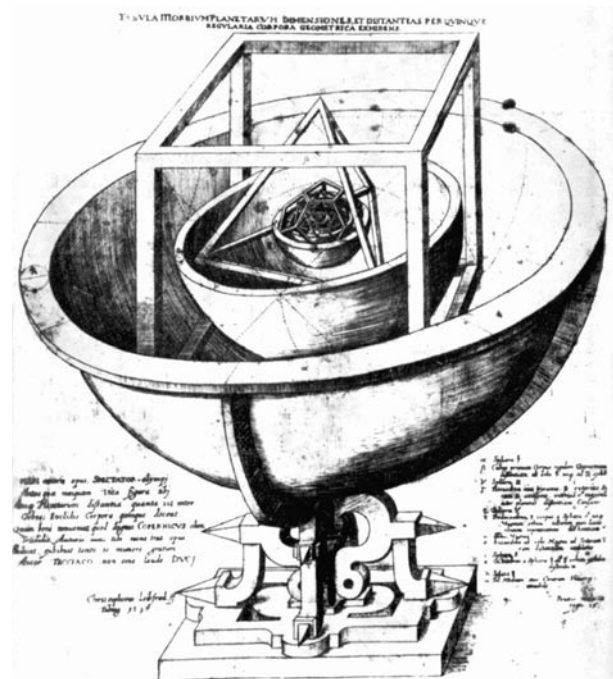
Roman Dodecahedra.
They have been found in Great Britain, Belgium, Germany, France, Luxembourg, Netherlands, Austria, Switzerland, and Hungary.

<http://www.georgehart.com/virtual-polyhedra/neolithic.html>

Druidic Dodecahedra?

One of the rarely found images of the zodiacal ordering is that of the signs relating to the twelve surfaces of the dodecahedron.
Neopythagoric, roman, celtic.

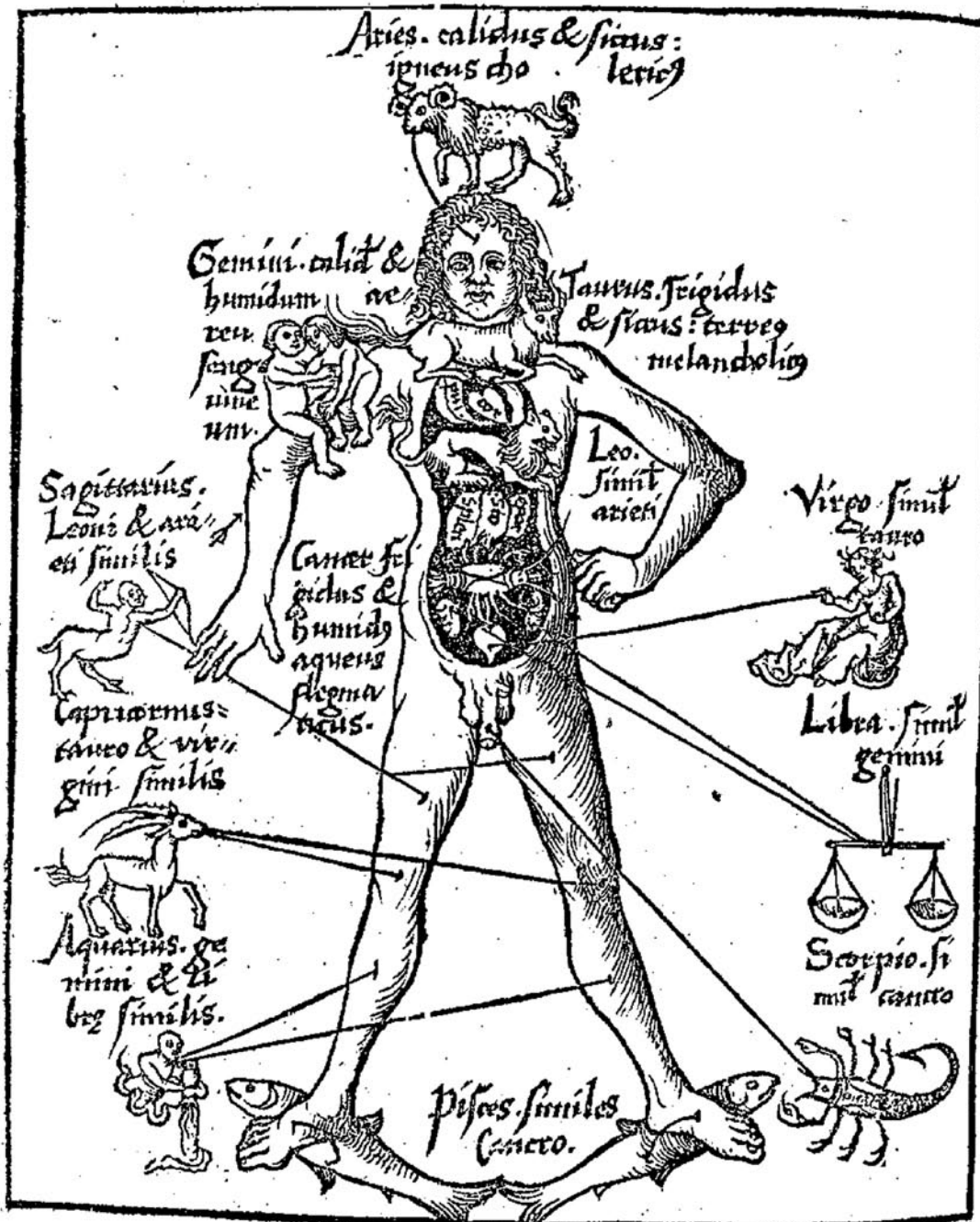
Bestia Mortale, Figure2
www.widdershins.org/vol3iss7/i9805.htm



Keplers system of spheres

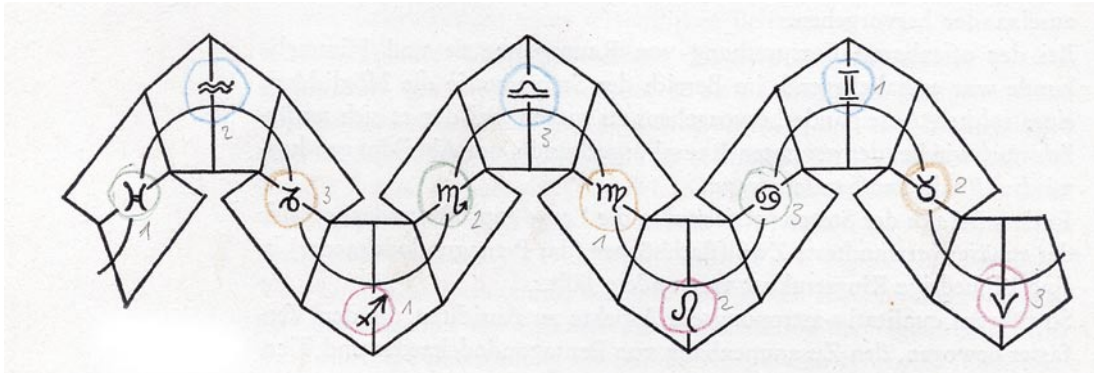
The Zodiac

LIBRI.VII. TRACTATUS III.

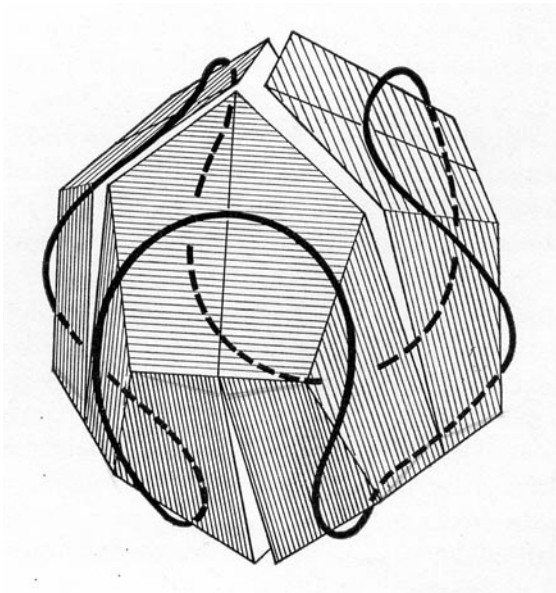


The ordering of the Zodiac Signs in relation to the various regions of the human being.
Reisch, représentation de la relation entre les éléments, les constellations et les parties du corps, 16.cent.

The dodecahedron: Paul Schatz



The sample wave forms uncoiling or enfolding of the cube which was suggested through the dodecahedron.



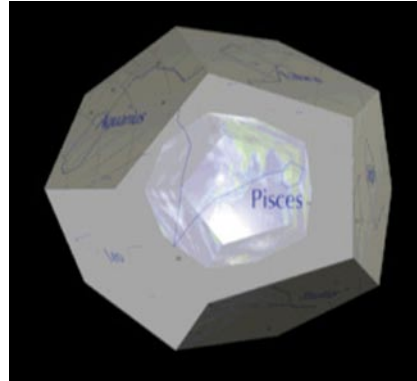
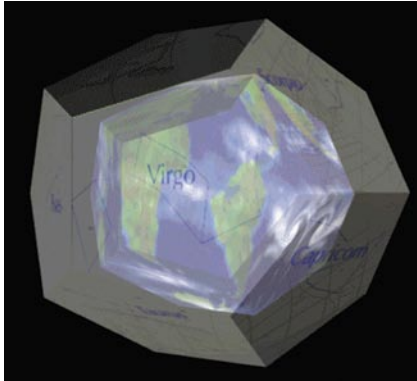
This was the result of an attempt to discover a cyclic twelve foldness in relations to the dodecahedron.

The result shown three-dimensionally can be seen in the left-hand drawing.


It was found that the twelve signs of the zodiac do not find order in the twelve pentagons of the dodecahedron, if one wishes to realise cyclic twelve-foldness in that body.

Paul Schatz, "Rhythm Research and Technology",
Published by Verlag Freies Geistesleben 1975, p.38

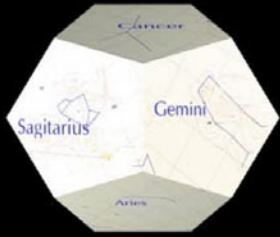
The Zodiac Dodecahedron in the New Age Movement



Crystal Platonics and Zodiac Dodec



Embedding or Nest-ability
Is the essence of beauty
Because it is the essence
Of sustainability for waves.



Dan Winter, www.soulinvitation.com

The Signs of the Zodiac in the Course of the Year

TAURUS
21stApril - 21stMay

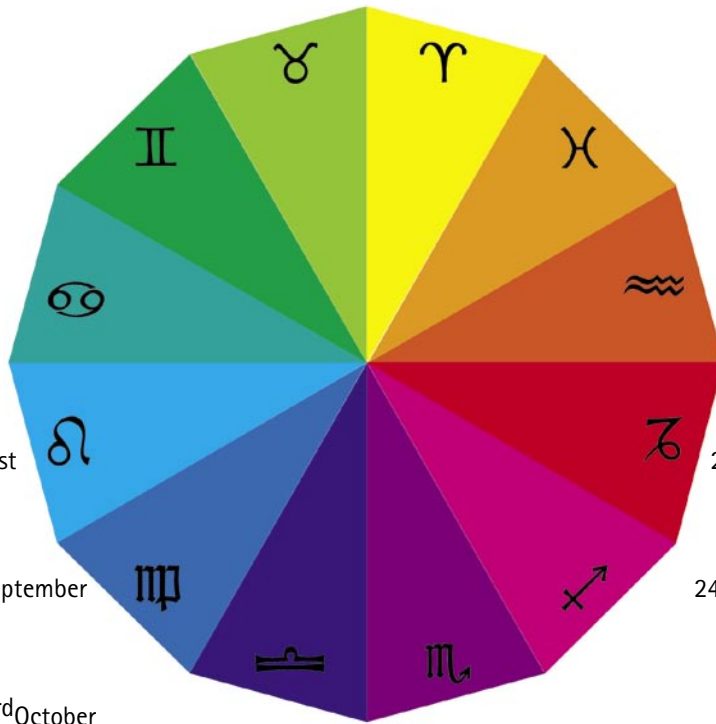
GEMINI
22ndMay - 2ndJune

CANCER
22ndJune - 23rdJuly

LEO
24thJuly - 23rdAugust

VIRGO
24thAugust - 23rdSeptember

LIBRA
24thSeptember - 23rdOctober



ARIES
21stMarch - 20thApril

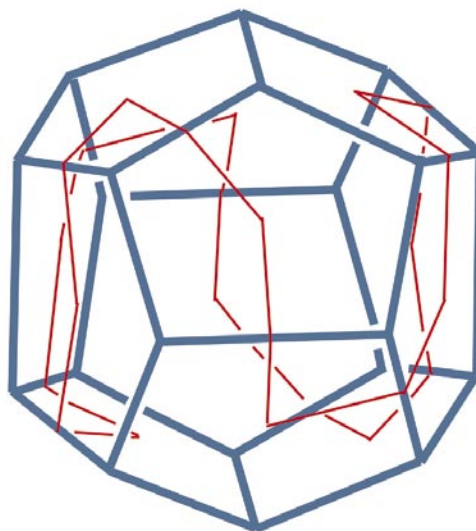
PISCES
20thFebruary - 20thMarch

AQUARIUS
20thJanuary - 19thFebruary

CAPRICORN
21stDecember - 19thJanuary

SAGITARIUS
24thNovember - 20thDecember

SCORPIO
24thOctober - 23rdNovember



Two Polarities, four Elements

Yang Yin

Fire + Air Water + Earth



Fire



Air Water



Earth

ARIES 21 st March - 20 th April	AQUARIUS 20 th January - 19 th February	PISCES 20 th February - 20 th March	TAURUS 21 st April - 21 st May
LEO 24 th July - 23 rd August	GEMINI 22 nd May - 2 nd June	CANCER 22 nd June - 23 rd July	VIRGO 24 th August - 23 rd September
SAGITARIUS 24 th November - 20 th December	LIBRA 24 th September - 23 rd October	SCORPIO 24 th October - 23 rd November	CAPRICORN 21 st December - 19 th January

Kepler reckoned on five elements and the fifth element, the ether, he allocated to the pentagondodecahedron.
Thus the Neopythagoreans thought.

Fire



Earth



Air



Water



Ether



The three Crosses

The Cardinal or
Physical Cross



ARIES
21stMarch - 20thApril

CANCER
22ndJune - 23rdJuly

LIBRA
24thSeptember - 23rdOctober

CAPRICORN
21stDecember - 19thJanuary

The firm
or Astral Cross



AQUARIUS
20thJanuary - 19thFebruary

TAURUS
21stApril - 21stMay

LEO
24thJuly - 23rdAugust

SCORPIO
24thOctober - 23rdNovember

The changeable or
Ethereal Cross



PISCES
20thFebruary - 20thMarch

GEMINI
22ndMay - 2ndJune

VIRGO
24thAugust - 23rdSeptember

SAGITARIUS
24thNovember - 20thDecember

The twelve Senses of the Human Being according to Rudolf Steiner

The senses of knowledge:

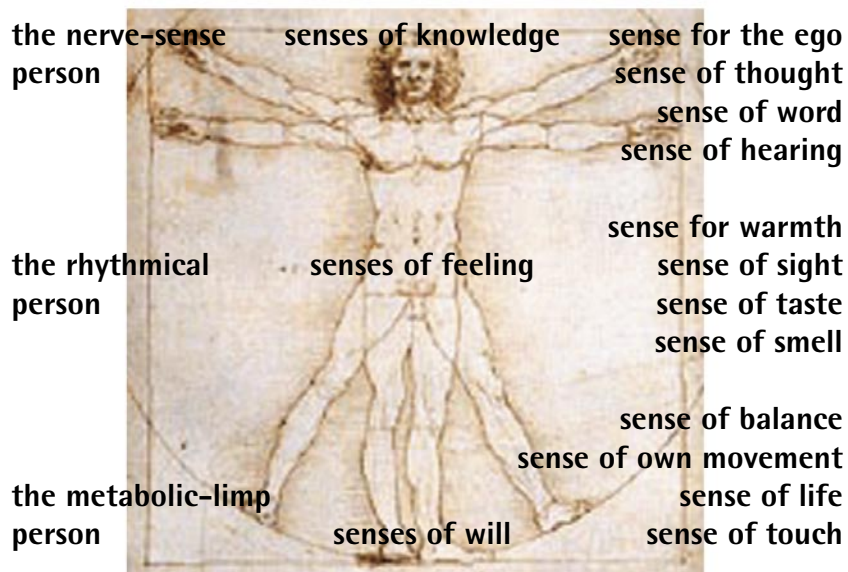
Sense for the ego
Sense of thought
Sense of word
Sense of hearing

Senses of feeling:


















Sense for warmth
Sense of sight
Sense of taste
Sense of smell

Senses of the will:

Sense of balance
Sense of own movement
Sense of life
Sense of touch



The twelve Senses and the Signs of the Zodiac

		The senses of knowledge:
		Sense for the ego
		Sense of thought
		Sense of word
		Sense of hearing
		Senses of feeling:
		Sense for warmth
		Sense of sight
		Sense of taste
		Sense of smell
		Senses of the will:
		Sense of balance
		Sense of own movement
		Sense of life
		Sense of touch

The sensory Lemniscate

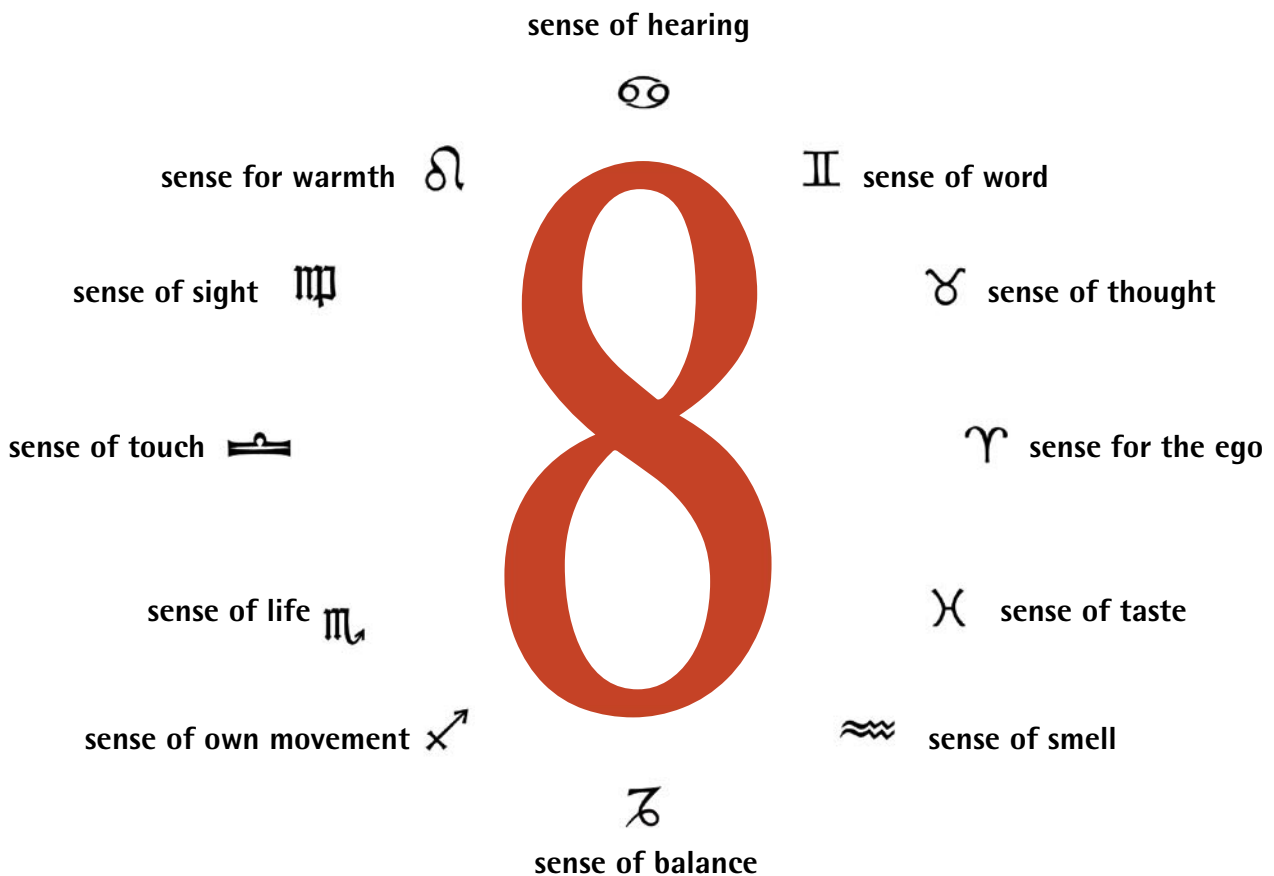
If the senses are ordered according to the qualities of the individual signs of the zodiac, then the order of the sense organs does not follow a circle, but a lemniscate. The four lower sense organs stand in pairs opposite to the four upper senses, the four soul senses stand in pairs opposite.

The group of the upper senses can be regarded as the result of being turned inside out or flying or a metamorphosis of the lower senses. And just the turning inside out and metamorphosis are essential sign-characteristics which come from the knowledge of the human being proceeding from the study of Anthroposophy and from the art forms.

All impulses that lead to the developing and strengthening of the lower senses (the will senses) are immediately, directly experienced by the small child or infant. If they are kept back or delayed, the forces are set free. These works at the forming of the higher sense organs (organs of cognition).

In the same way as the sense of thought is the transformed sense of life and the sense of word or language is the transformed sense of own movement, so the transformation of the sense of touch results in the sense of ego and the reversal of the sense of balance to the sense of hearing.

Peter Piechotta, "Theory and practice of modern Quality development"
Published by Johannes M. Mayer, Stuttgart.



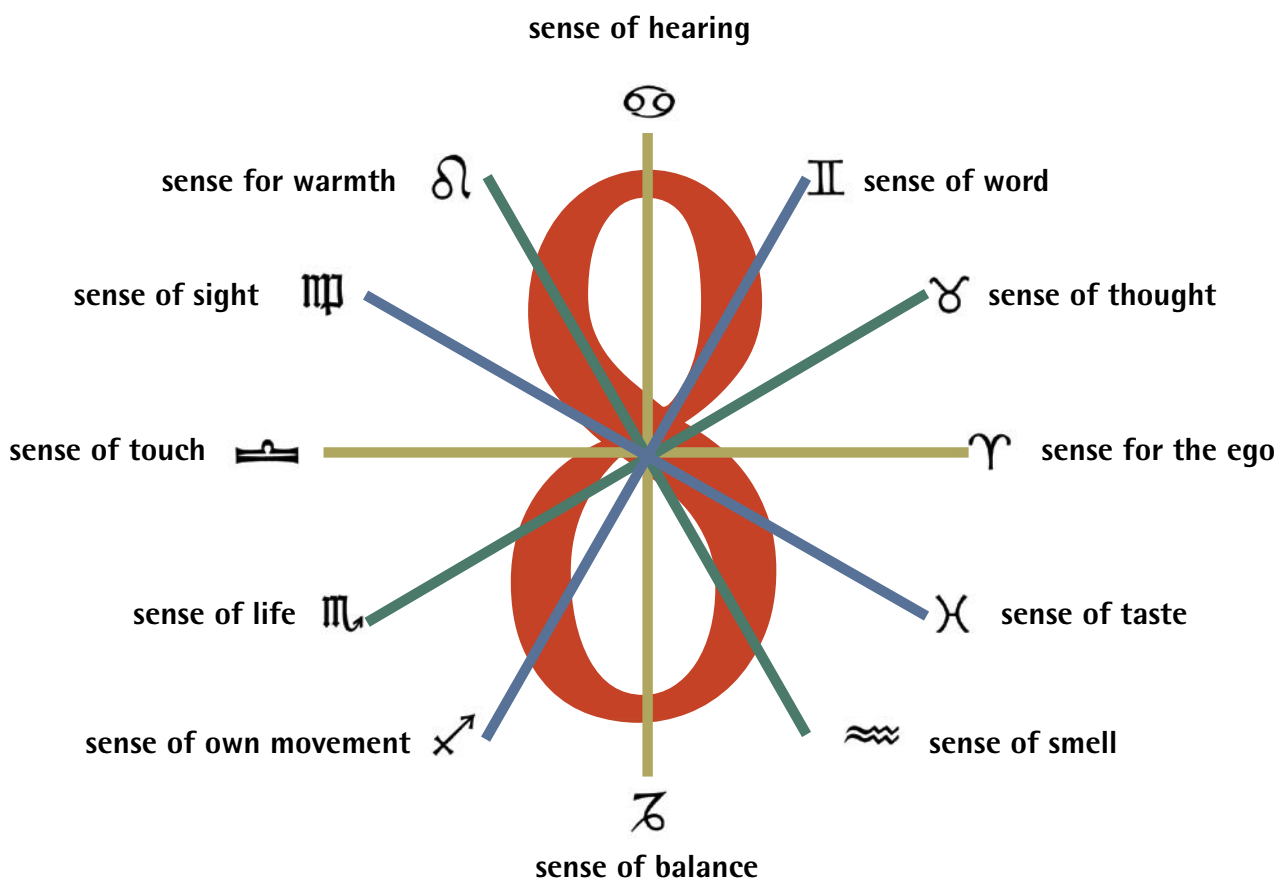
Lemniscate and Spatial Cross

Here, very briefly an indication of how Rudolf Steiner showed imaginatively viewed, how the spatial planes in relation to the human being in conformation to the whole cosmos extends as the three planes relate to the zodiac. The plane of thinking (the left-right plane) runs from taurus to scorpio, the plane of feeling (the above-below plane) runs from leo to aquarius, the plane of will (before-behind) which so to speak, goes right to the board.

As these forces are active forces, also related to the human organisation, here a question arises about the origin of the position of the organs within the human being. (e.g. the stomach to the left, the liver to the right, heart and thyroid in the middle).

From: Arfst Wagner: "Space as result of the working of forces", Published by Lohengrin-Verlag

Rudolf Steiner: Correspondences between Microcosm and Macrocosm – The human Being (Man) – a hieroglyph of the World-all. GA 201. Dornach 1958. Lecture held 11.04.1920. P. 44 following.



The spatial Planes

In physical space we can develop the three dimensions of our own bodily experiences:

Above-below, right-left and before-behind.

Of the etheric space Rudolf Steiner says:

"This other space has its secret in that one does not proceed from a point and in a way can relate everything to this point but that one must proceed from the opposite of a point.

Now what is the opposite of this point?

The opposite of this point is nothing else than endlessly, far expanded sphere, to which one would look upwards not unlike to the blue firmament, if it were there. ...

Now one has there not only a space that can be exhausted by the three dimensions, if in this way you wish to enter into an idea of space, but you get a space which let us say I am only able to indicate pictorially." (5)

Rudolf Steiner continues, that in such imaginative observations grasps what in the whole cosmos, in a very complex way is connected with, what is called, the body of formative forces of the human being. This space in which the body of formative forces of the human being lives, would need to be indicated to that I would draw configurations as if the forces from all sides of the world-all would approach the earth and from outside work plastic-formatively in those areas which are on the earth's surface."

Instead of the physical human the cosmos would open in pictureform and you come to a view.

You are looking at what is a second body of the human being, which an older clairvoyante has called etheric body."(6)

In the lectures mentioned Rudolf Steiner speaks of surface-plastically working of the etheric from the infinite spheres of the heavens. To this Marti says:

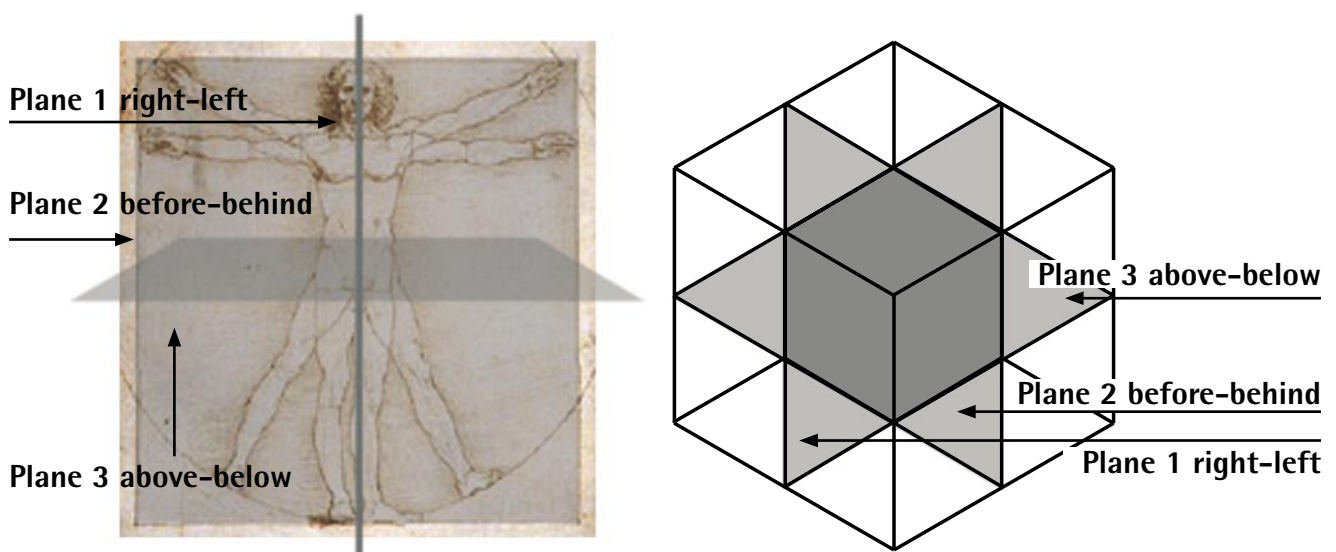
„Here with plane or surface is meant the mathematical ideal formation of the plane-like etheric."

Let us keep firmly in mind: When we speak of the "dimensions of space" we mean the bodily position of the human being in physical space in the sense of saying Above-Below, Right-Left, Before-Behind.

As we regard the person who is the foundation of this spatial human being, the weave of forces is becoming a complex, consisting of planar forces and surfaces.

Let us approach these forces of artistic-meditative beginning to find a relationship.

From: Arfst Wagner: "Space as result of the working of forces", Published by Lohengrin-Verlag



The three (Planes)-Crosses in Space

Fig.1

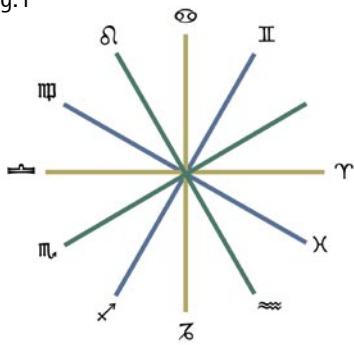


Fig.1:
The tree crosses:
■ the physical cross
■ the astral cross
■ the etheric cross

Fig.2:
The tree crosses
in the spatial planes:
■ above-below-before-behind,
■ before-behind-right-left,
■ right-left-above-below.

Fig.2

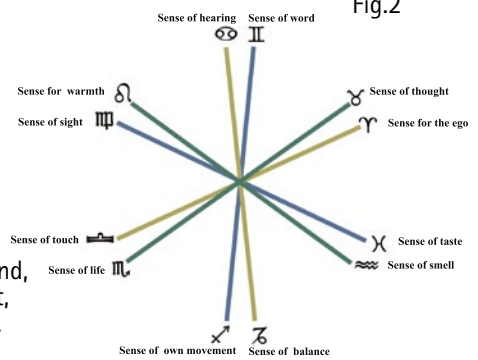


Fig.3

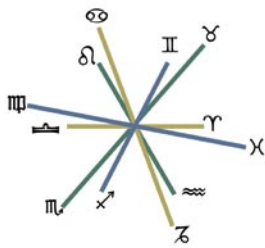


Fig.3:
The three crosses of space
in isometric presentation.

Fig.4:
The three crosses in the cube.

Fig.5:
The spacial crosses touched by the
individual half surfaces of the cube.

Fig.4

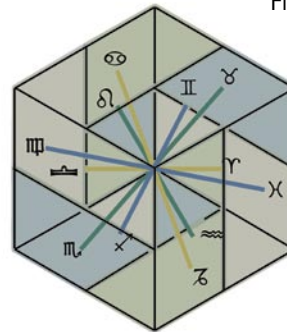
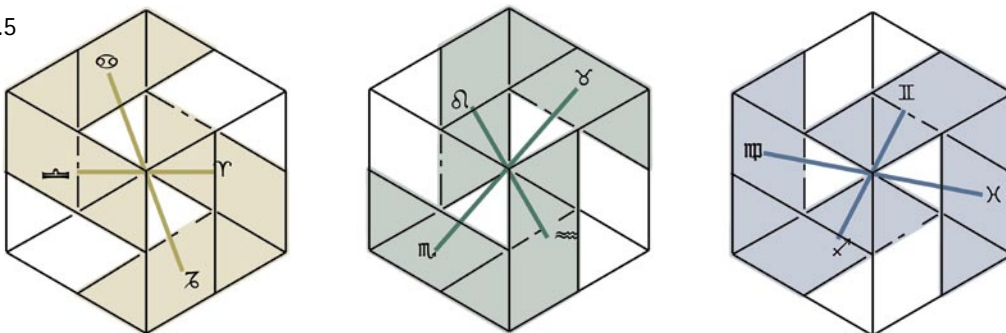


Fig.5



Flying to a pentagon dodecahedron

The Object

The open cube with the inner star...



...to a pentagondodecahedron turned inside-out.

