



Prof. Dr. Friedrich H. Balck

Mind and Matter

International Spring Congress 2016, Spital am Pyhrn,
Austrian Association for Radiesthetics und Geobiology

1. Biological sensors and extended perceptive capability
2. Structures of matter
3. Structures of humans and water
4. Mental paths
5. Subtle structures and excitation
6. Conclusions and hypotheses

Respective sources available under www.biosensor-physik.de/biosensor/xxx.htm for instance, publications available under biosensor/b-literatur.htm



A deep rift apparently exists between the conscious mind and matter.

However, the results of more recent research indicate that scientists of earlier times were right.

A kind of a bridge evidently exists between these two sectors, that is, between the conscious mind and matter.

1. Biological Sensors and expanded perceptive capabilities



Cockchafer (Melolontha)

Biological Sensors as physical detectors for perceiving invisible structures

Every fifth person possesses extended perceptive abilities. Invisible phenomena (radiation, waves, or zones), can be perceived by these sensitive persons. Nevertheless, research in this field is still dismissed as “esoteric”.

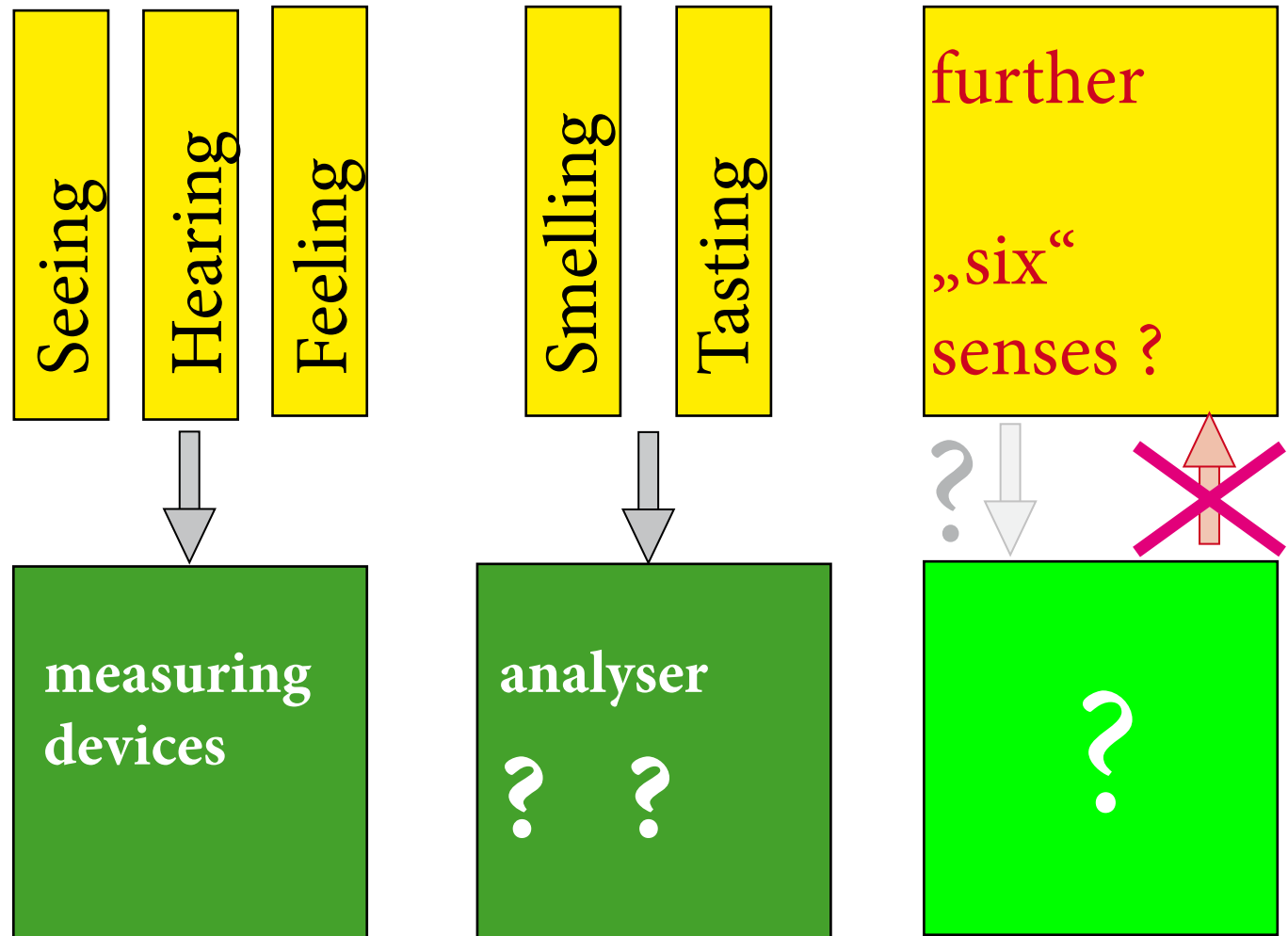
The invisible structures are associated with a kind of matter which is not visible with normal human eyes or cameras. More than a hundred years ago, this matter was designated as “**ether**”. Since that time, attempts have been made to demonstrate the existence of this “ether” by means of experiments in the visible range, but hitherto without success.

Nowadays, the terms “**subtle matter**” and “**dark matter**” are employed for designating this matter.

Other Senses

First:

Perception by way of the five human senses (perhaps also those of animals)



About 1600:

Improvement by means of measuring and analytical instruments

Reversal is not possible!

“Not measurable“ does not necessarily imply nonexistent!

For Example: A connoisseur cannot be replaced by a measuring instrument.

One's own nose (or other sensory organ) is still better than any analytical device.

Humans as biological sensors

Various senses are more or less activated or receptive.

- “Feeling”,
Perception with one’s own body (hands, head, stomach, etc.)
- “Seeing”,
Recognising and scanning structures with a “beam of sight”
(J. Purner) or perceiving the structures as an overall “picture”
- “Hearing”
Perception of nerve impulses at various timer frequencies
- Using a rod or tensor as indicator.
(Similar to the pointer or mirror of a galvanometer)



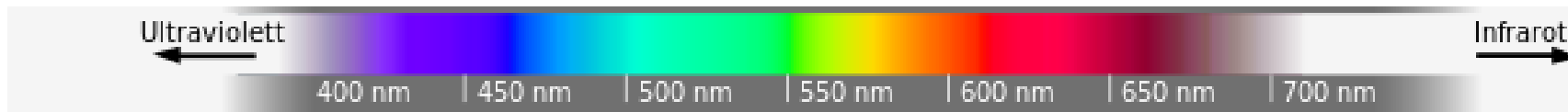
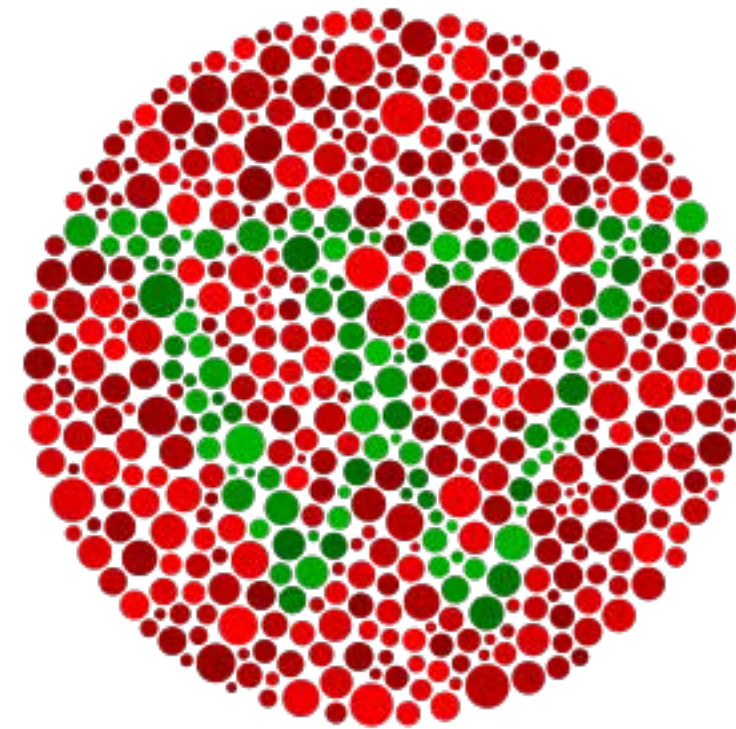
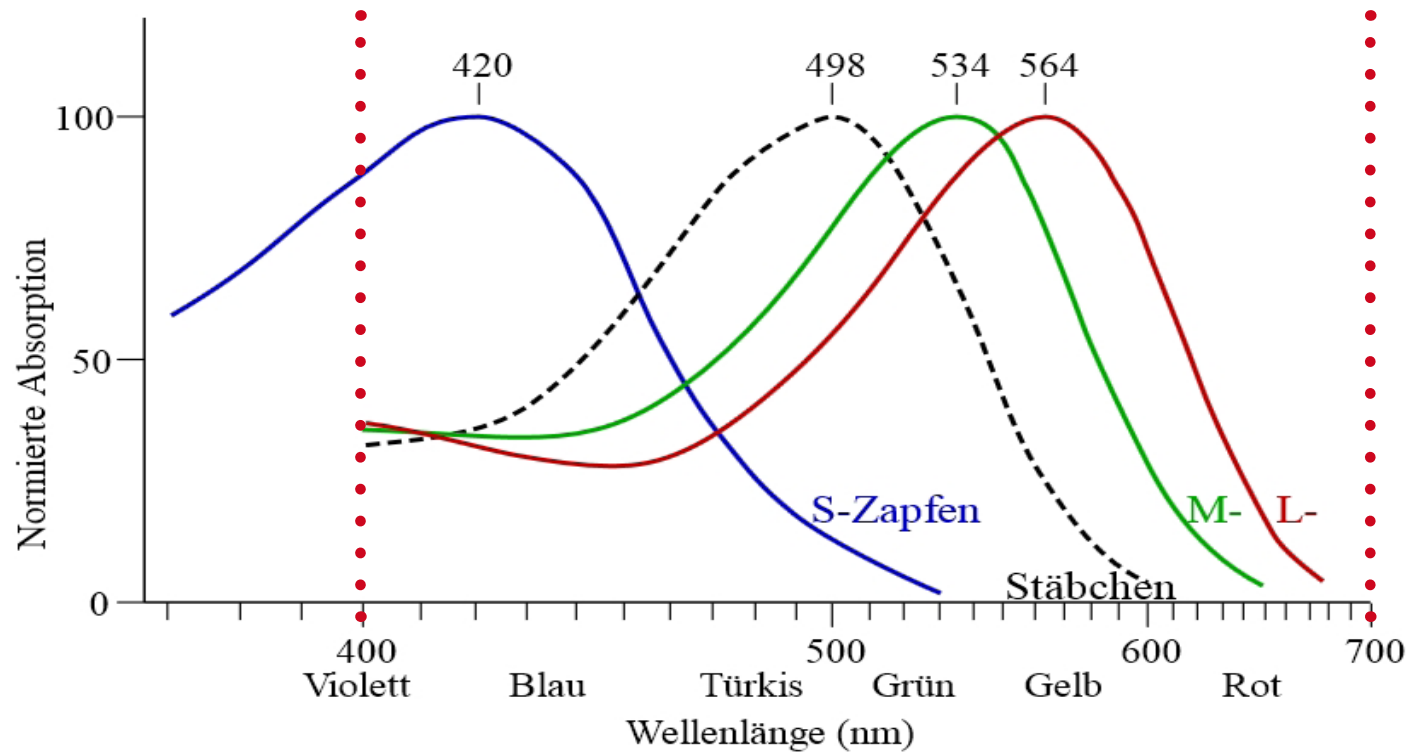
Galvanometer with rotating mirror (Siemens & Halske)

Example: Perception of structures in subtle matter associated with water flowing in a thin hose 1 mm in diameter (as artificial “aquifer”)



Seeing of colors

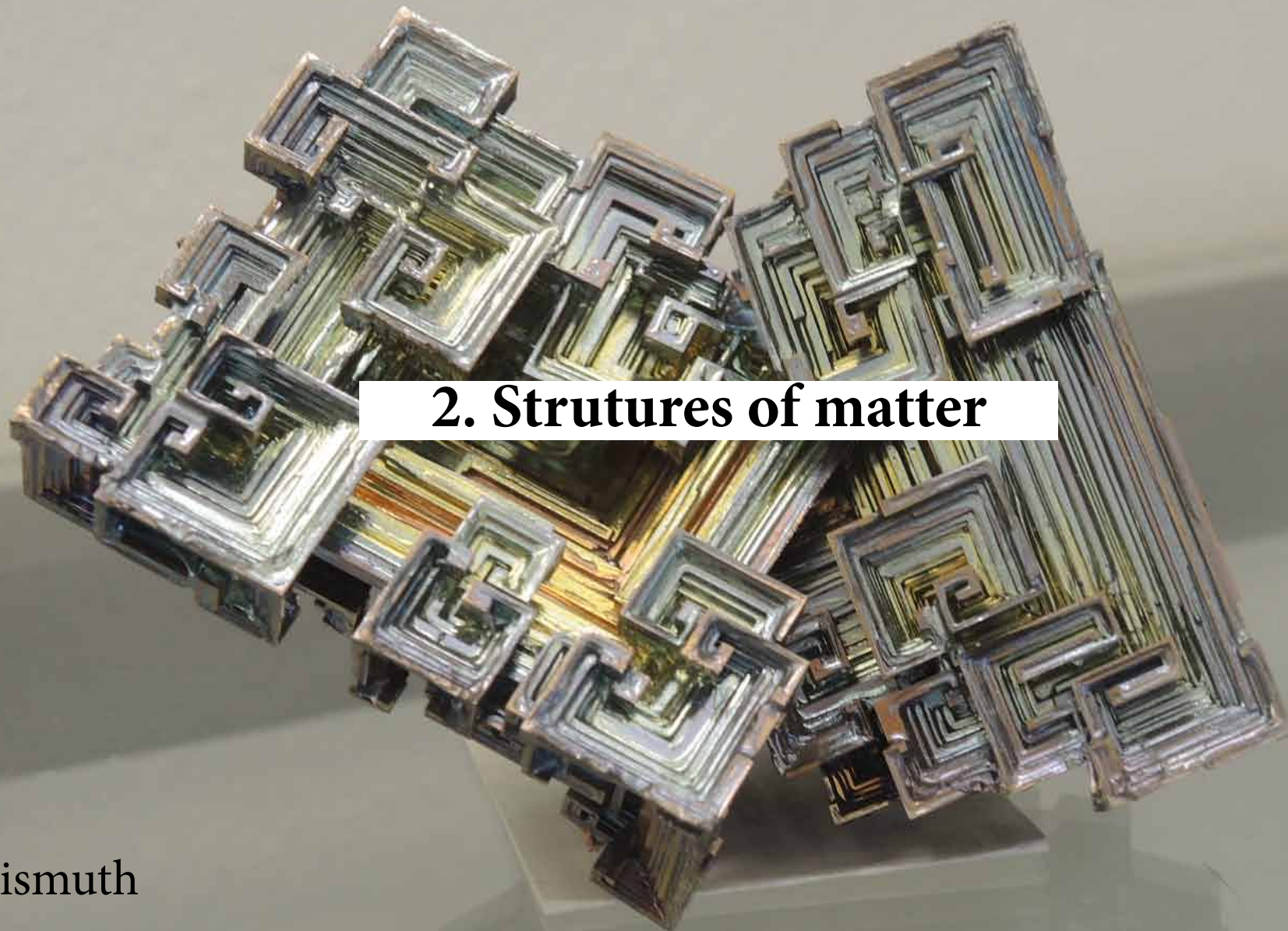
Visible light in the range of 400 - 700 nanometres



<http://de.wikipedia.org/wiki/Licht#/media/File:Fotorezeptoren-Absorptionsmaxima.svg>

http://de.wikipedia.org/wiki/Licht#/media/File:Electromagnetic_spectrum_c.svg

http://commons.wikimedia.org/wiki/Category:Color_blindness?uselang=de#/media/File:Ishihara-Test.svg



2. Structures of matter

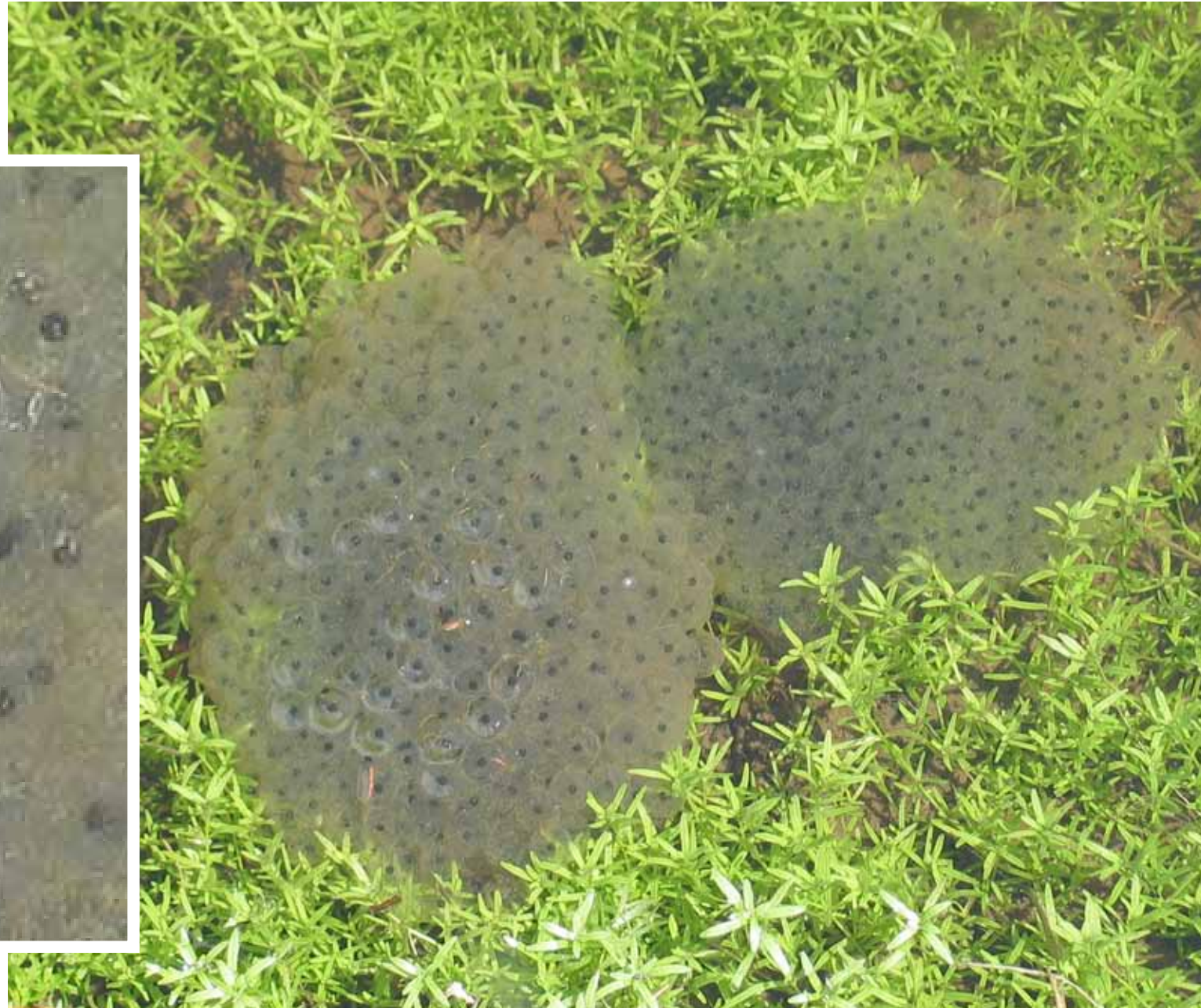
Bismuth

The infructescence of a dandelion

The hard fruit body is surrounded
by a soft structure.

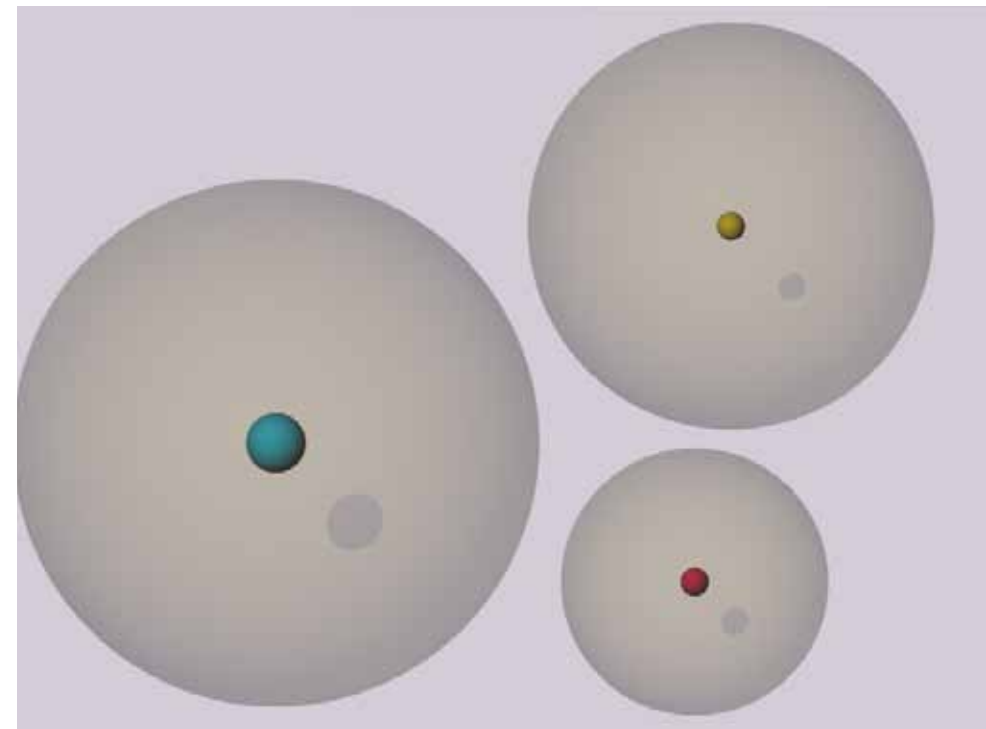
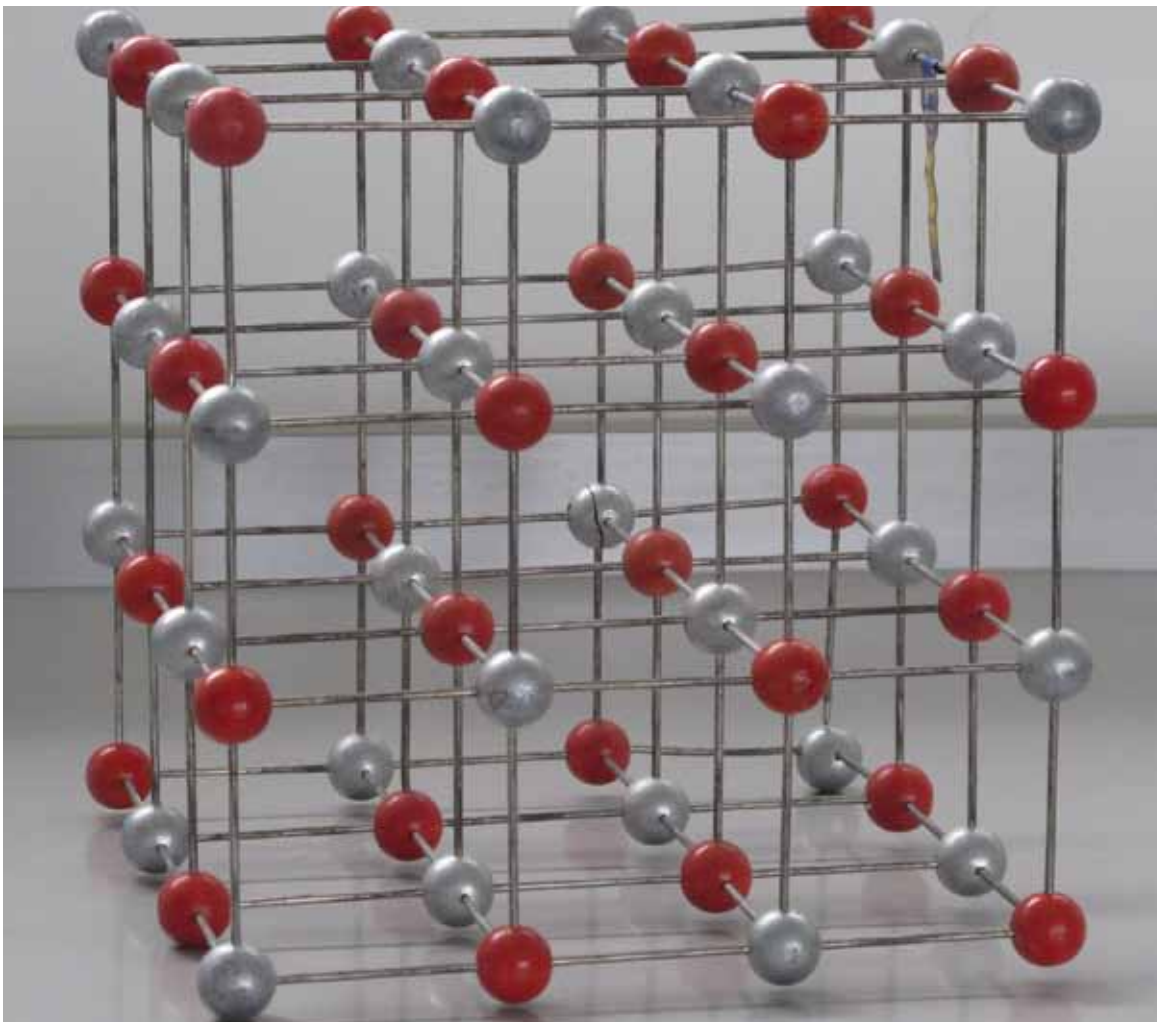


Frog spawn (eggs)



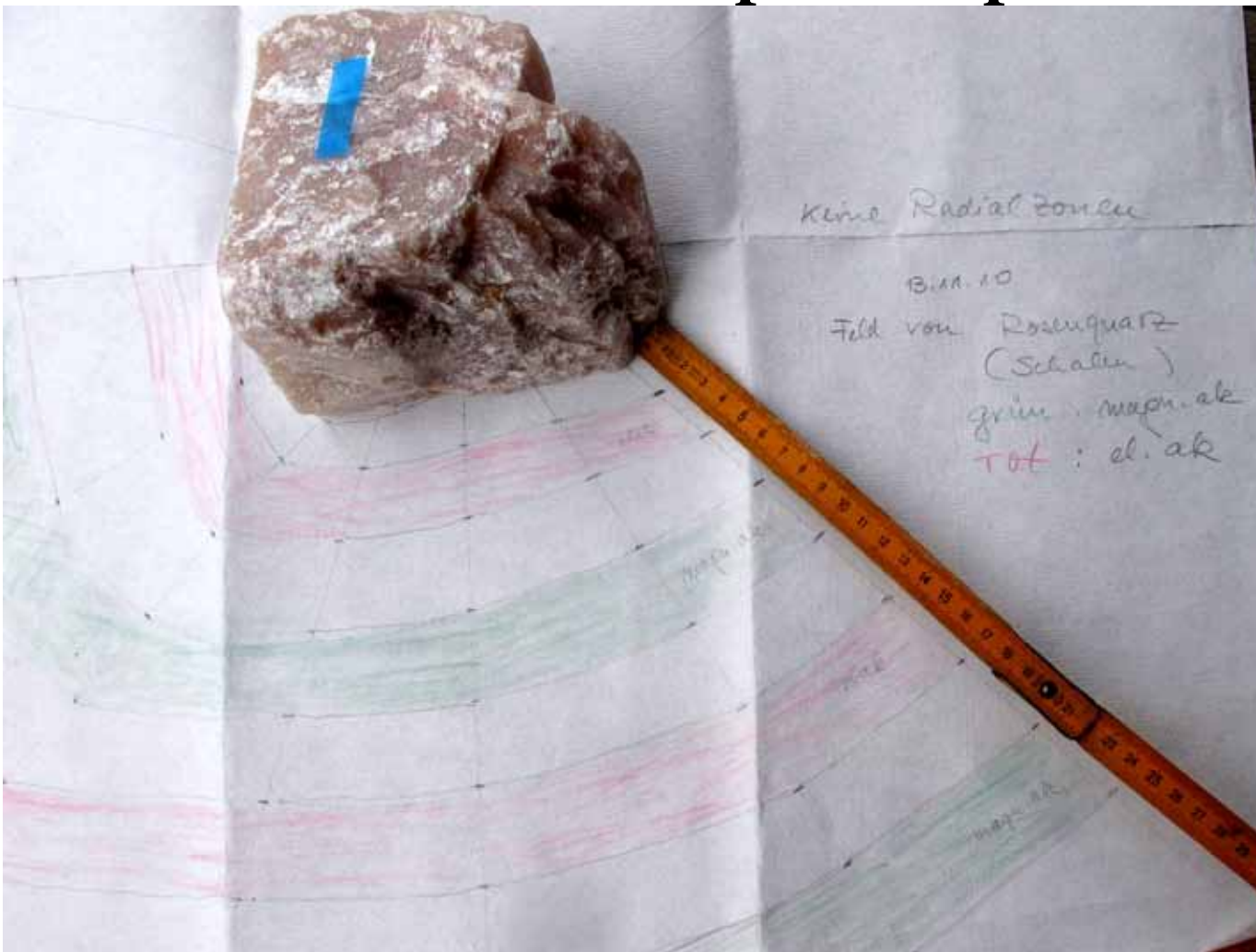
Our working hypotheses:

- The physical vacuum is not empty.
- Every body is surrounded by „subtle“ mass.



The space between all bodies is filled with subtle masses and conveys excitation and propagation of waves.

Zones around a soapstone specimen



Example for the illustration of zones:
A pond skater generates perceptible structures on the surface of the water.

Initial experiments: cross-sectional view of zones at the height of contact, determined by dowsing

biosensor/rosenquarz.htm

G. Engelsing

Zones around soapstone and rose quartz specimens

Soapstone and four zones, each with four structures in common



Rose quartz specimens with different mass (in grams)

biosensor/rosenquarz.htm

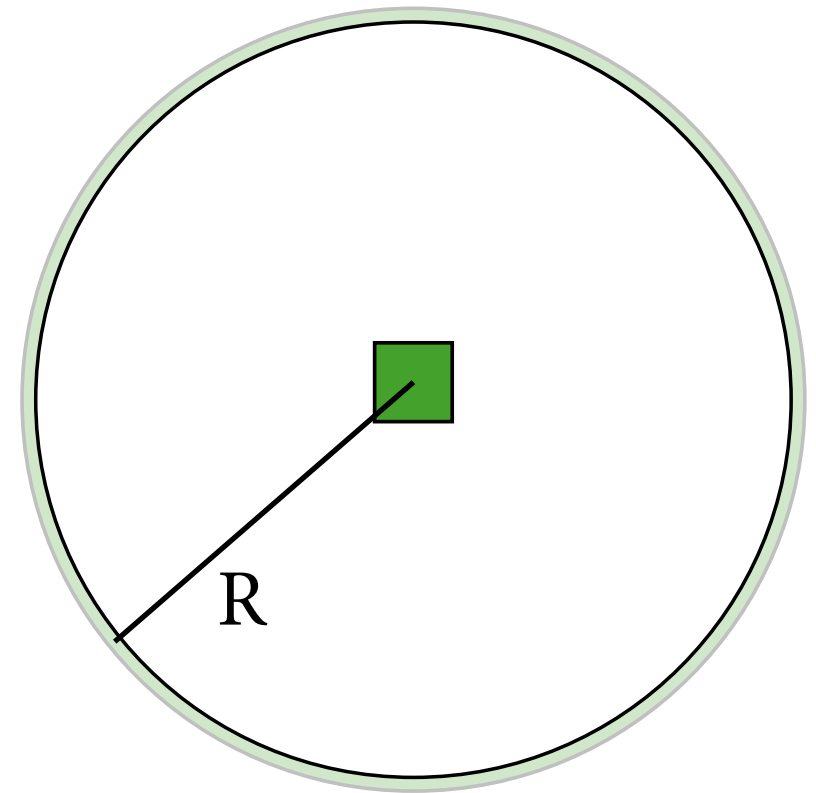
Zones around stones and beeswax specimens with different mass



biosensor/rosenquarz.htm

Working hypothesis:

- Every body has a spherical orbital.
- The shell of the body can be perceived by human sensors.
- It contains information about the material.



Cross section through the orbital

Real und “subtle” Matter

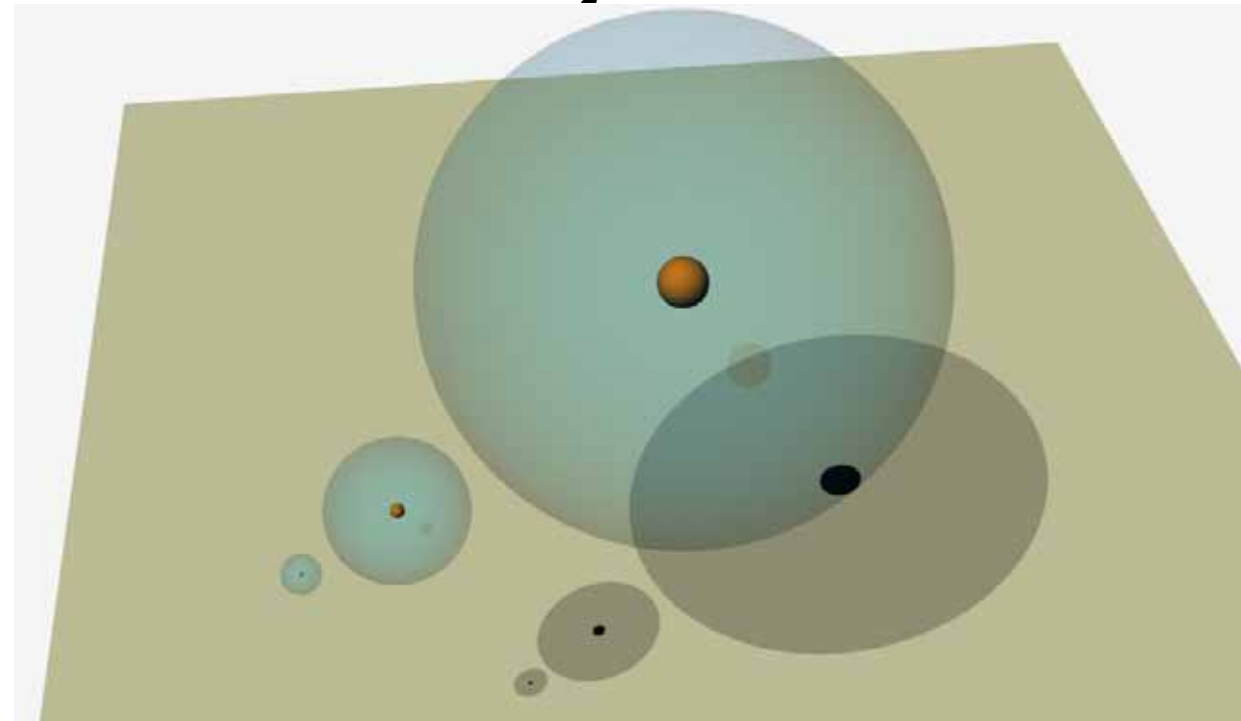
In the case of conventional **matter** of volume V , mass m , and density ρ the following apply:

$$V = \frac{1}{\rho} \cdot m$$

Observation of **subtle structures** shows:

The volume V of the orbital is proportional to the mass of the included body plus a constant c_2 :

$$V = c_1 \cdot m + c_2$$



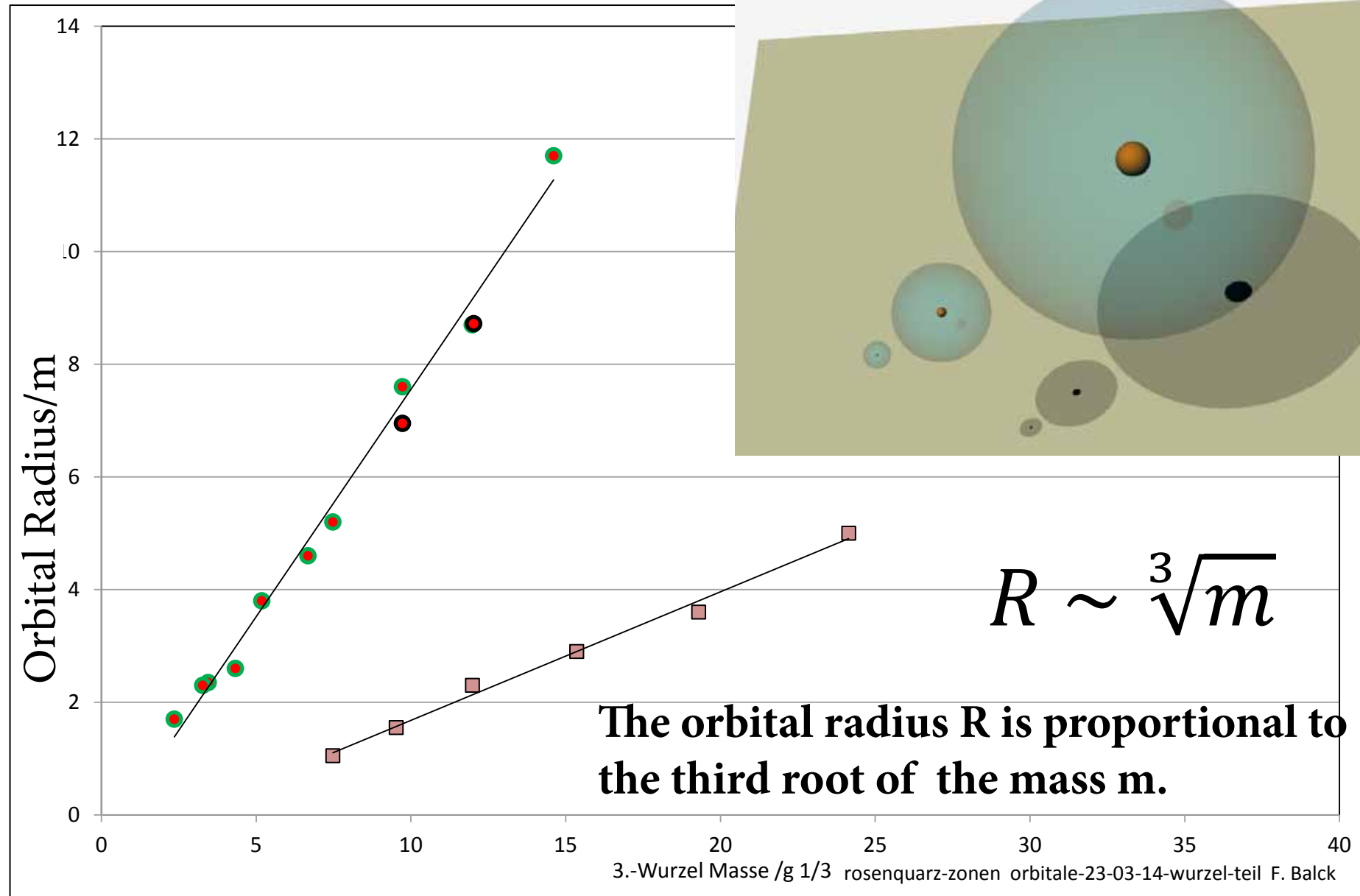
For a sphere the following applies:

$$V \sim R^3$$

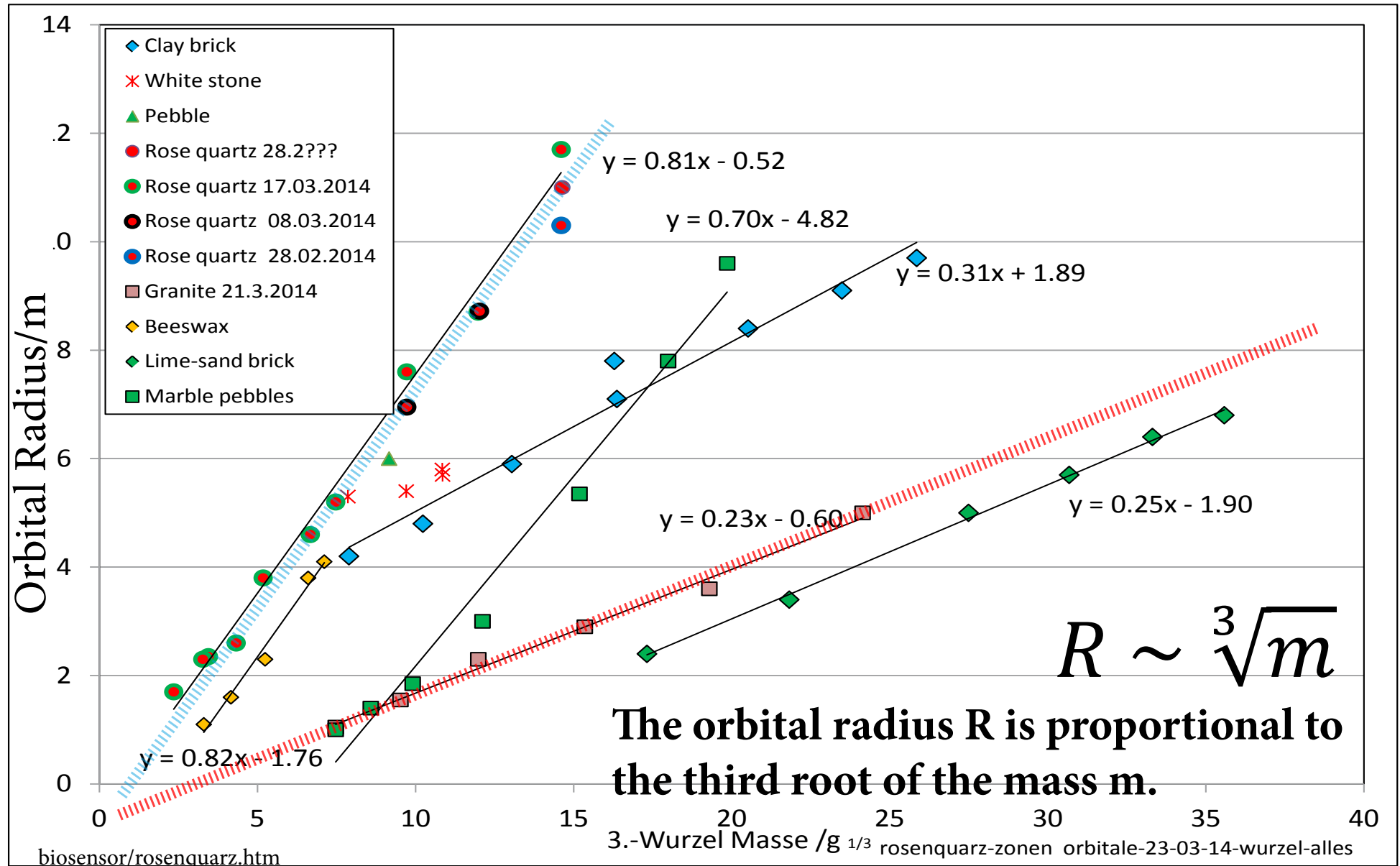
$$R^3 \sim c_1 \cdot m + c_2$$

$$R \sim \sqrt[3]{c_1 \cdot m + c_2}$$

Zones around stones



Zones around stones and beeswax

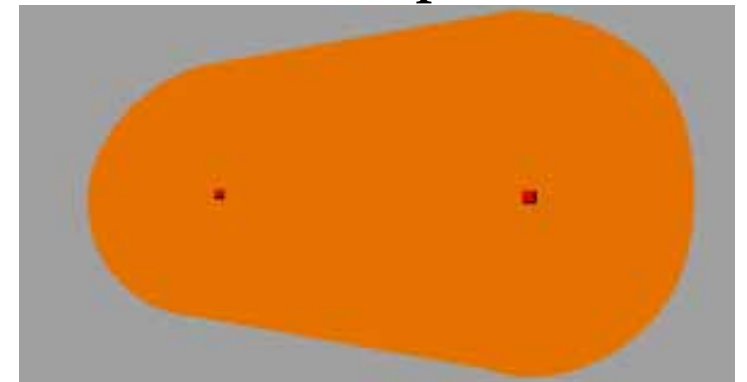


With two objects of identical material, the orbitals merge.



Left: The two stones (red and yellow marked) are separated by a long distance. Their orbitals do not touch.

Below: At this shorter distance their orbitals overlap.



Analogous with gravity?



Resonance with overlap of orbitals

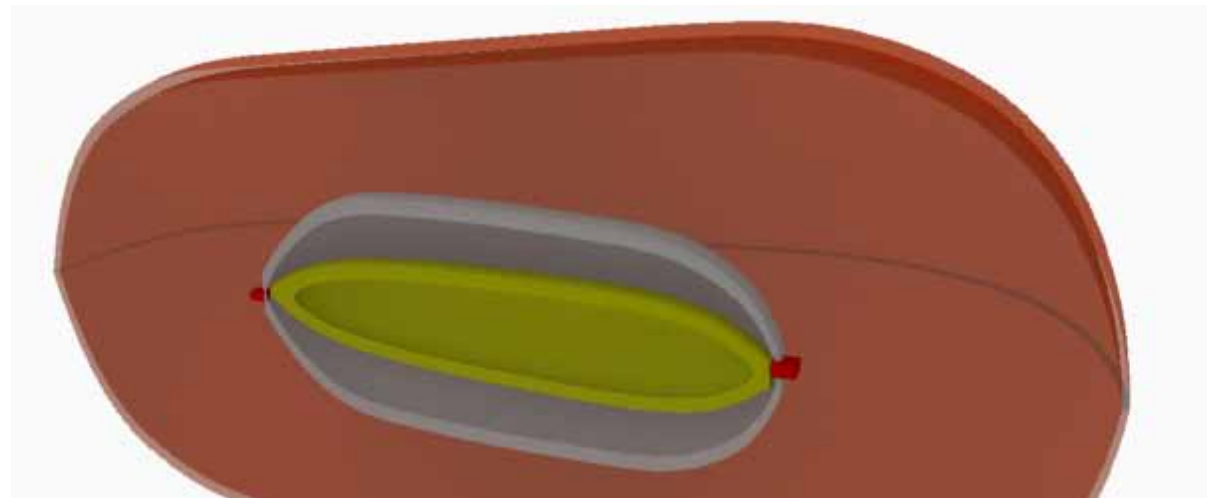


Cross section

biosensor/rosenquarz.htm#kapitel-03-03

Two limestone specimens are located at a short distance from one another.
The orbitals overlap.
A resonance structure is formed

The two stones have a **common orbital**:
An inner hose and an outer hoses are present and exhibit different qualities.



Resonance of stones or wood



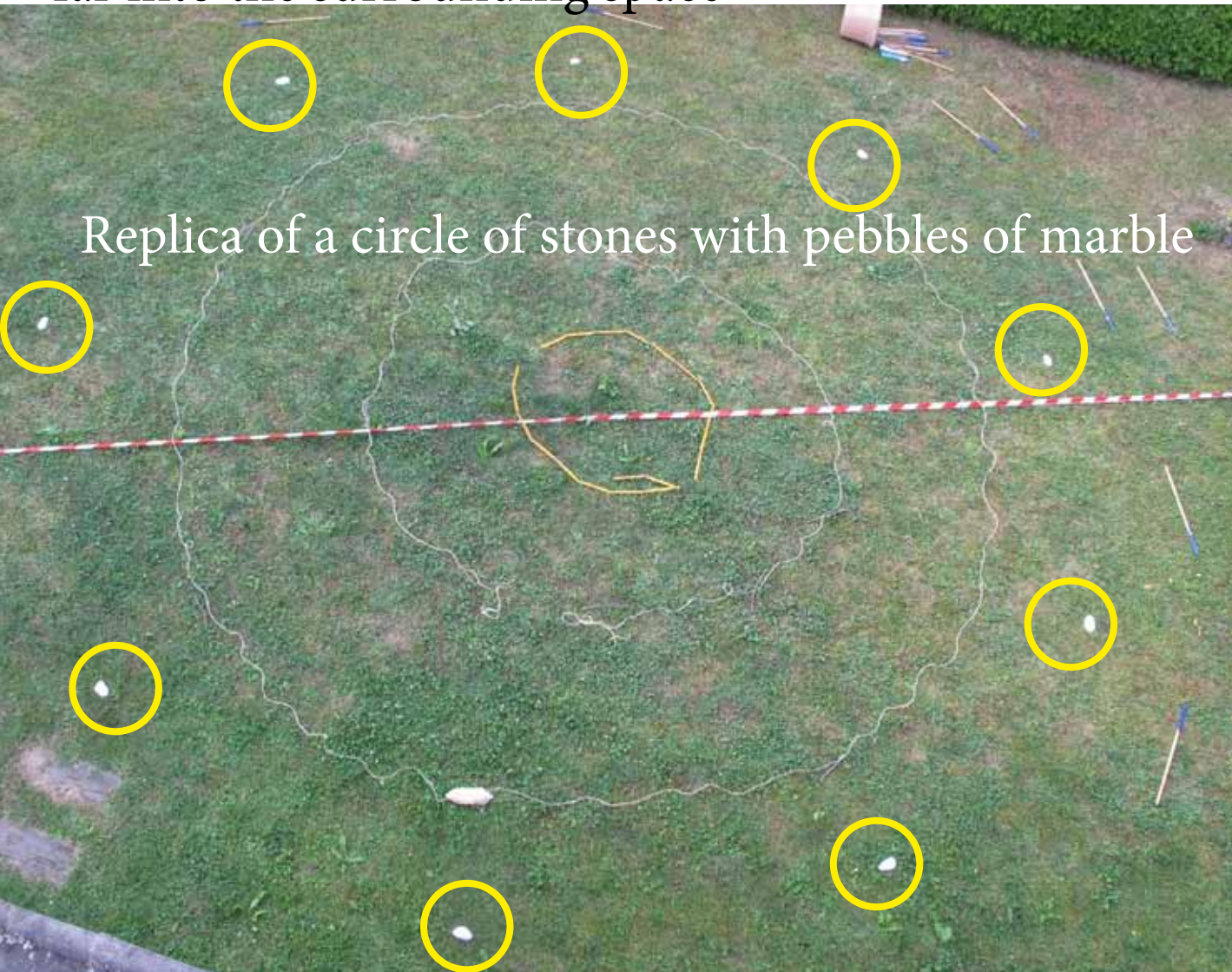
In the construction of circles with wood, the following must be considered:

- The direction of growth
- Reinforcement of the effect by notches on the inside
- Flashlight monocell or magnet for providing the “driving force” or determining the sense of rotation

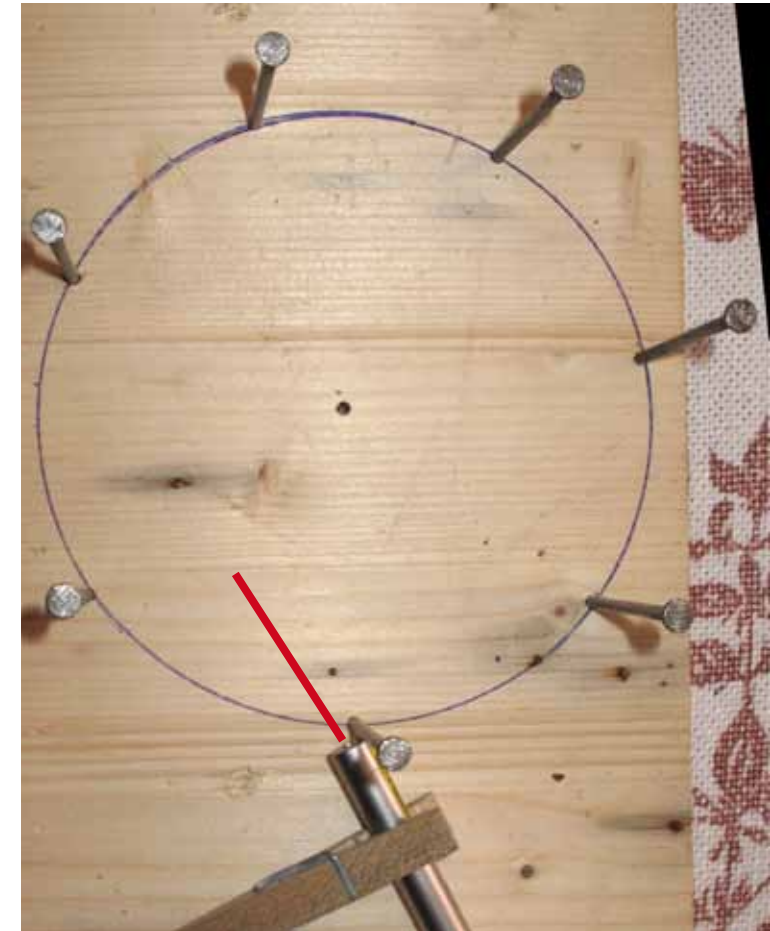


Resonance of similar objects

Formation of structures which extend far into the surrounding space



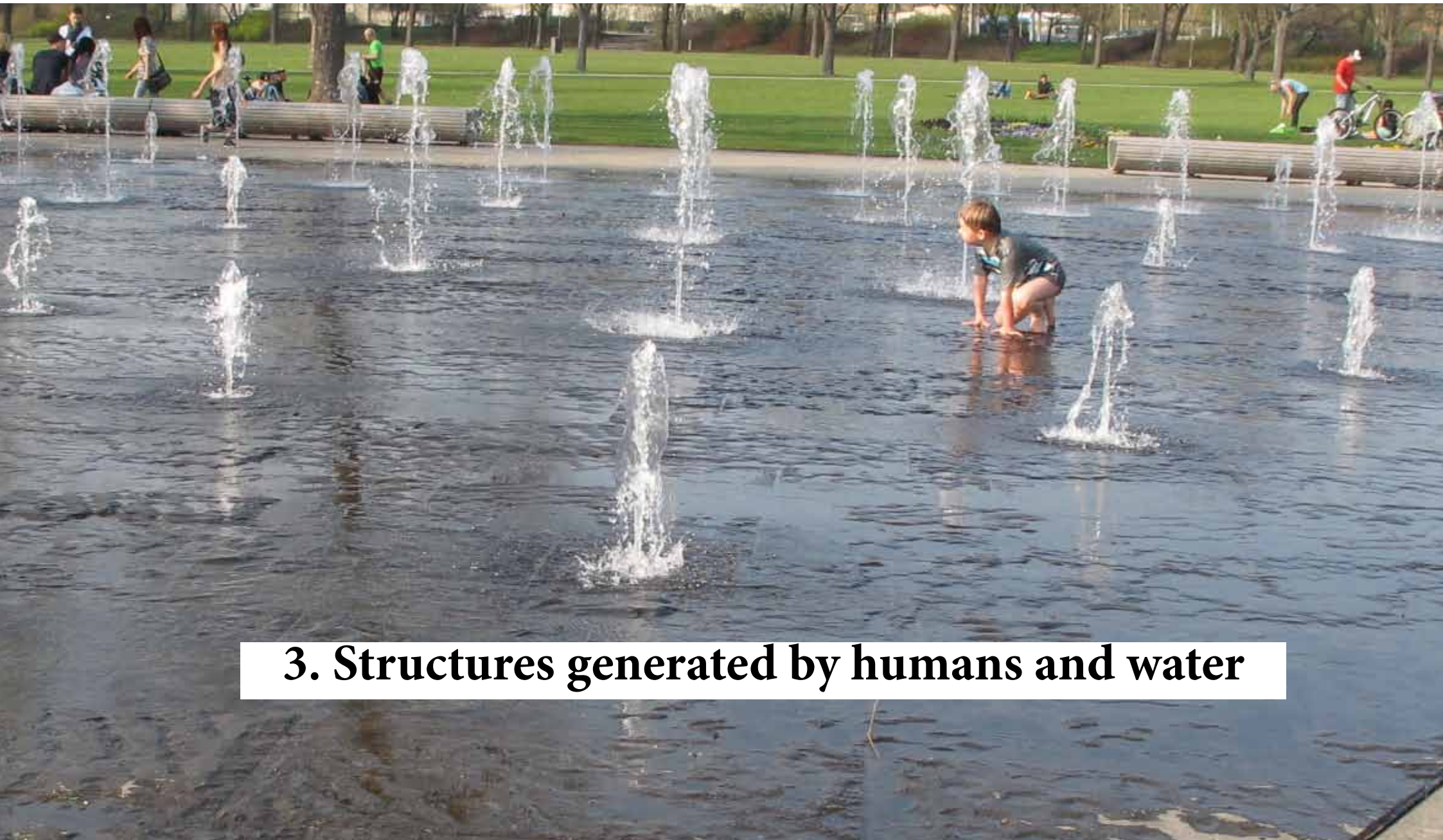
Wooden plank with nails,
Laser pointer for providing
the “driving force”



Resonance of similar objects

Bricks arranged in a row:
Formation of resonant structures
which extend very far into the
surrounding space.
“Information“ on liquids
can be superimposed.

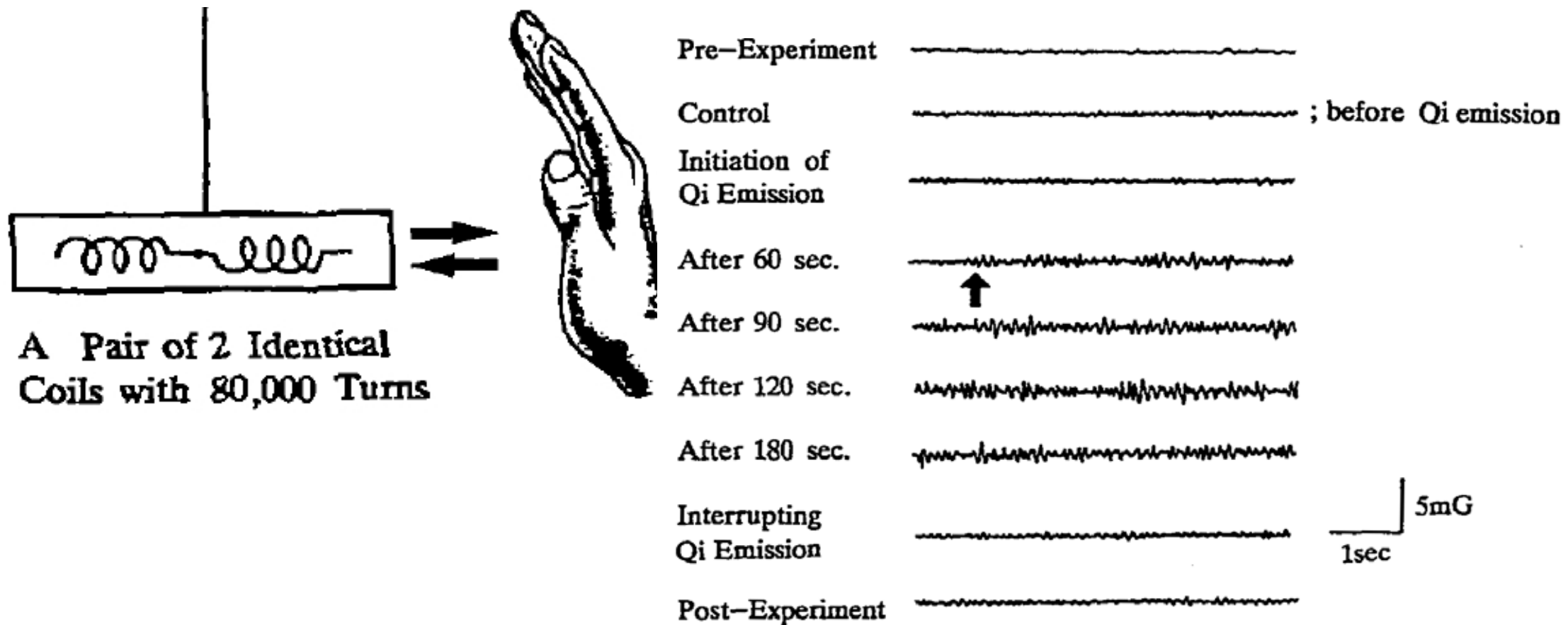




3. Structures generated by humans and water

- “Aura”: higher-order structures of subtle matter
- Effects from the hands:
Alternating magnetic fields with healers (during Qi-emission)
Influence on the properties of water, wine or foods
- Polarity, such as that of fingers or the sides of the human body
- “seeing” beam (forfold)

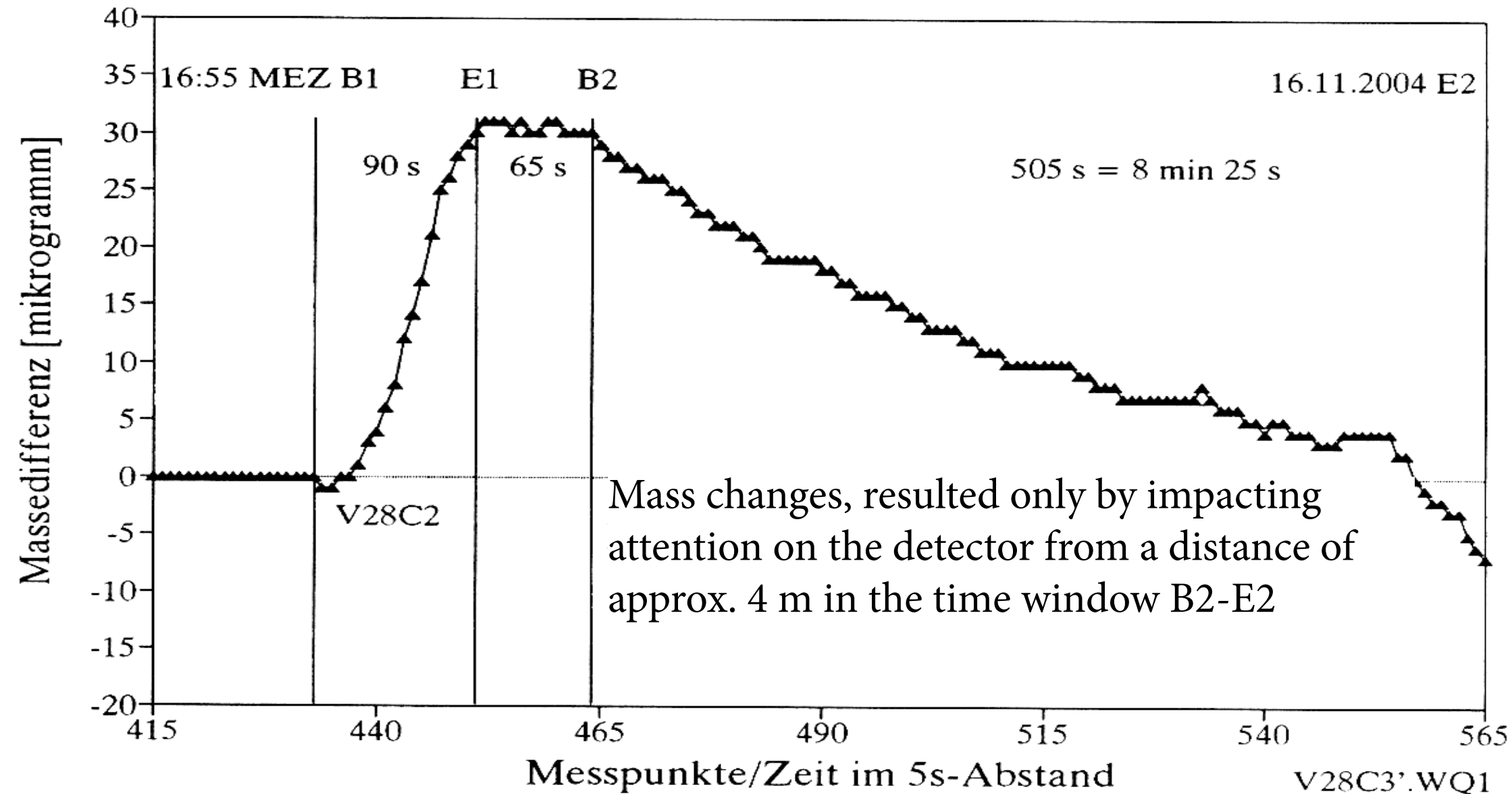
Low-frequency magnetic fields from the hand during Qi-emission



**Fig.11 : Positive result of mGauss order bio-magnetic field emission (III)
Subject; K.O., female in Tokyo, Japanese.**

A. Seto, C. Kusaka, S. Nakazato et al.
Detection of extraordinary large bio-magnetic field strength from
Human Hand during external Qi Emission
Acupunctcure & Electro-Therapeutics Res., Vol 17 (1992) S. 75-94

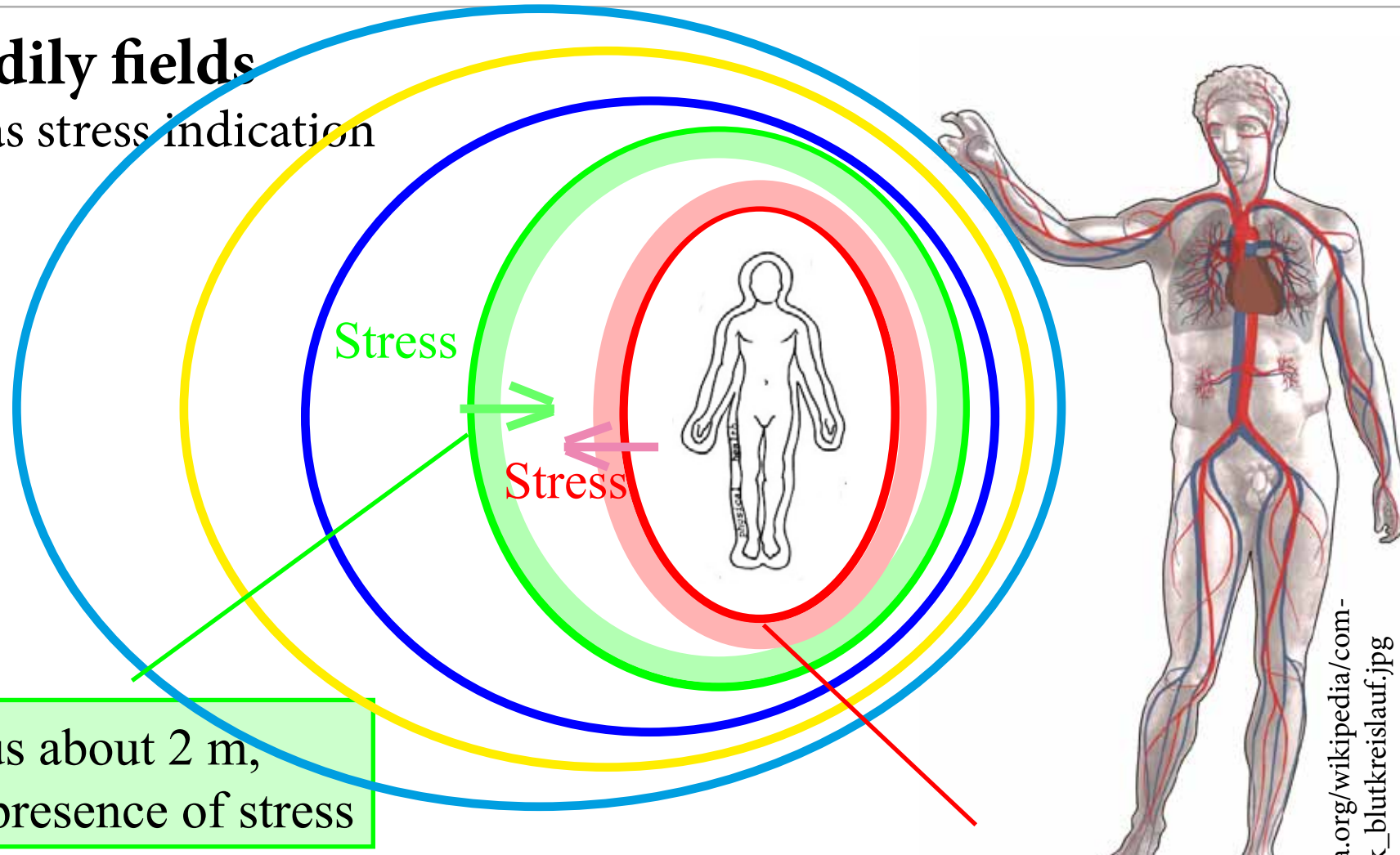
A healer affects matter



K. Volkamer, Feinstoffliche Erweiterung unseres Weltbildes, Weißensee-Verlag, Berlin, (2009) with kind permission

Perceptible bodily fields

Reaction distance as stress indication
(schematic)



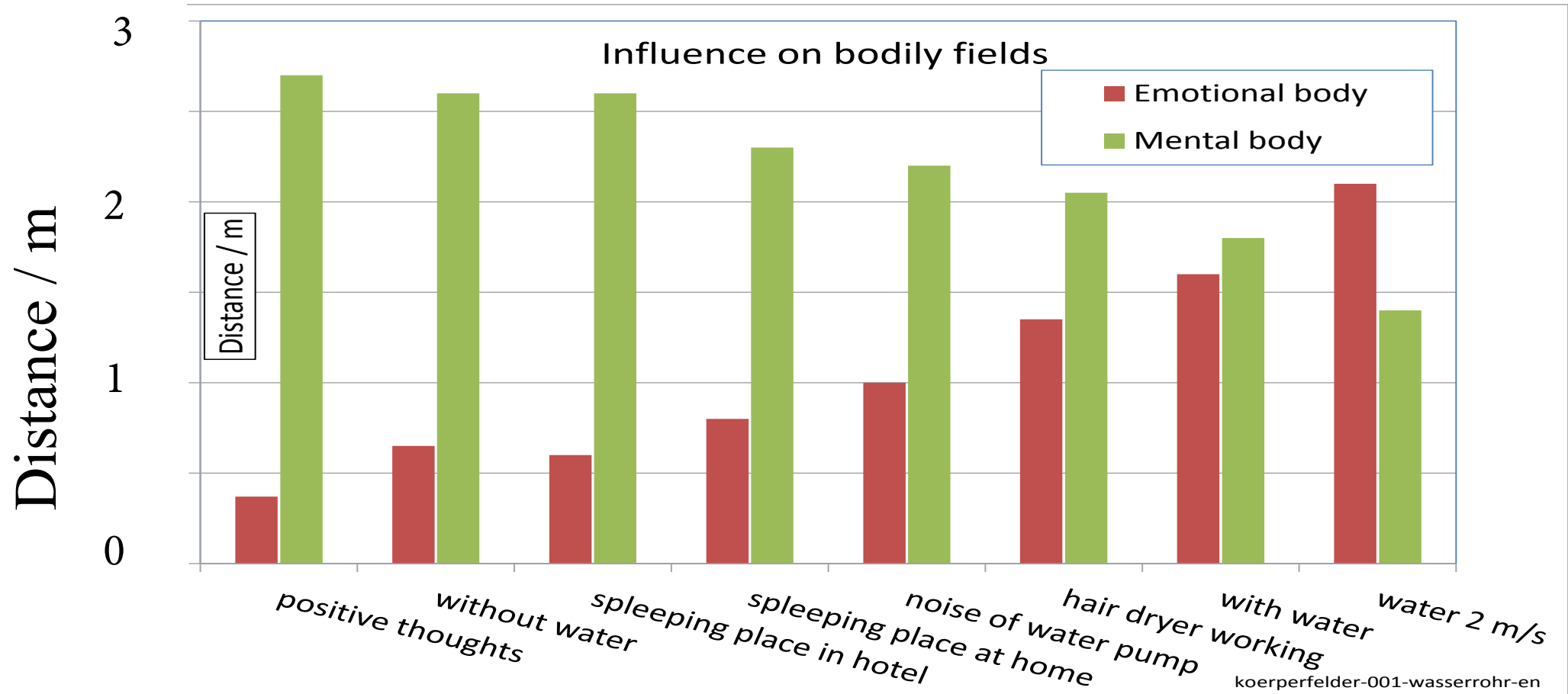
Mental body, radius about 2 m,
smaller in the presence of stress

Reaction distance
(alarm zone) =

Emotional body radius about 0,5 m,
the greater the distance, the higher
stress on the human body.

Perceptable bodily fields

Reaction distance as stress indication



Dimensions of **Emotional**- und **Mental** body

In the presence of stress, the red columns become larger, and the green columns become smaller.

biosensor/kuehlwasser-acht.htm

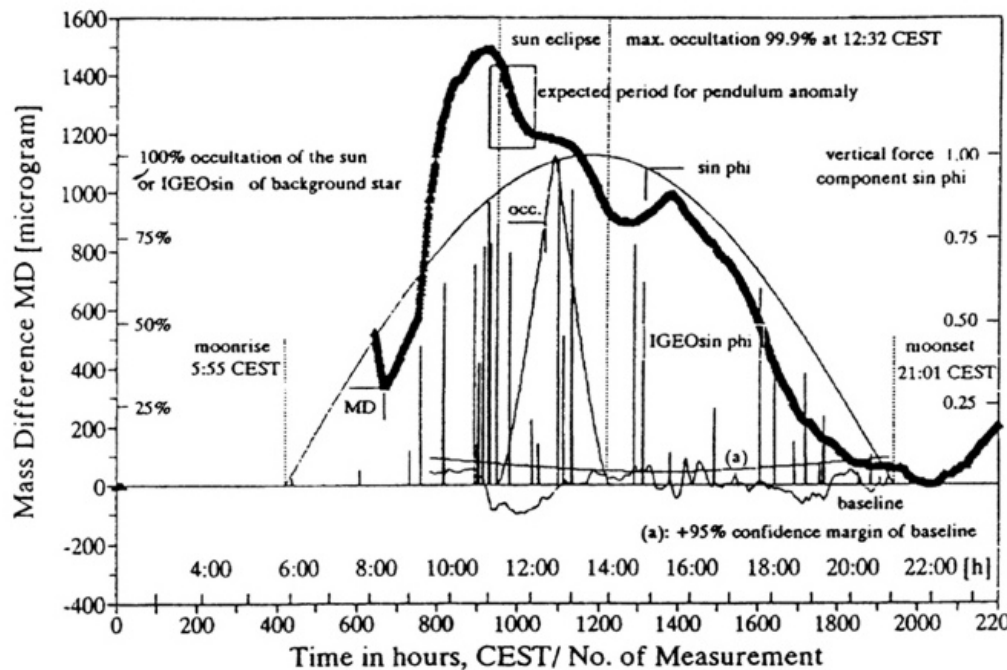
Dr. Klaus Volkamer, weighing experiments

High-precision differential scale (Sartorius)

Observable changes $1 : 10^{-6}$

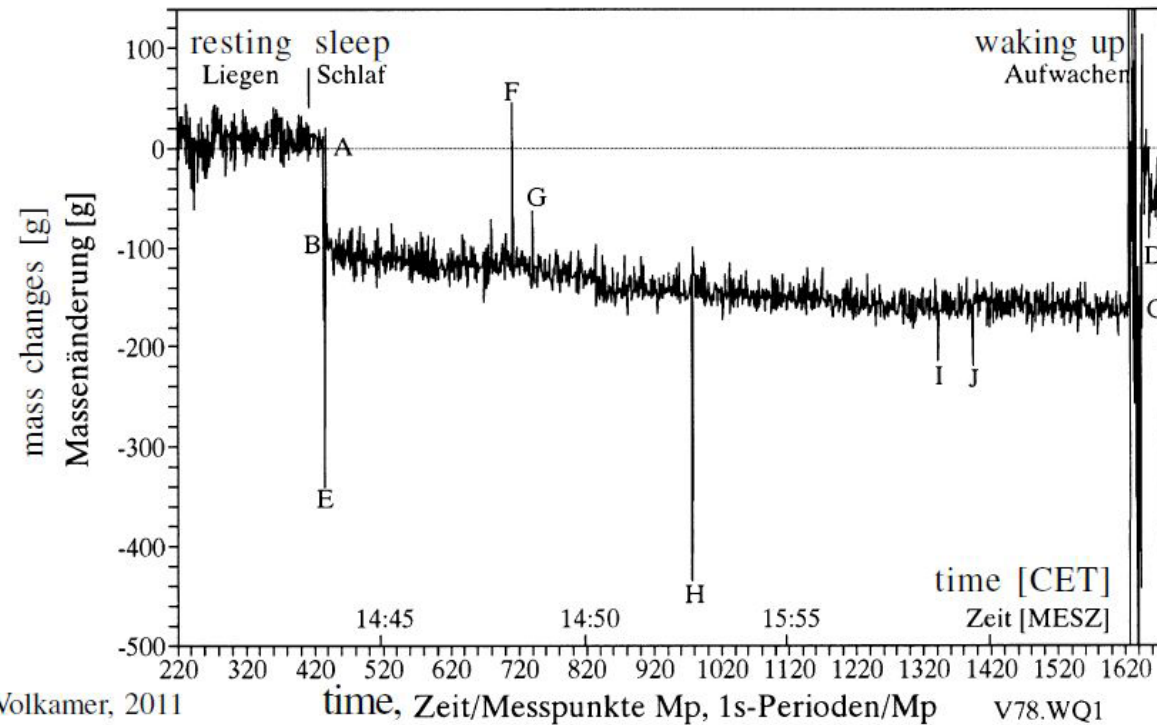
K. Volkamer / *Nuclear Physics B (Proc. Suppl.)* 124 (2003) 117–127

Vis. Total Sun Eclipse at 11 Aug. 1999
All Visible Star Eclipses of the Moon



Changes in mass during the solar eclipse
on 11th August 1999

(C) Klaus Volkamer, with kind permission.

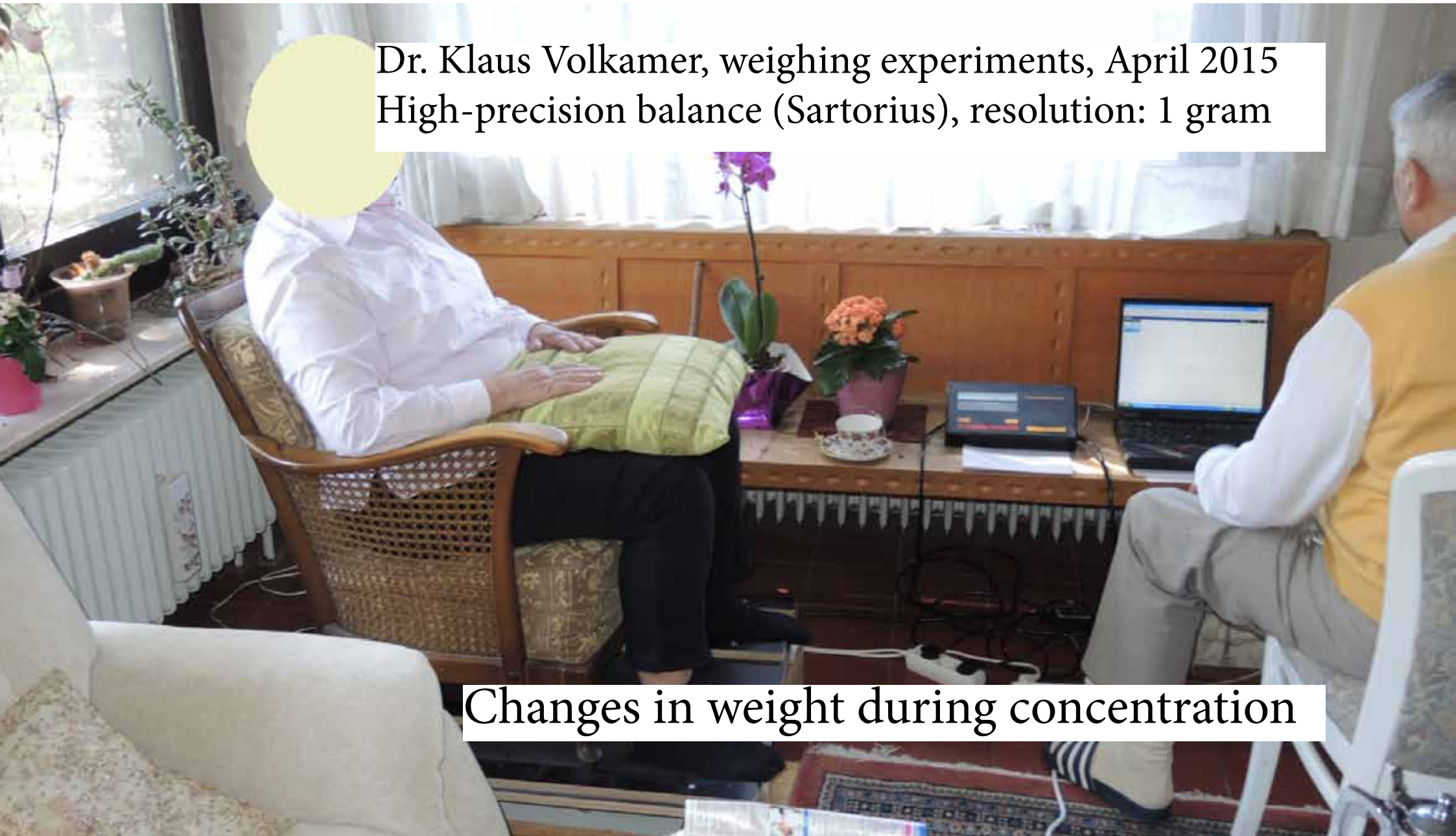


Changes in the weight of a person during sleep

In addition to a constant decrease in weight (due to a continuous loss of water), sudden changes occur at the beginning and end of sleep.

(C) Klaus Volkamer, with kind permission.

Dr. Klaus Volkamer, weighing experiments, April 2015
High-precision balance (Sartorius), resolution: 1 gram



Changes in weight during concentration

Dr. Klaus Volkamer, weighing experiments, April 2015

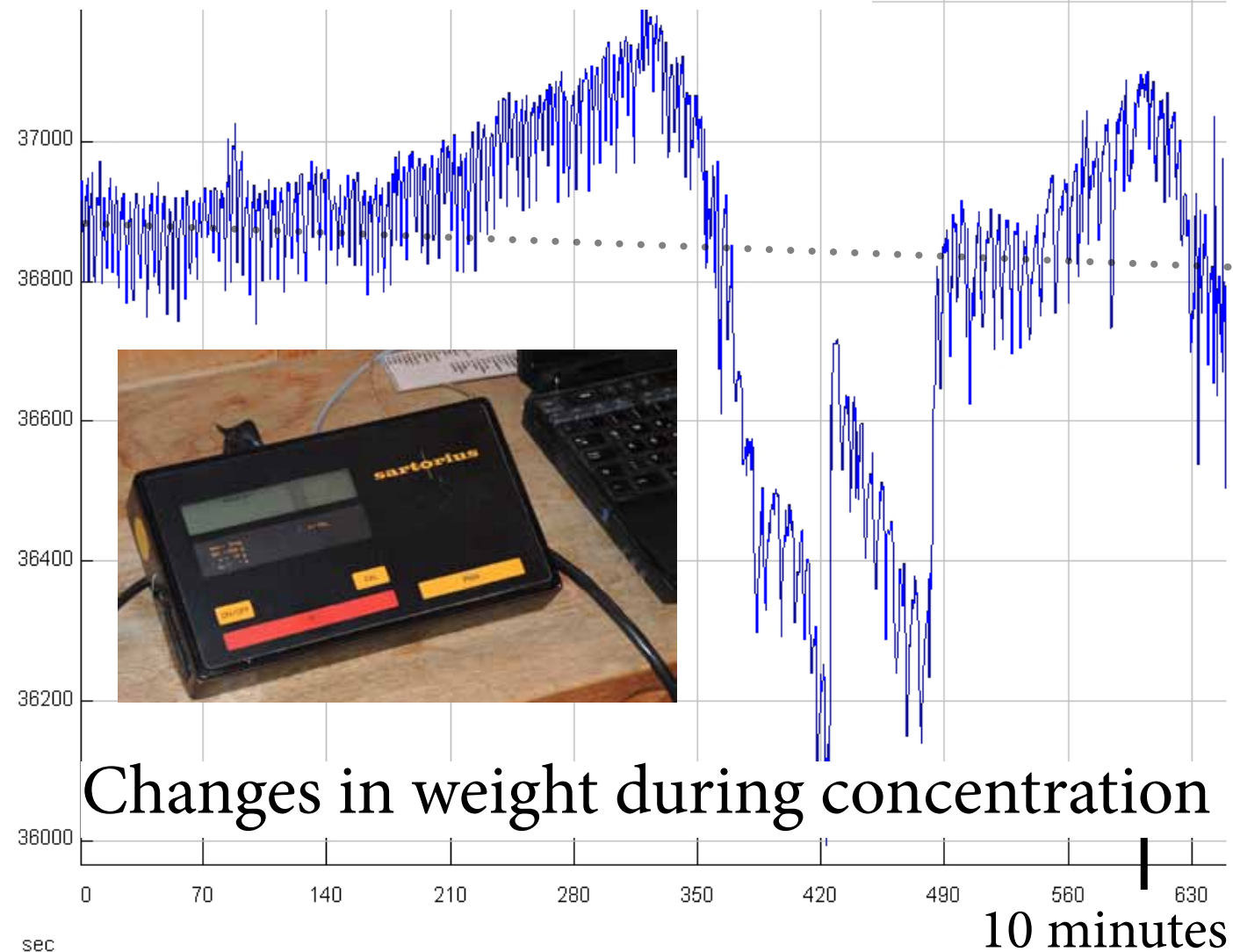
High-precision balance (Sartorius), resolution: 1 gram



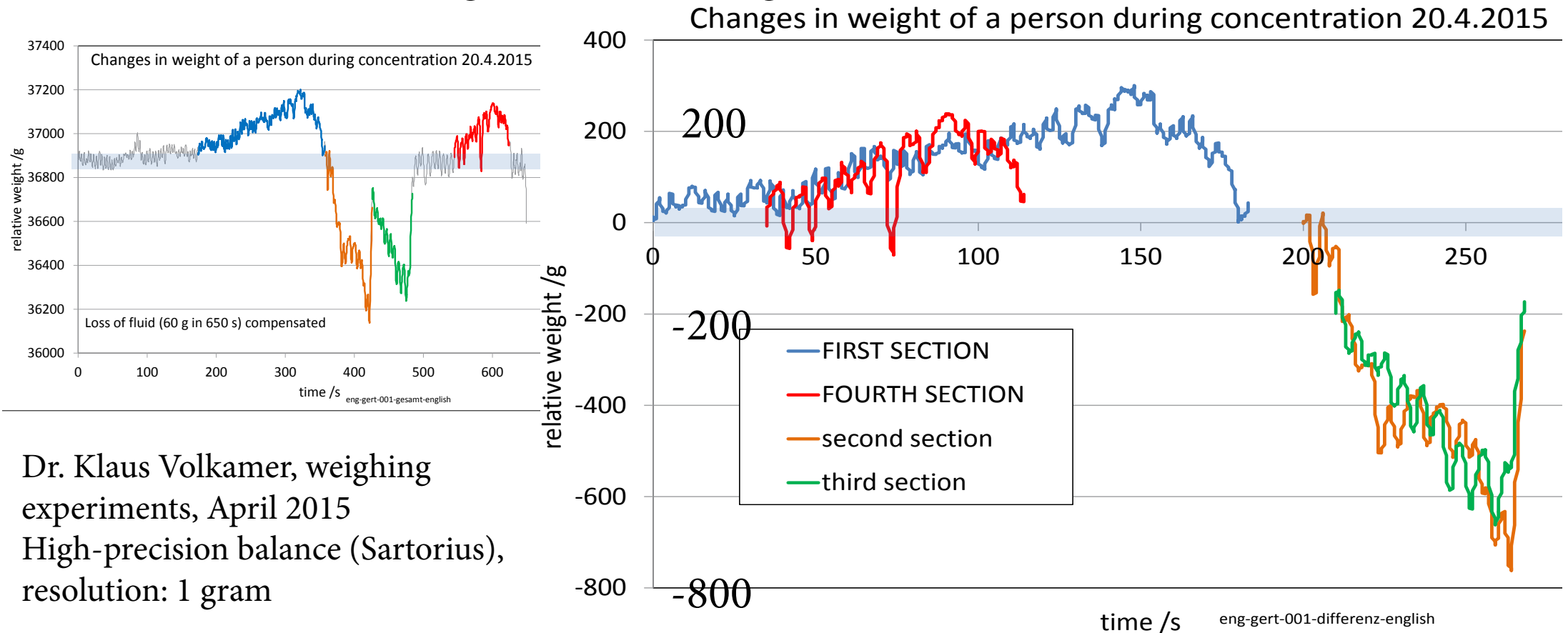
37000 g

1000 g

36000 g



Changes in weight during concentration
Two sections each with an
increase (blue, red) and
decrease (brown, green) in weight



Dr. Klaus Volkamer, weighing
experiments, April 2015
High-precision balance (Sartorius),
resolution: 1 gram

Dr. Serge Kernbach, measurement of pH-value , October 2015

High-precision sensors, resolution better than 1 μ Volt

241015-3491-DE

www.cybetronica.de.com

RESEARCH CENTER OF ADVANCED ROBOTICS AND ENVIRONMENTAL SCIENCE

REPORT

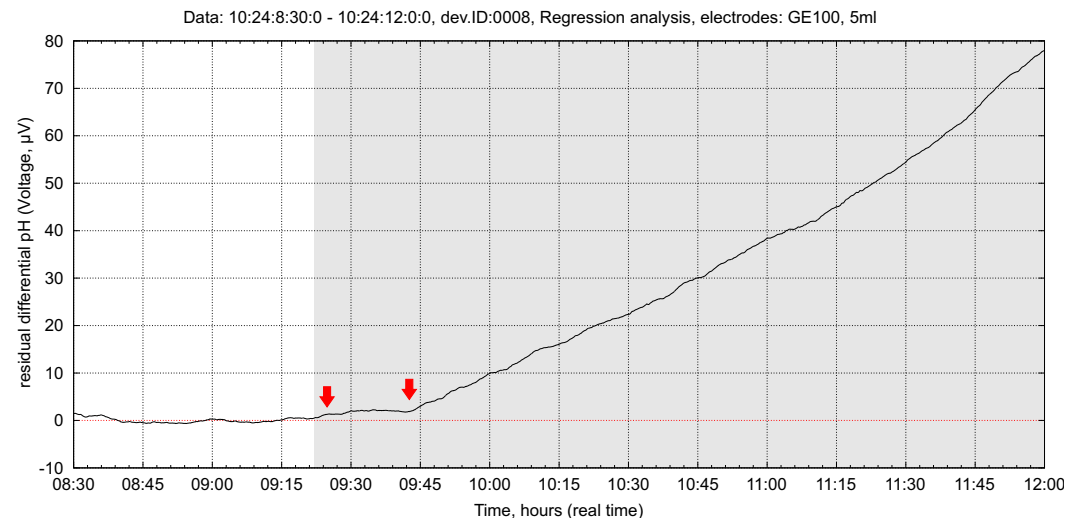
Attempting a remote mental influence
on three dpH devices
(the project No.241015-3491-DE)

1 TERMS OF THE TESTS

The Laboratory of Advanced Sensors (Cybertronica Research, Stuttgart, Germany), further the CYB, and two operators, the female operator A and the male operator B, performed tests

Mental influence on the pH-value

High resolution dpH measurement device



Hypothesis 1:

Further types of mass-bearing matter exist.

Example

- Dark Matter of astrophysics
- Volkamer's weighing experiments concerning subtle Matter

Thesis 2:

“Subtle” matter is not visible, of course, but it
can be perceived by many people,
and can even be seen by a few individuals..

Examples

- Radiaesthetic effects are based on subtle matter.
- Mental paths (such as psi track) can be generated by means of thoughts. They can be found by other persons.



3.1 Water and structures

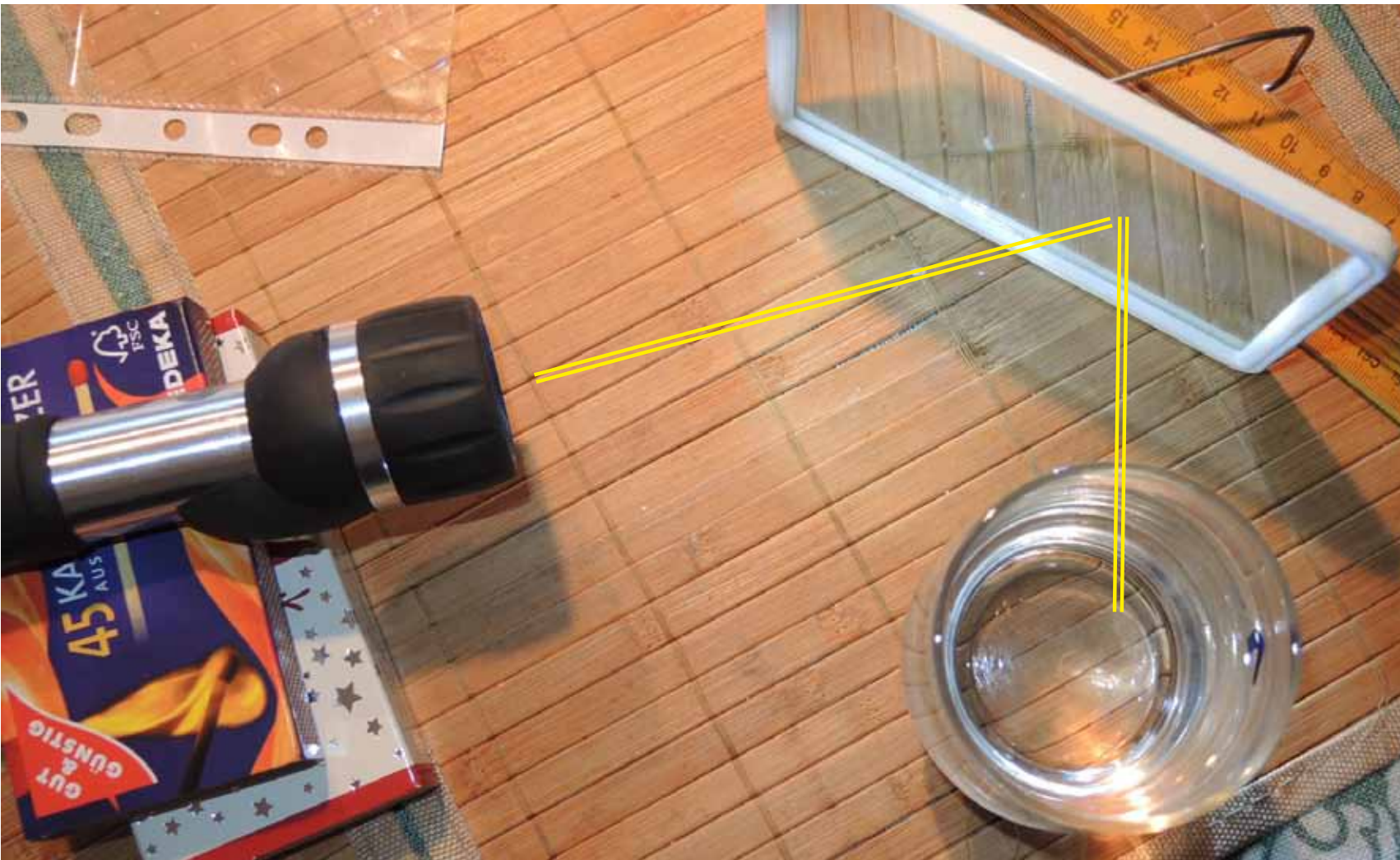
The quality of water is influenced by LEDs

- The quality of water is drastically impaired by exposure to light from an LED lamp, even if the duration of exposure is shorter than one minute.
- A human being can improve the quality with his hands.



“Bovis-units“ vary

The reflected beam from an LED lamp does not alter the number of Bovis units in water.



Mirror

Glass of water

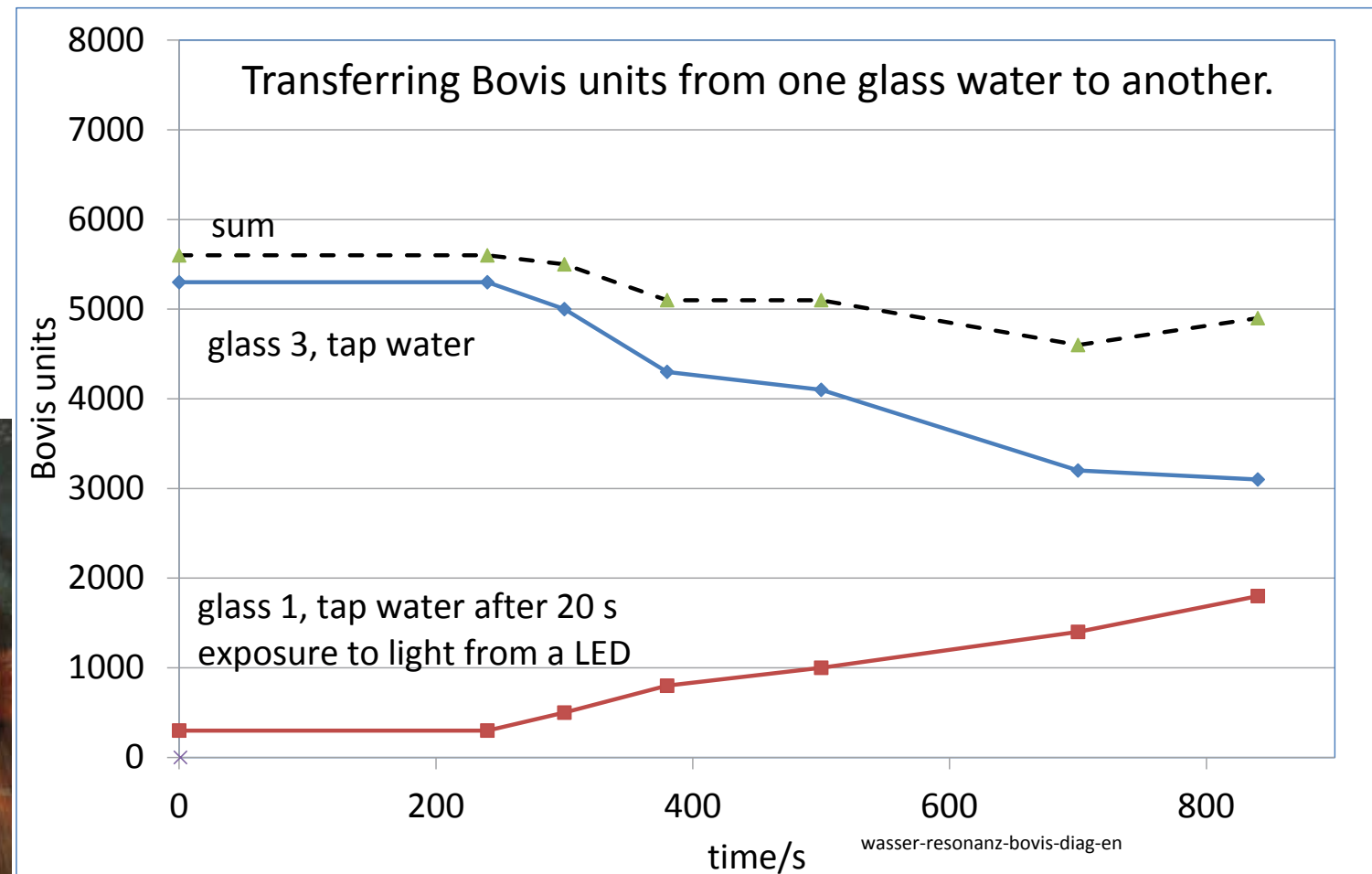
Resonance is established between two glasses of water.

During this process, the properties associated with the Bovis units are mutually assimilated. “good” and “slight” ==> “mediocre” and “mediocre”

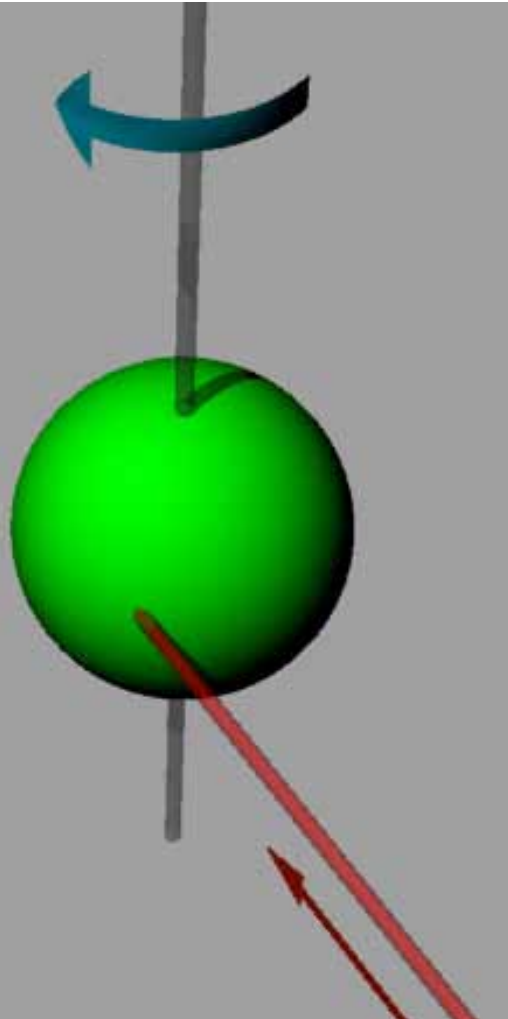
Tap water

Glass 1: 300 BE after 20 s
exposure to light
from an LED lamp

Glass 3: 5300 BE



Tangential exposure to light from an LED lamp or laser pointer results in rotation.

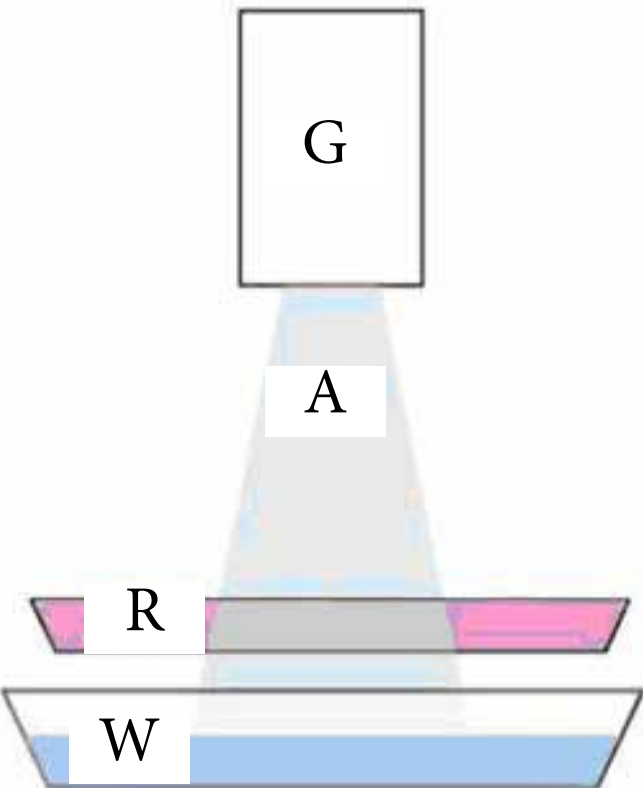


after irradiation :
left- oder
right “rotating” water

LEDs and laser pointers
behave similarly.

Rotation to the right (clockwise) and left (counterclockwise)

Transfer of “information“



G Spin field generator
A Ray beam, R Alkohol,
W Water

B. Payne e-Book:

The Spin Force

<http://www.buryl.com>

“ We set up an experiment to test whether the transference of the inebriating properties of alcohol, into water, could be accomplished, as claimed by some of the Russian investigators.. . . We irradiated for 10 minutes.

.... we have determined that the inebriating properties of the alcohol were **indeed transferred into the water**, where **the energetic signature of the alcohol was stored**, as though a memory, **with none of the toxic effects of actual alcohol.**“ Buryl Payne, The Spin Force, page107



“Information” can also be transferred with LED lamps.

4. Mental pfaths:

Psi track, navigation lines und „six pack“

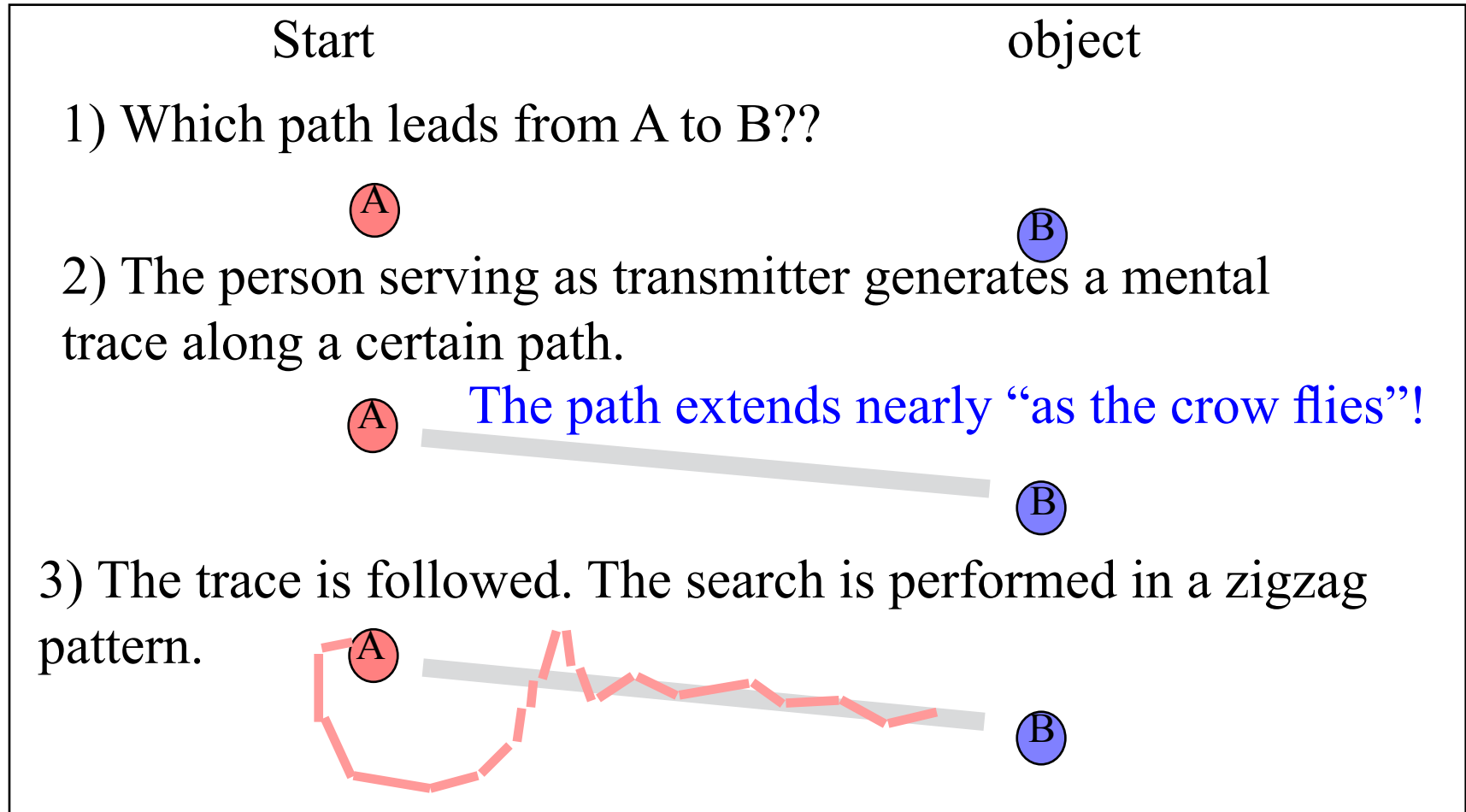
The conscious mind influences matter



4000- to 5000-year-old
Menhir at the edge of the Harz mountains

Experiment for demonstrating the existence of mentally generated connections

PsiTrack from site to site



Research incentive provided by the work of N.O. Jacobson, J.A. Tellefsen

Dowsing along the psi track, Journal of the Society for Psychical Research 59 (1994) 321-339

www.newphys.se/fnysik/3_1/index.html

<http://www.nilsolof.se/psitrack.htm>

Experiment for demonstrating the existence of mentally generated connections

PsiTrack between Clausthal-Zellerfeld and Igensdorf near Nuremberg.

Distance about 250 km.

At selected locations, the track was found in the vicinity of the direct connecting line, and its direction was recorded by means of GPS.

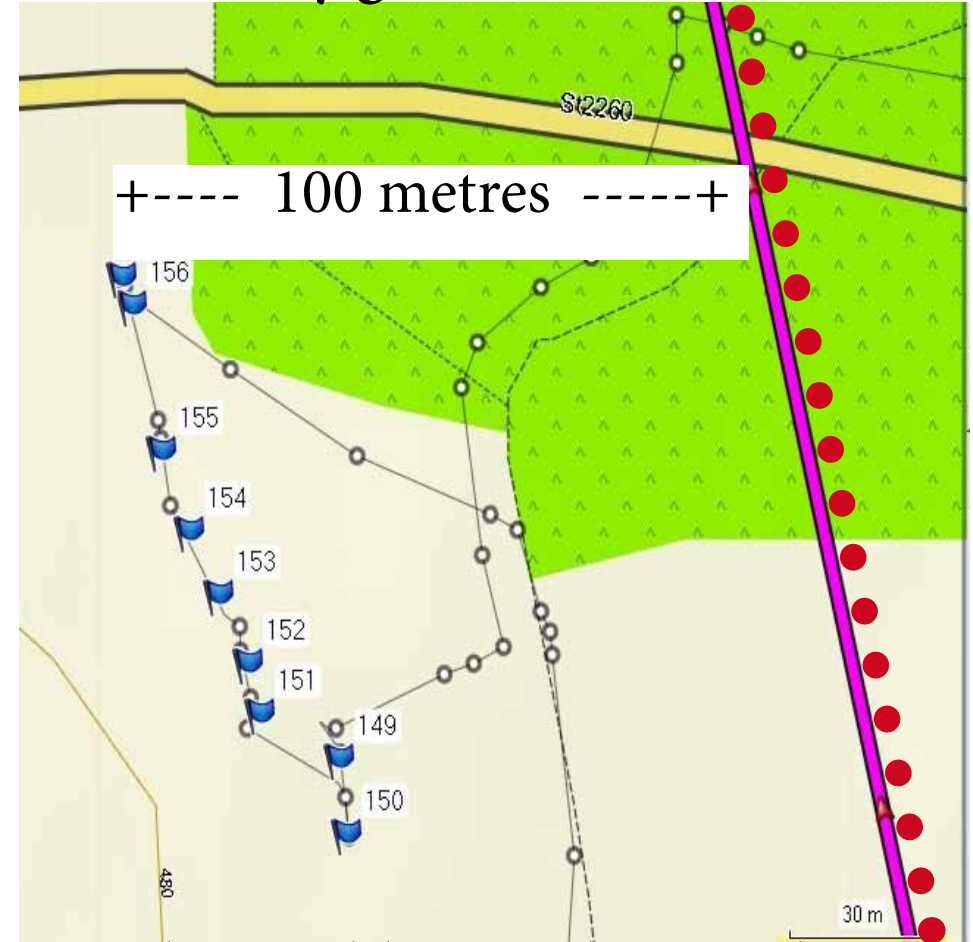
In each case, the track thus found extends in parallel with the direct connecting line.

Near Eschlipp, about 20 km north of the target point, the deviation of the track thus found from the direct connecting line indicated by Google Earth was about 100 metres.

biosensor/kuehlwasser-zehn.htm



Experiment for demonstrating the existence of mentally generated connections



In Clausthal, 2 km south of the starting point, and in Eschlipp, 20 km north to the target point

**The track extends in parallel with the direct connecting line,
that is, “as the crow flies”.**

biosensor/kuehlwasser-zehn.htm

PsiTrack from site to site

Structure of clearly distinguishable zones:

Internal area:

Five zones, the middle zone approx. 20 cm,
the outer zones about 8 cm wide, period 0.7 m

External area:

Nine zones, about 0.6 m wide, period about 1.3 m,
six zones, about 0.3 m wide, period about 0.6 m

Who can generate psitracks?

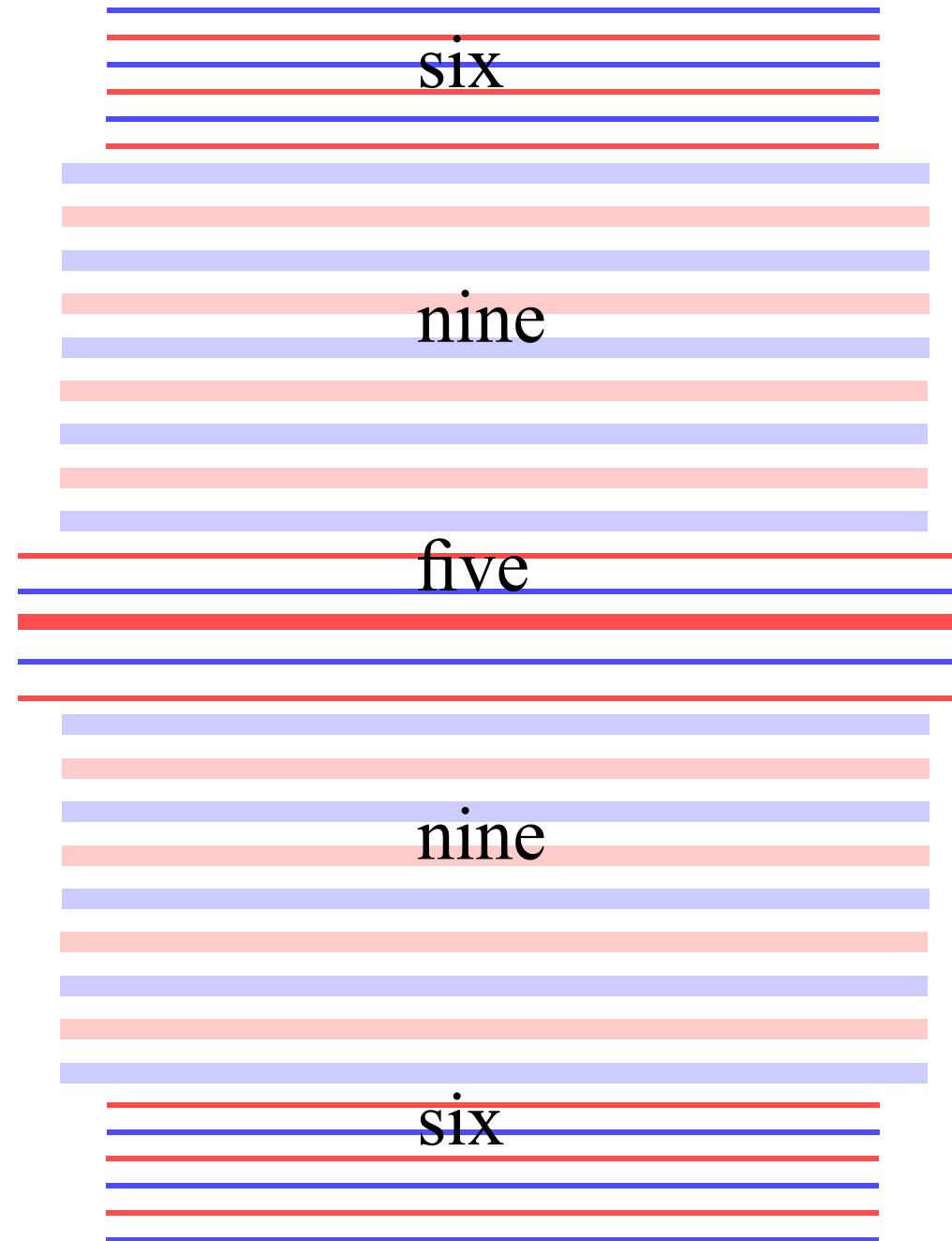
In principle, all human beings can create these structures.
There are no local prerequisites.

Duration, that is, persistence: about 30 hours

Complex structures are located along the zones.

Psi tracks can be deleted and displaced, but only by persons
of the same sex as those who have generated them.

Yin or yang information is evidently superimposed.



Structure of mental paths on start and target points



After a few metres from the starting point (1), the five inner zones of the psi track have attained their final width and extend parallel to one another.

Width of the strips: about 20 cm (inside) and about 8 cm (outside)

biosensor/kuehlwasser-zehn.htm

Photograph: G. Engelsing

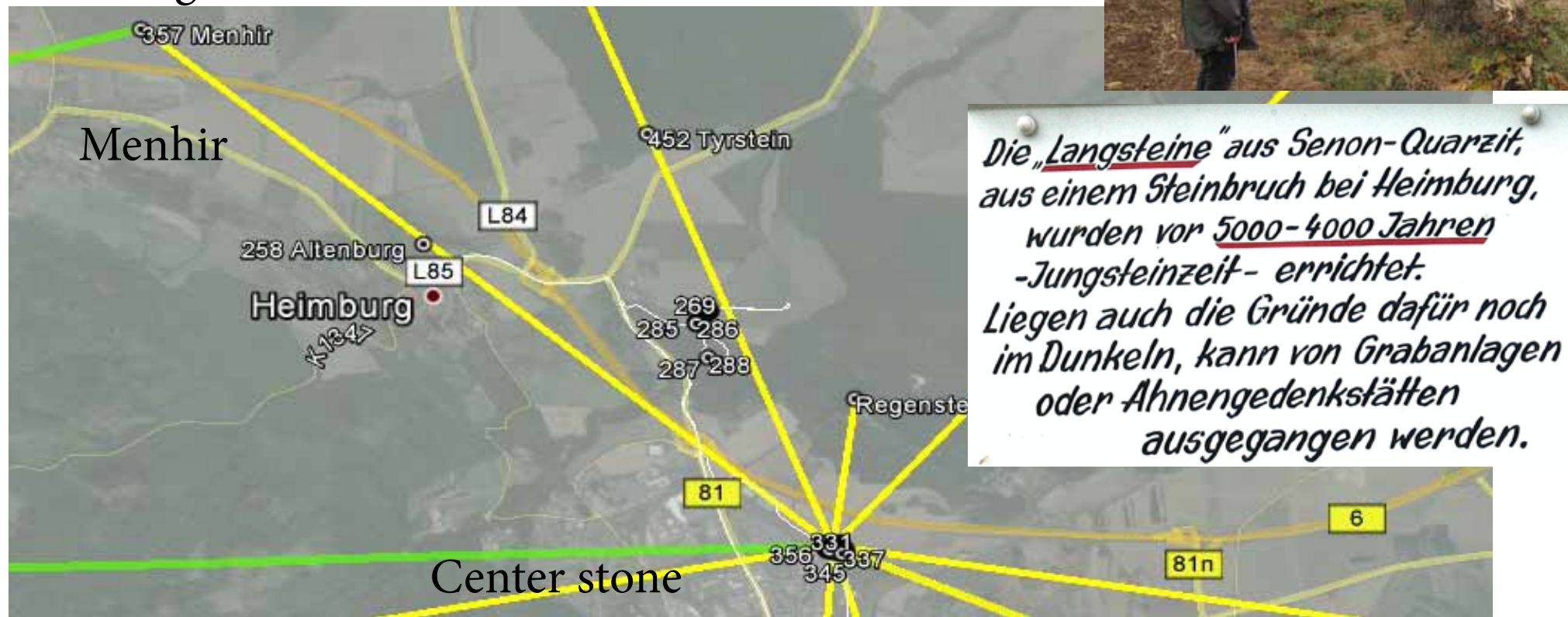
“Six packs” from prehistoric times

NINS Neolithic information and Navigation system

Several ancient menhire are located at the northern edge of the Harz Mountains near Blankenburg and are part of a larger system* of six-packs.

The midpoint stone at the railway station in Blankenburg acts as one of the centres.

Menhir



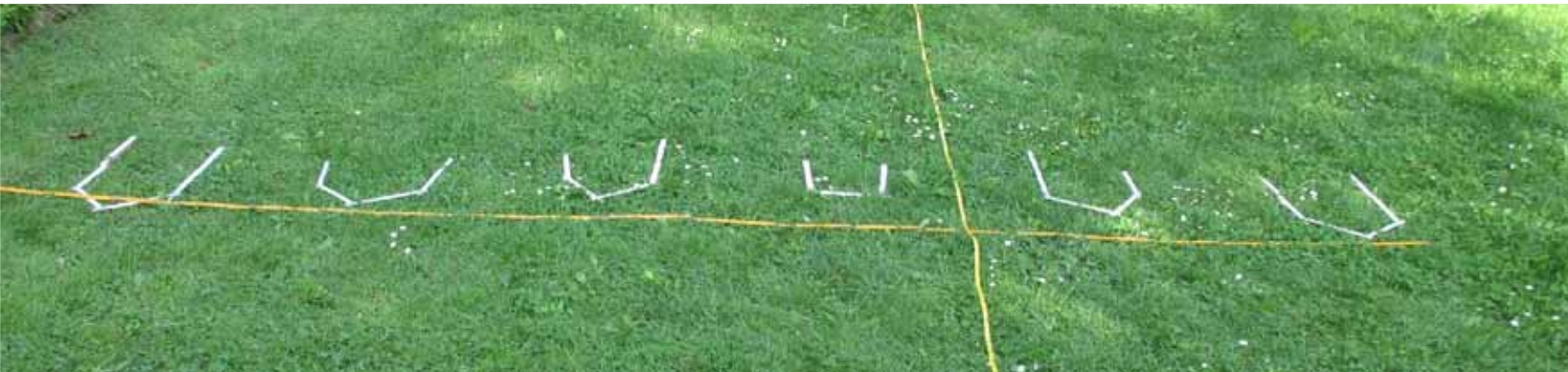
* Walter Diesing, Der Himmel auf Erden, (2005) ISBN 3-00-014524-9

“Six packs” from prehistoric times

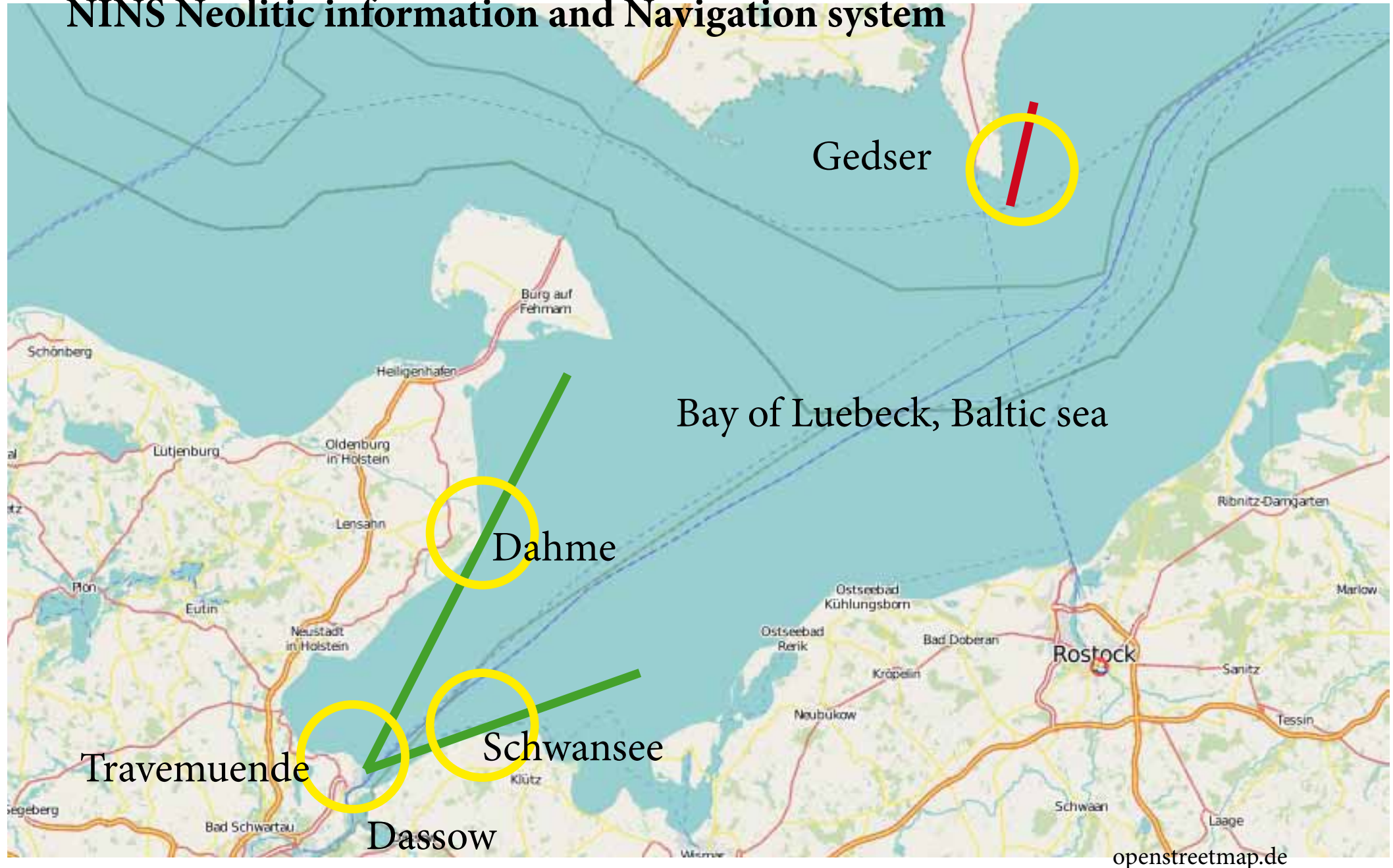
NINS Neolithic information and Navigation system

Midpoint stone at the railway station in Blankenburg

The internal structure of a six-pack is indicated on a meadow or marked at the midpoint stone along the way near Blankenburg.



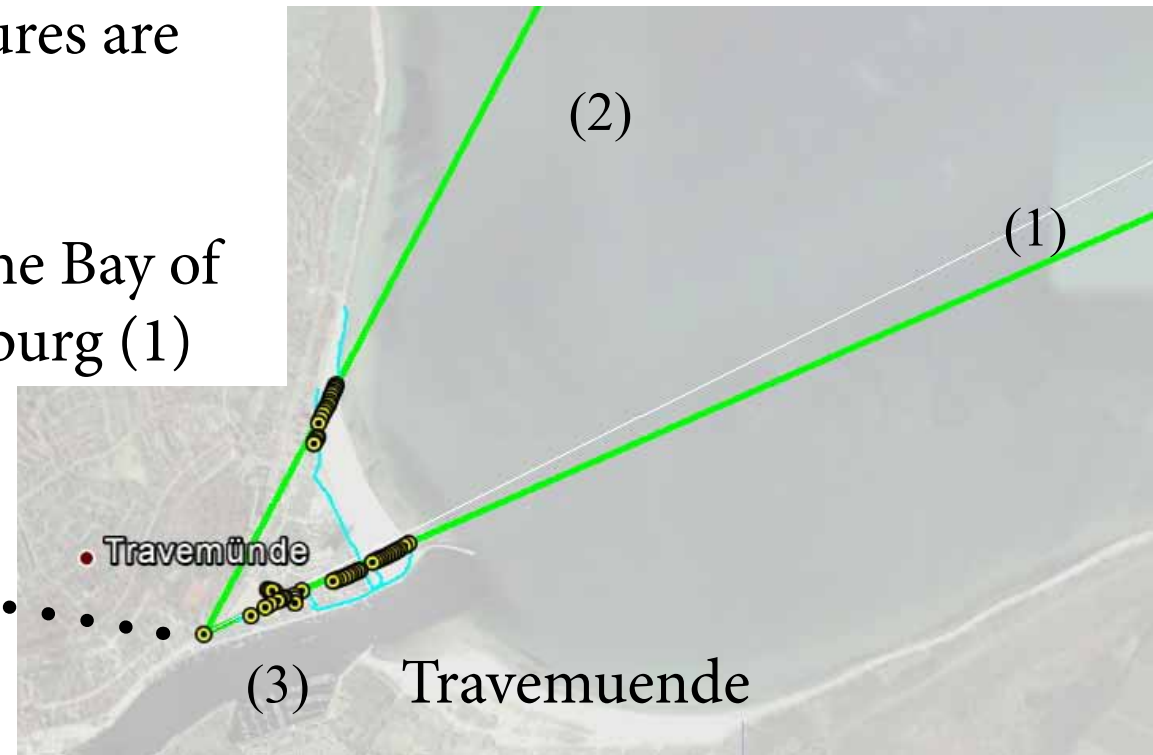
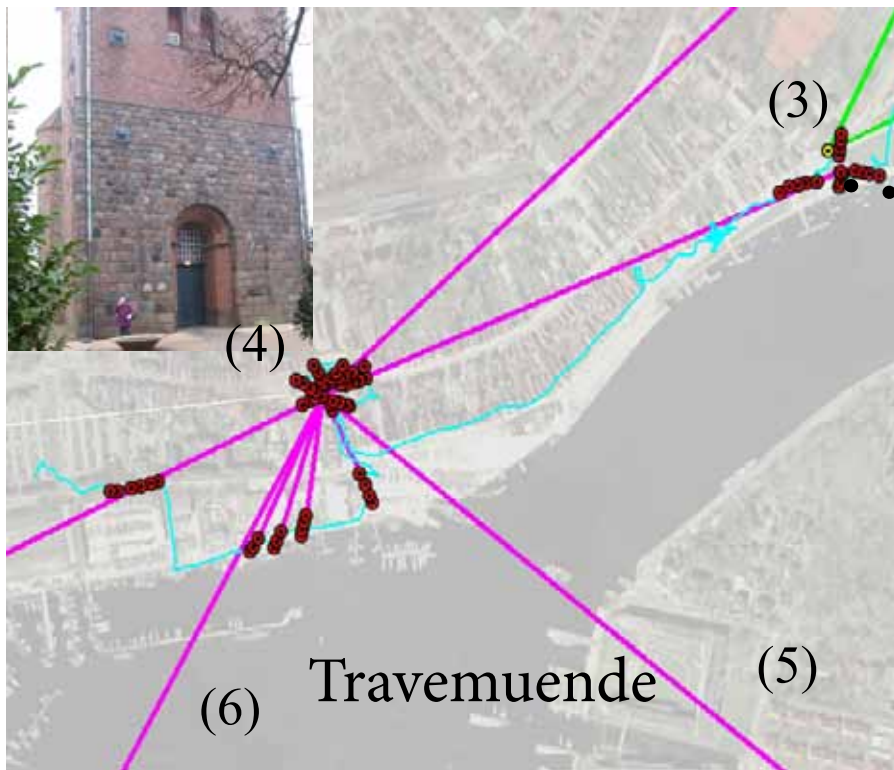
NINS Neolithic information and Navigation system



NINS Neolithic information and Navigation system

Navigation systems with mental structures are known from the literature.*

In one system near Travemuende, two structures mark the aperture angle of the Bay of Luebeck between the coast of Mecklenburg (1)



and the promontory near Dahme (2).

A further system connects the locations of the church steeples at Travemuende (4), Dassow (5), and Schlutup (6).

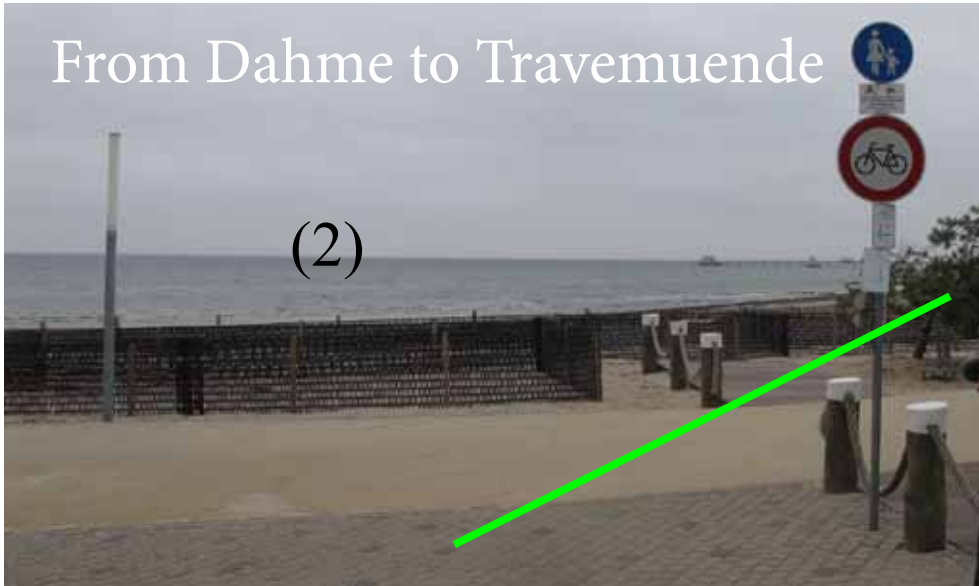
* T. Walli, Das Raetiastein GPS

biosensor/kuehlwasser-zehn.htm#zehn-033

NINS Neolithic information and Navigation system

From Dahme to Travemuende

(2)



From Schwansee to Travemuende

(1)



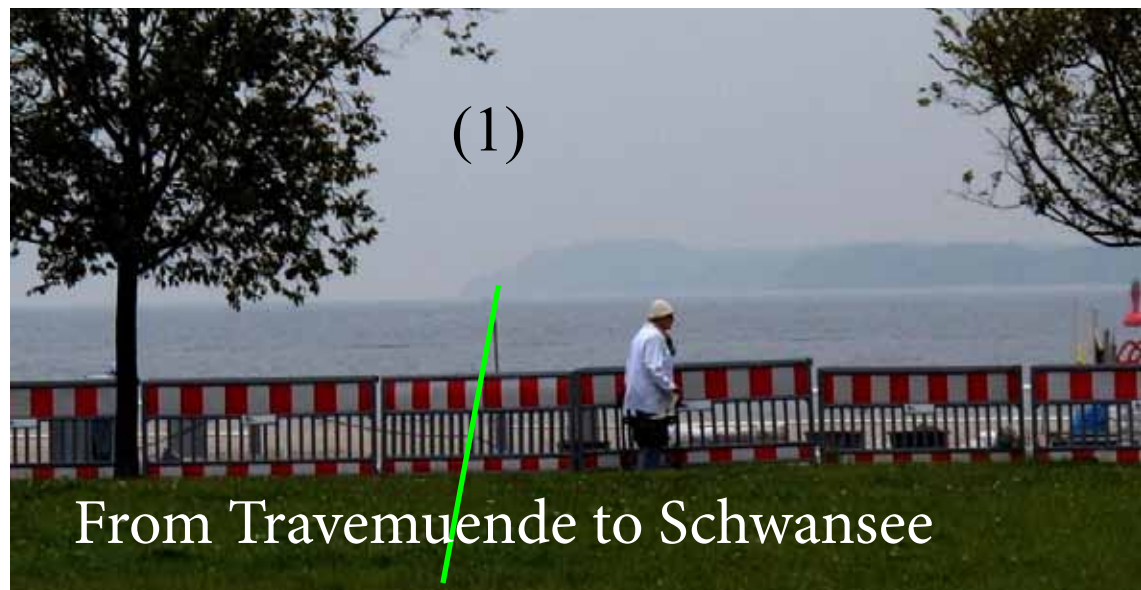
From Travemuende to Dahme

(2)



biosensor/kuehlwasser-zehn.htm#zahn-033

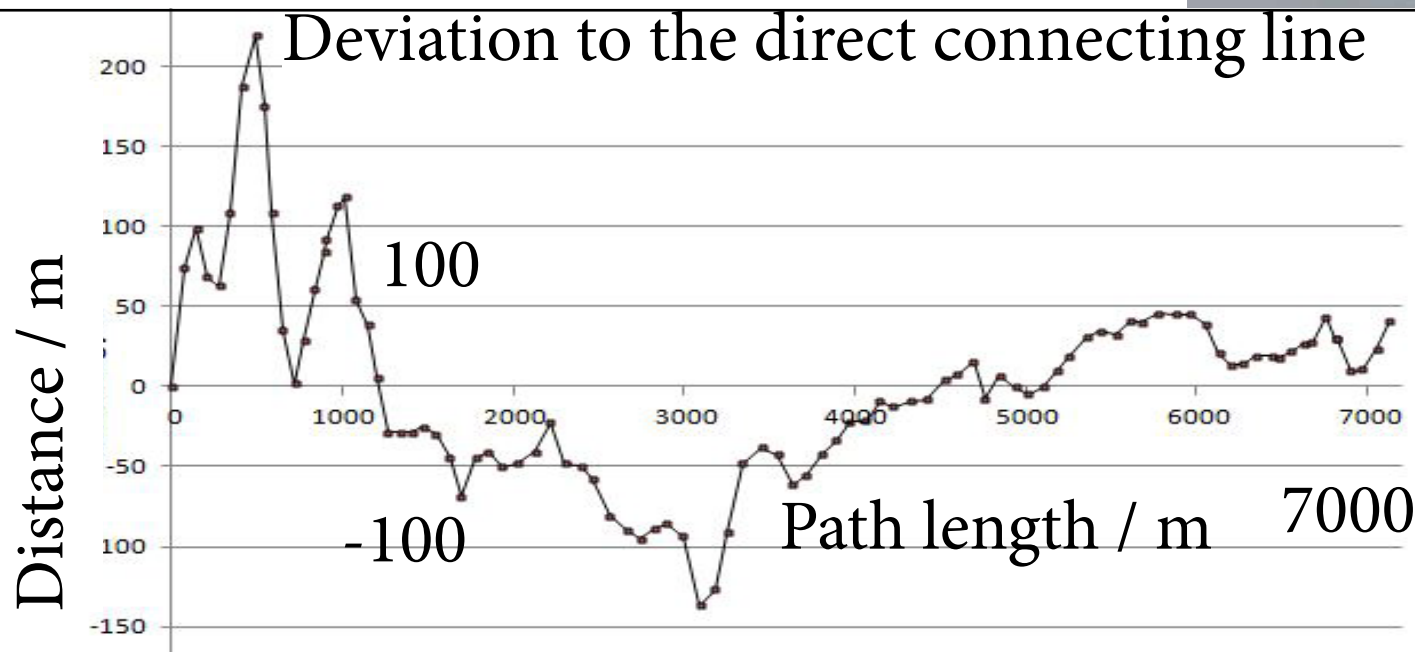
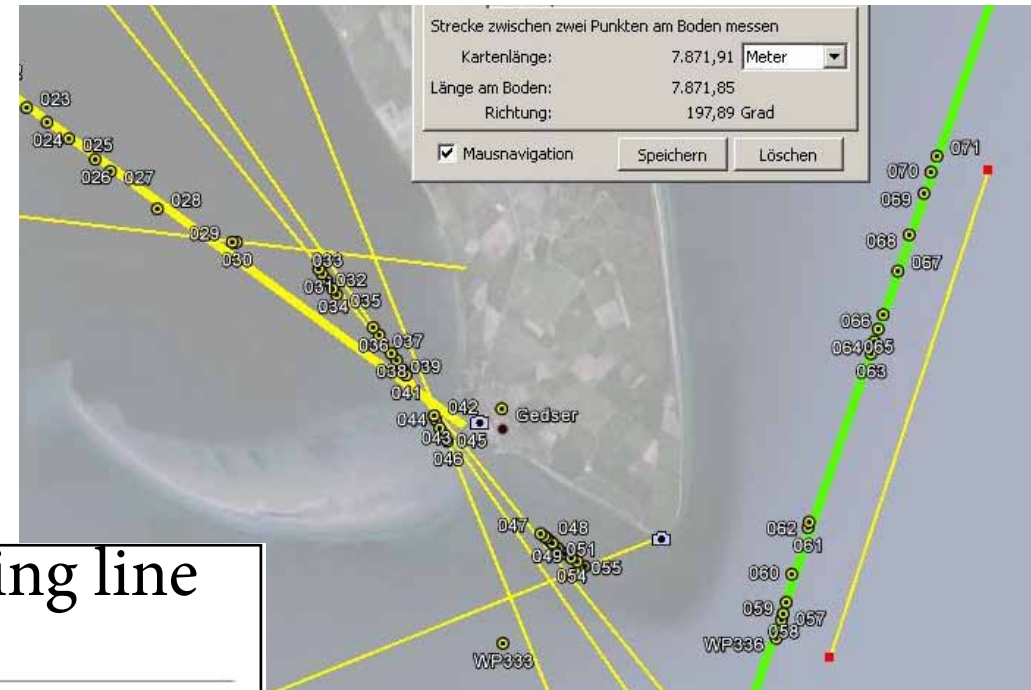
(1)



From Travemuende to Schwansee

Navigation in the Baltic Sea, sailing along historic mental paths

During a sailing tour east of Gedser (Falster DK) in the summer of 2012, a straight course was travelled over a distance of more than seven kilometres along a mental path* without the need of any further navigational aids.



* Reproduction of navigation along mental paths on the Mediterranean Sea: T. Walli, Das Raetiastein GPS, Books on Demand, Norderstedt (2008) ISBN 978-3-8334-8963-1

6. Energy and excitations



Solar eclipse 20.3.2015

Structures around humans and around matter overlap.



Energetic considerations on the origin of subtle structures

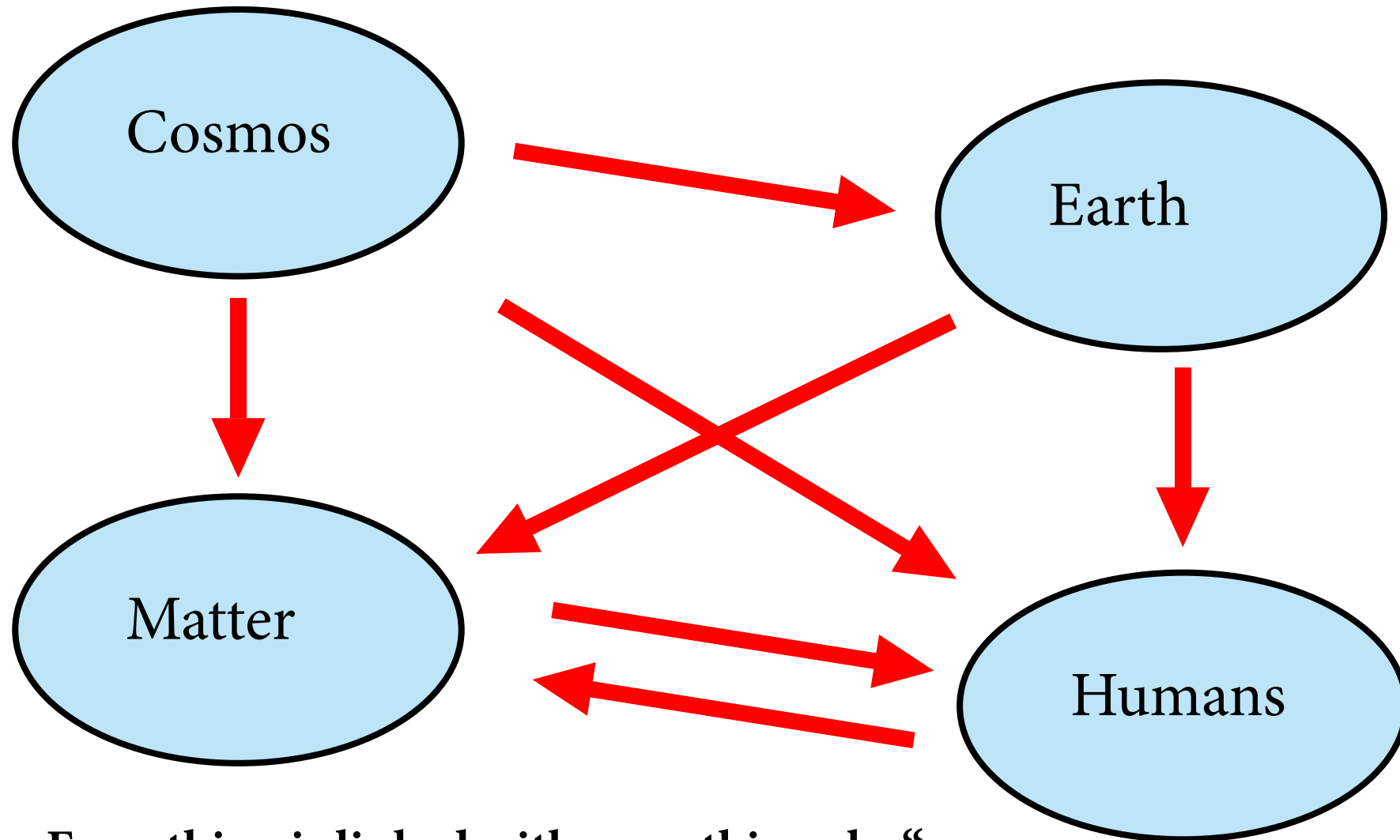
Observations made to date and the corresponding conclusions justify the assumption that visible and subtle matter are excited and structured

- **by electromagnetic and acoustic waves**
- **by particle radiation**
- **by motion of matter**

- All matter is excited by waves from the cosmos and by oscillations or other motions of the earth.
- Technical transmitters emit electromagnetic and acoustic waves.
- People also send electromagnetic and acoustic waves (e.g. EEG, heart).
- Radiaesthetic structures, such as grids or zones over underground aquifers, can function as waveguides at certain electromagnetic wave frequencies.
- The subtle structures are involved in mutual interactions with human bodily fields.

Matter is excited by waves from the cosmos.

Humans also emit electromagnetic and acoustic waves.



„Everything is linked with everything else“.



7. Conclusions

Mental activity can influence matter and, conversely, matter can influence the conscious mind.

In established science, this result is not taken into account.

Consequently,
**we need a change in the paradigms
which determine the physical view of the world.**

- Our experimental results indicate the existence of “subtle” matter.
- All matter and all living organisms in the world are constantly exposed to excitation by waves and particulate radiation.
- Every excited body at rest is surrounded by invisible structures which consist of such subtle matter.
- A regular arrangement of similar bodies can result in the generation of large resonance structures.
- Technical devices influence subtle matter.
These devices can alter the subtle matter, generate new subtle matter, and inject frequencies (and information?).
- In the case of moving bodies, the environment of subtle matter is deformed, and new structures are generated.

- Living organisms with biological sensors can perceive structures consciously and subconsciously. A few persons can perceive or “see” these structures and perhaps even photograph them.
- Sensors for changes in the visible and even in the invisible environment were decisive for survival in the course of evolution.
- Every change acts as an alarm signal for a living organism. Persistent alarms, however, can prove to be detrimental to health by causing undue stress, since constant regulation is necessary.
- The experiments with mental paths indicate that structures can be generated by mental activity. Some persons can find and identify these structures. Subtle matter can thus be influenced.
- The duration or persistence of mental structures depends on the type of excitation.

- The conscious mind and matter are mutually coupled.
Invisible matter is of decisive importance in this linking process.
- With its information on matter,
physics thus attains the field of consciousness.
- Moreover, a collective subconscious mind apparently exists.
General information fields (“morphogenetic fields” and Akasha chronics)
also appear to exist.
- With more profound consciousness, one can gain access to the “fields”,
perhaps in a manner similar to that
- **with the internet, which of course never “forgets” anything.**

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Thank you for your attention
further information available: www.biosensor-physik.de