Modern possibilities of fine-field diagnostics of objects living and inanimate nature

In Shkatov . T .
Tomsk nuclear center
Shkatov II . In .
Moscow

Traditional diagnostics of various objects of animate and inanimate nature is usually performed on the basis of the classical laws of the natural sciences : physics , chemistry and biology . Typically , this contact diagnostics , carried out by interactions are material , energy , or both at the same time , between the object being diagnosed and the diagnostic tool (device). IN when necessary, remote communication between the object and the device is used through various energy fields , the most popular of which is the electromagnetic field . Technical solutions for the formation , generation , the reception and decoding of electromagnetic signals reached in this direction very high perfection . However , along with the obvious advantages of accuracy , speed , noise immunity, and so on . etc. , such a diagnosis has and disadvantages . They , as always , are a continuation of the listed and others merits . High performance usually entails increased power consumption of devices , and noise immunity and accuracy are difficult to realize without significant complication and appreciation of the equipment . In addition , as shows practice , in most cases, excellent quality indicators such equipment is not fully used , but only continuously increases following the so-called technical progress . In addition , it is difficult not to accept the remark a clear deterioration of the ecology of our lives , one of the reasons for which , probably , contained at a too unrestrained rate of its electromagnetic growth .

The situation is aggravated by the fact , that not all facilities are available for diagnostics by electromagnetic (including electric and magnetic) separately), but in general , by energy methods . It is , first of all , concerns very distant , very hot , radioactive , or shielded one at a time from the components of the field of inanimate objects , as well as complex structured living organisms , to whose organs it is difficult or impossible to get close without them damage .

Therefore , may be , is worth a closer look to the very aspect diagnostic information , in particular to the fact , as is the nature of the deduction of the human factor . Long-term observations and modern subtle experiments show , that nature abounds in information interactions , their density and saturation are many orders of magnitude higher those for human activity . And , most importantly , she , nature , gets along for this with extremely low energy costs . On - apparently , for

Materials of the international scientific conference . Hosta , Sochi , 25-29 on August 2009 g .

natural information interactions, electromagnetic and other energy fields are not the most " popular ".

What kind of information carriers does Nature mainly use on Earth ? maybe those , which it possessed before the great discoveries and inventions Hertz Popova - Marconi . Long before them , and even long before the appearance of biological

life on Earth . And what can modern science say about this ? Not really , to
Unfortunately , a lot . The most powerful until recently in Russia (and in the former USSR
especially) academia is why - I decided (in the face of some of its
" Significant academics ") that, in general, the structure of the world is fully understood
adequately , the world is organized only on the basis of electromagnetic , gravitational ,
strong, and so on . n . energy interactions . How did they organize and exist?
For some reason , academic science is not interested in these interactions themselves .
Amazing lack of curiosity ! And her fight against dissent in her field ,
under the guise of protecting real science from the so-called " pseudoscience ", more
looks like a criminal inquisition .
Now let's get back to the " subtle " experiments mentioned above . They are not too
a lot , but not so little as to ignore their results , sometimes
amazing . In this text, the author does not give the results of special
physical experiments with objects , interacting spin (m . e . without
use of charge , magnetic moment and mass) performed in the last two -
three decades in the leading laboratories of Russia and the world . They can be found in
excellent review of academician RANS A . E . Akimov [1]. Here will be given
the results of other experiments , carried out in other laboratories , often in
conditions , of little use for it . But they , these experiments , were carried out with
using a new , specially designed for this work
ultra-high-sensitivity measuring equipment , before that there was no
that existed in the experimentalists' toolbox . Such equipment in the 90- ies
was called torso , in accordance with the name that appeared then
fundamental , basic , field of Nature - torsion field (torsion field).
This name , not to mention its physical nature , still evokes
ongoing disputes between supporters of this idea and orthodox scientists ,
primarily physicists . These disputes rise and fall in waves , in full
in accordance with the general oscillatory nature of the behavior of complex systems ,
emerged from - under control . Both sides have some truth .
Orthodox part of scientists , on - apparently , considers its main duty
to protect the existing achievements of science from insufficiently proven , from its point of view
vision , new ideas and technical suggestions . This , probably , correctly . Only
there are a lot of such guards , because the train of science, by definition, should go ,
and not stand still with a steam locomotive , at which all types of weapons are fired at
defeat . Continuing in the same vein , we can say , that this machinists
steam locomotives are forced to take up an all-round defense , with heavy losses for themselves and
truth . Difficulties in defending side consists also in the fact , that their subject matter
defense , although it looks promising for practice , but is being developed
fast enough of - for the principal difficulties of its theoretical
arrangement and the smallness of the forces involved . In conclusion, so metaphorical

paragraph I would like to express an optimistic note for the near future , because
" Guards ", probably , have long been tired of guarding the dilapidated and partially
plundered train of science . But this is the job .
Now the presentation will be a little stricter . As far as the author understood himself , to the present
time, there are a number of experimental measuring techniques and
art devices , suitable for , again, experimental , attempts
diagnostics of a number of objects of animate and inanimate nature . What are these devices and

techniques ? Do they deserve attention ? In fig . 1 shows the first meter
torsion contrast (a special distinction from the background) of the object , developed by
author of about 1998 g .

Fig . 1. Torsimer TSM- 021 with a torsion bolt .

This meter was named TCM- 021 torsimer. Shown in fig . Option 1
then it was not yet equipped with a data transmission system to a computer , now this
the deficiency has been eliminated . On this torsimer, a number of good
measurement results , only a few will be presented here . In fig . 2
showing the values of the torsion contrast of various geometric shapes and letters
of the Russian alphabet , in arbitrary units , on a white background .

Fig . 2. Torsion contrast of flat figures and letters .

Some commentary on fig . 2. The geometric shapes , painted
pen on pieces of white typing paper measuring 50 * 50 mm , apparently , not
were a source of the electromagnetic field in relation to TCM- 021.
The measurement technology was very simple . Specified figures on paper
the substrate was placed on the instrument table with the image facing up , alternately with
the same piece of paper without a picture . The effect of rotation signs of the type is striking :
left and right , using the example of the ancient heraldic symbol - the swastika : straight and
inverse . The figures closing the row are also interesting : a circle and a triangle ,
working to the maximum , but in different signs , as well as stars : five-pointed and
David . As for the letters , which of - had the limited resolution
organize into groups , then they crumbled in torsion contrast into
some spectrum , at the right end of which there was the letter " O ", and at the left " A " and
" F " The principle here is as follows: everything is round - right and positive , and everything
acute and bi - directional - left and negative . Positivity and
negativity in our case is not entirely symmetrical , positivity
corresponds to the complication (growth) of any system , and , conversely , the negativity
corresponds to its degradation .
No less interesting is , that the torsion contrast agents significantly dependent on
time of day . The figures in group 3 show the effect of the time of day on
torsional indicator of water of different structure .

...

Fig . 3. Torsion phase portraits of water of different content .

In the figures of this group, the method of torsion phase portrait was used ,
when one , dependent , cyclic value is built in the function of another , leading ,
cyclical value on the reversing axes of the compact graph . Every chart
corresponds to the change in values for one day . There is a clear difference in
diurnal behavior of the torsion contrast of an object (in this case, water :
distilled , salted , holy and induced from this holy). The first
of them represents a typical " dead " object , (r . f . no), the second water , and
also the third and fourth are working objects , each in its own way
destination . Interestingly , water is the fourth in phase portrait is amazing
similar to the third , at - a real saint , although the fourth water is taken out of the ordinary
plumbing , only she stood for a while next to the third .
A certain impression is made of another work , performed
by the method of torsion phase portrait , using TCM- 021. She is

represented the first long-term torsion monitoring of an object ,
is a human , the rolling threshold death . The work was done
from a photograph of this person , laid on the table TSM- 021. results
are shown in Fig . four.

Fig . 4. Monitoring a dying person .

In order to comment on this monitoring, we can say the following . On him
five quantities are given as a function of time : four parameters F, S, C, D of the torsion
phase portrait (DFT), representing its fine structure , and phases
Moon , as is known , providing a certain effect on human , especially
sick . It is clearly seen , that FSCD- parameters DFT dying on the way to
moment " M ", about two weeks before that , change the nature of their changes .
A kind of death clock is started by parameter D. Directly at the moment
" M " there is a sharp change in all FSCD- parameters , and within three days these
These are similar to the parameters , specific for the organism to disease . On the
the ninth day of FSCD - the parameters of the body undergo a sharp breakdown in
negative side , and on the fortieth day after the moment " M " there is a signal
only by the non-energy parameter F. The latter , so to speak , is the go-ahead .
The remaining SCD components of the DFT reach stationary by this time for
each one is a level .

Further work is associated with attempts to bind measured torsimeters
quantities to normal physical quantities , preferably in SI units .
For this, another meter was used , built according to the differential
scheme , namely torsimer TSM- 030, fig . five.

Fig . 5. Torsimer TSM -030.

In this torsimer, capacitor sensors based on
highly permeable radio ceramics , one for each channel . From electrical capacity
These sensors depended on the frequency of two oscillators (approximately 500 kHz). These
frequencies were fed to a device that separates their difference , which was measured in
a certain period of time (about 1 sec .) and visualized on a digital
indicator . The device had a built-in automatic zero-setting system and
touch control . Two measuring channels orthogonal to each other
made it possible to measure simultaneously two objects in a comparative mode . System
autonomous power supply and data transmission to the computer were not superfluous for
solving metrological and other problems .

In fig . 6 shows the results of measuring the torsion contrast of the reference bodies
made of different materials , rotating in reverse and at different speeds . On the top
curve (Fig . 6 a) shows the dependence of relative torsion contrast
rotating bodies , made of materials of different densities : from the foam to
copper (ratio of about 450). It is evident , that with such a large density variations
the specified contrast changes not so significantly compared to the change in this
density .

Fig . 6. Experiments in metrology .

The lower curve shows the dependence of the relative contrast of rotated bodies
on the speed and direction of rotation . Here, the linearity of the relationship between the first and

second and symmetry with respect to left and right rotations . In fig . 7
presented more two results , obtained using FCM -30. The first of
them has to do with space .

Torsion fields and information interactions - 2009

129

Fig . 7. Monitoring of a collapsing object .

Work with the space object " station MIR " was carried out according to its image
in the newspaper " Arguments and Facts ". In fig . 7 shows a record of the change in the torsion
contrast of the object during the beginning of its destruction at an altitude of about 80 kilometers from
surface of the Earth . For the young or incurious readers have to remind ,
that at one time , at the time of the heyday of our space technologies , in the orbit of the Earth
an inhabited and rather powerful station worked . She worked for more than one year , until
has developed the resource of its systems . In addition, by the end of her existence on board
which evolved - some strange biological systems , possible mold character ,
interfering with the operation of the station . It was decided to throw her into the ocean , while in
the process of decreasing the orbit began thermodynamic destruction of solar
batteries of the station , and then the whole complex . From the entry in Fig . 7 can be seen , that 08.52
Moscow time, its torsion contrast dropped sharply by 3.5 points
the scale used , which , upon further analysis , coincided with real events
according to the published chronology of the descent of the station .

The second interesting result . In fig . 8 the attention of readers is invited to the entry
time base (monitoring) of some spatial structure
(water molecules in liquid water)! I emphasize that in this experiment with
substance was the first to obtain a measuring transformation of the molecular
the structure of this substance into the temporary structure of the instrument recording without
physical contact of the test substance with TCM -030. Such is the torsion bar
chromatography has also been used to analyze more complex chloride molecules . On the
recording extreme peaks , by - apparently , correspond to hydrogen , and a central peak
oxygen in a water molecule .

Materials of the international scientific conference . Hosta , Sochi , 25-29 on August 2009 g .

130

Fig . 8. Time scan of a chemical compound .

There is another measuring tool called SADAF-08LC. He has
one tungsten sensor and two laser probes for two objects ,
switchable alternately . The change in resistance of tungsten is converted to
frequency change , and then everything follows the ideology of TCM -030 with the allocation of the
difference
counting and transferring data to a computer . The external view of the device is shown in Fig . nine.

Fig . 9. Torsimer SADAF-008LC.

When preparing the system for converting a torsion signal into an electrical
an artifact was accidentally registered , which coincides in time with the fact of death
American shuttle " Columbia ". In fig . 10 a , 10 b , 10 c , 10 d shows the group
records of changes in an unknown signal in the phase portrait format .

Torsion fields and information interactions - 2009

131

Fig . 10 a . Torsion phase portrait of X - object .

Fig . 10 b . Torsion phase portrait of X - object .

Materials of the international scientific conference . Hosta , Sochi , 25-29 on August 2009 g .

132

Fig . 10 c . Torsion phase portrait of X - object .

Fig . 10 g . Torsion phase portrait of X - object .

These figures show the results of monitoring the general torsion situation.
at the location of the sensor (X - object , Tomsk , Akademgorodok) selectively
days : Friday , Saturday , Sunday and Thursday . Disaster struck on Saturday
shuttle . During the recording this Saturday, it was possible at 16 o'clock local
time , t . e . before the event , to suggest that - something was wrong in the future . In general , with
It can be considered a reasonable probability , which is associated with this event total
the planetary change in the torsion situation affected the readings of the instrument .
It is evident , that the complex biophysical Earth for a long time , almost a week ,
relaxed from the shocks .
The SADAF-08LC device was also used to monitor the area of space
around some simple bodies : solid and hollow sphere , glass lenses
different curvatures , as well as areas of space around flat images . In fig .
11 a shows one of such records of the field near the image of a convex - concave
lenses . The characteristic oscillatory repetitions are clearly visible in this recording.
simultaneously with some deformation of the profile , due to , for - apparently ,
influence on the object of the process of its measurement .

Fig . 11 a . Scanning of the torsion - shaped field around the object image .

The capabilities of SADAF-08LC are generally quite large , in particular, received
positive results on sounding the moon in a similar way , with
using its flat image . The work was carried out at three points
aiming with a resolution of 50 km . As a result , it turns out that the moon is in the central
part has a reduced density . These results are published in [2] and are presented
in fig . 11 b assembled . The control experiment was carried out with
using a steel ball with a diameter of 30 mm as an object . Glubokogo
there is no dip in the middle of the recording .

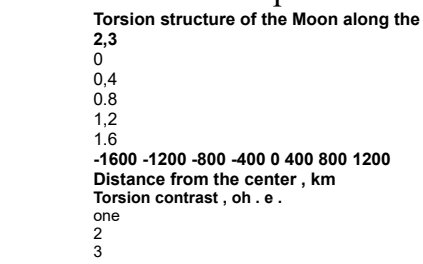

Fig . 11 b . Torsion structure of the Moon .

At present, intensive work is being carried out on a long-term temporary
monitoring of the environment with the help of a new meter " OREOL -
001+ ", fig . 12.

Fig . 12. Torsimer OREOL -001 ++

This device has a built-in CMOS sensor - chip , high-performance
power and temperature stabilizers of the sensor , AD system - conversions for
connection with a PC , an application program .
Halo 001+ has already received a number of automatic monitoring
results : weekly sweeps of the spin setting of the laboratory building
metallurgy of SCC , monitoring of the body by its image , monitoring
earthquakes with the receipt of an informational precursor some time before
real events (from 10 to 30 hours) , and so on . n .
In fig . 13 shows the results on the laboratory spin response to the arrival of

employees to work . It is evident , that on weekdays curves change the spin
the state of the laboratory of LM SKhK , starting at about 9 o'clock local time
" Fall " down , in the direction of decreasing information entropy , which
understandable : the staff came to do the job .

Fig . 13. Torsion monitoring of the laboratory building .

On weekends, this effect is insignificant , but on weekdays it has different
depth . Unfortunately , both Mondays have an incomplete record , this is due to
restarting your computer these days . In fig . 14 shows one of the results for
monitoring the earthquake in Italy on 06.04.09, which physically occurred at 05.32
Moscow time (08.32 Tomsk). Small spot size copy
permissions , unfortunately , do not convey the fine structure of recording events well .
In fig . 14, the abscissa shows the time in points , with each small division
the scale is equal to 10,000 sec . (2.777 hours). The main event took place in the neighborhood ,
marked with a red square , it was preceded by an information signal ,
marked with a red rectangle . It precedes the main event by almost
30 hours . In this experiment, the precursor structure was not unfolded in detail ,
as it was done on other records , for example , on the earthquake in Sumatra 04.16.09
or in Haiti 04.21.09. It turns out that these precursors have an extremely complex
structure , which contains , on - apparently , the encoded information
upcoming troubles for people . If it was possible to decode such
messages are predecessors , it would bring considerable benefit to the service
warning of unpleasant events . Continuing the topic, see also fig . fifteen
(Harbinger 04/19/09, approximately 18.40 Tomsk time).

Fig . 14. Monitoring of the precursor and the earthquake itself .

Fig . 15. Torsion precursor of an earthquake .

The information , the graph of which in BMP format with the best resolution is shown on
fig . 15, it is proposed to consider it a harbinger of some future event
(Possible , subsequent earthquake in Haiti 21.04.09, a magnitude of 6.5 points
on the Richter scale). She , this information , obtained complex " HALO -001+"
04/19/2009 from an unknown source . The transmission lasted for about 23 minutes , with
resolution of one element per second .

Conclusions on the stated scope of work and their results