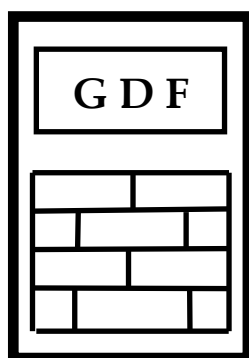


GDF DATA BANKS BULLETIN

HuPoTest – 50 years of research



VOL. 21 , No. 7

Bucharest, July 2017

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Content

	no. pages
HuPoTest – proper training and creation of simple database in view to evaluate mental improvement	3
HuPoTest – project for the complete software available for any individual user	2
About the author	1
Previous issues of GDF DATABANKS BULLETIN, Errata	4

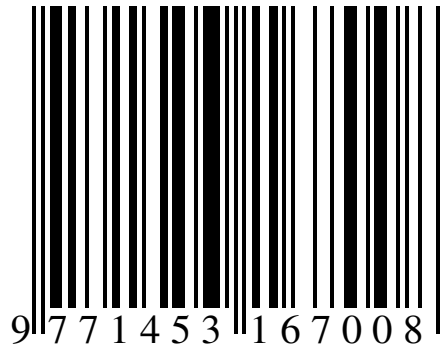
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HuPoTest – proper training and creation of simple database in view to evaluate mental improvement

It was pointed out from very beginning several important stages of HuPoTest to be followed in view to obtain efficient results both for training and self-evaluation of mind. In fact there are two main stages corresponding to (i) individual tests and (ii) the evaluation of the results obtained by a series of tests along a period of time lasting several days up to several months. The first stage was clearly explicated before [1] and in a recent project for new software complete, more efficient and accessible than the actual one [2]. First of all, HuPoTest must be carried out in rigorous conditions of quiet, free of external stimuli of any kind, physical and mental relaxation in view to remove as much possible any negative emotions originating from social coupling. These conditions are thoroughly explained by Raja Yoga = meditation technique including diet, hygiene and positive attitude as well [3]. One single test carried out by a Person Under Test (PUT) involved in usual activities i.e. strongly coupled with the social background, will show an agitated mind and governed by negative emotions. Yogis compare the mind with water in a lack: when the water is completely calm it becomes transparent. Attitude is strongly connected to the Free Will which modulates the body connection to the Primary Source or Highest Consciousness [4]. Spiritual Coupling (SC) is the parameter defining this coupling between individual mind and Primary Source by a simple math formula defining in general the quality or “figure of merit” of calibration for any measuring instrument [5-7]. In fact, HuPoTest is the calibration of PUT timer by using standard second of a digital timer with accuracy of 0.01-0.001 seconds. This was the exact procedure I applied on over 1000 PUT along 50 years of research [8]. Concerning the second stage, it is necessary to evaluate parameters of individual tests collected in a data base in view to evidence the evolution of PUT mind during training period. This is the object of the present note, namely to present a simple and clear method to retrieve this data base. In previous studies, such evaluations have been made by considering all parameters established during my research [9, 10]. Unfortunately, most of them are calculated with professional math software by mean original formulas unavailable for any PUT yet.

In the following the data base of simple parameters (see Excel template described recently [10]) obtained on me as PUT for a period of 8 days are presented in clear terms with the view to be easy applied by any one. 25 individual tests were carried out between 7am and 9 pm evenly distributed over the training period. Due by the fact that I have paid more attention to the above mentioned training conditions than in the previous training period (March-May 2014, 87 days, 28 tests), the results show an obvious improvement of mind.

Table 1 shows the affine coefficients (n_1 , m_1) of linear regressions $y_0(\Delta a)$ and $y_0(\Delta a, \text{stdev}(y_0))$ (y_0 =intercept) (Figure 1) by using a professional software. Unfortunately, the softwares available now on my website do not allow calculations of stdev values associated with affine parameters, but Excel template [10] can calculate parameters SC, y_0 , n_1 , m_1 , Δa , Δb , kurt and skew. Figures 2-5 show the variation of SC as function of some parameters having specific pattern of Probability Density Function (known as PDF) defined by parameters (μ , σ) estimated by non-linear regression also by using a professional math software. Figure 6 shows a synthesis of these parameters.

PUT has to save all sets of measured values (y_{ij}) and calculated parameters in separate worksheets of a new Excel document. These values and the graphs of $SC(y_0)$ and $SC(\Delta a)$ will evidence the pattern and the evolution of PUT mind during the training period.

[1] G.Dragan, HuPoTest - 40 years of continuous research, GDF Databanks Bull., 11(1) 2007.

[2] G.Dragan, HuPoTest – project for the complete software available for any individual user, GDF Databanks Bull., 21(7) 2011.

[3] Swami Vishnu Devananda, Meditation and mantras, OM Lotus Publishing Company, New York, 1978.

[4] G.Dragan, Topoenergetic aspects of human body, GDF Databanks Bull., 15(4) 2011.

[5] G.Dragan, Measurement and Calibration, GDF Databanks Bull., 4(2) 2000.

[6] G.Dragan, G. Dragan, Definition and assignment of some global uncertainties of measurements, 9th International Metrology Congress, Bordeaux, France, 18-21 October 1999, pp.353-356.

[7] G.Dragan, HuPoTest: four month study of a case, GDF Databanks Bull., 15(5) 2011.

[8] G. Dragan, HuPoTest databank on over 1000 PUT; HuPoTest – new attempt for self-evaluation and improvement of mental state, GDF Databanks Bull., 20(9) 2016.

[9] G.Dragan, HuPoTest: New measurements and results, GDF Databanks Bull., 17(6), 2013.

[10] G.Dragan, HuPoTest – data base correlations revealing mental pattern, GDF Databanks Bull., 21(5), 2017.

Table 1.
 $yo = n1 * \Delta a + m1$, $yo = \text{intercept (s)}$

March – May 2014 (87 days; 28 tests)			
	$yo(\Delta a)$	$yo(\Delta a, \text{stdev}(yo))$	SC
$n1, s$	$-(1.47 \pm 0.2)$	$-(1.34 \pm 0.04)$	$SC = 9.8 \pm 5 \text{ 1/s}^2$
$m1, s$	0.058 ± 0.07	0.098 ± 0.02	$\text{kurt}(SC) = -0.86 \text{ dless}$
$\text{correl}, \text{dless}$	0.89	0.87	$\text{skew}(SC) = 0.4 \text{ dless}$
14 – 21 April 2017 (8 days; 25 tests)			
	$yo(\Delta a)$	$yo(\Delta a, \text{stdev}(yo))$	SC
$n1, s$	$-(1.71 \pm 0.1)$	$-(1.65 \pm 0.04)$	$SC = 16 \pm 19 \text{ 1/s}^2$
$m1, s$	0.058 ± 0.04	0.125 ± 0.009	$\text{kurt}(SC) = 15.3 \text{ dless}$
correl	0.96	0.94	$\text{skew}(SC) = 3.6 \text{ dless}$

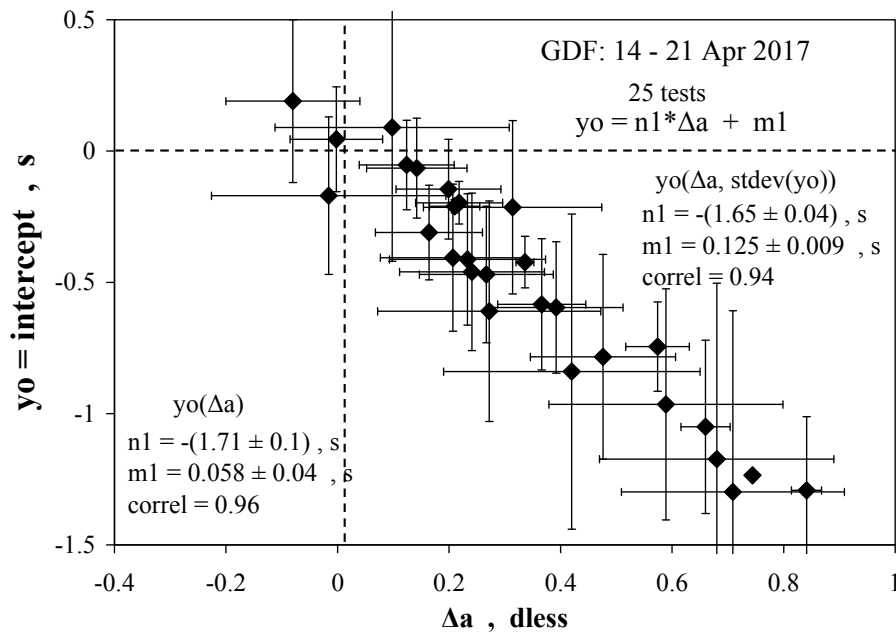


Figure 1.

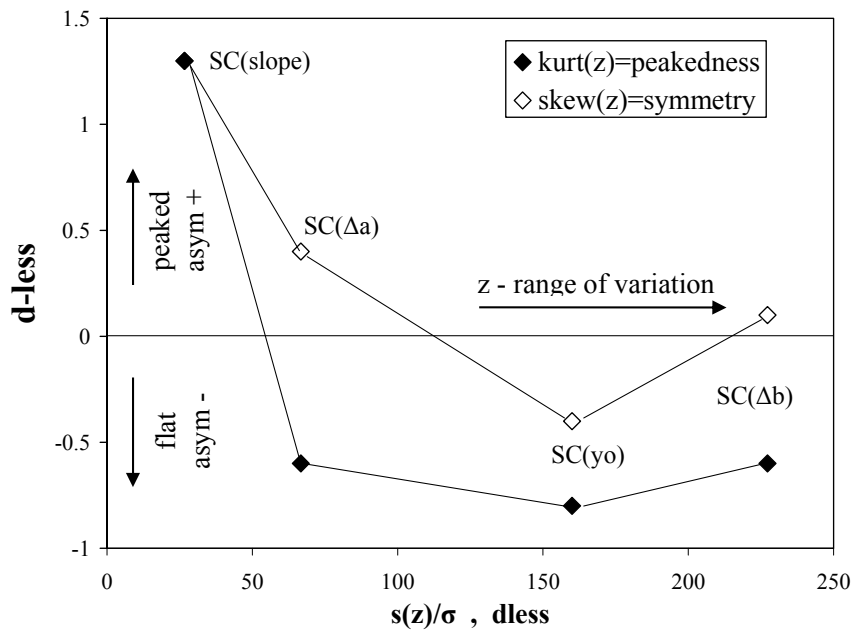
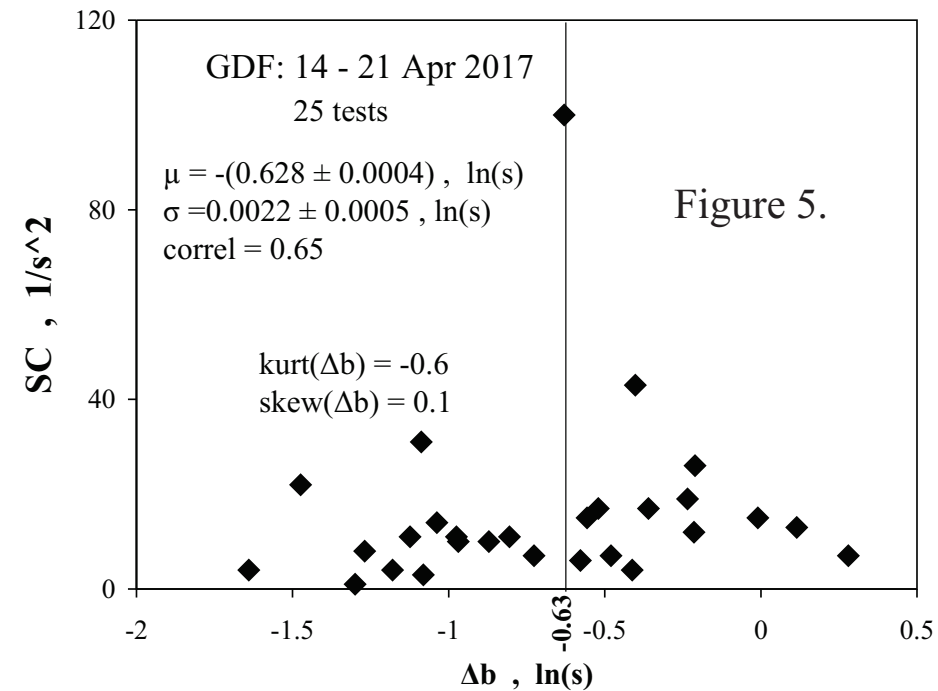
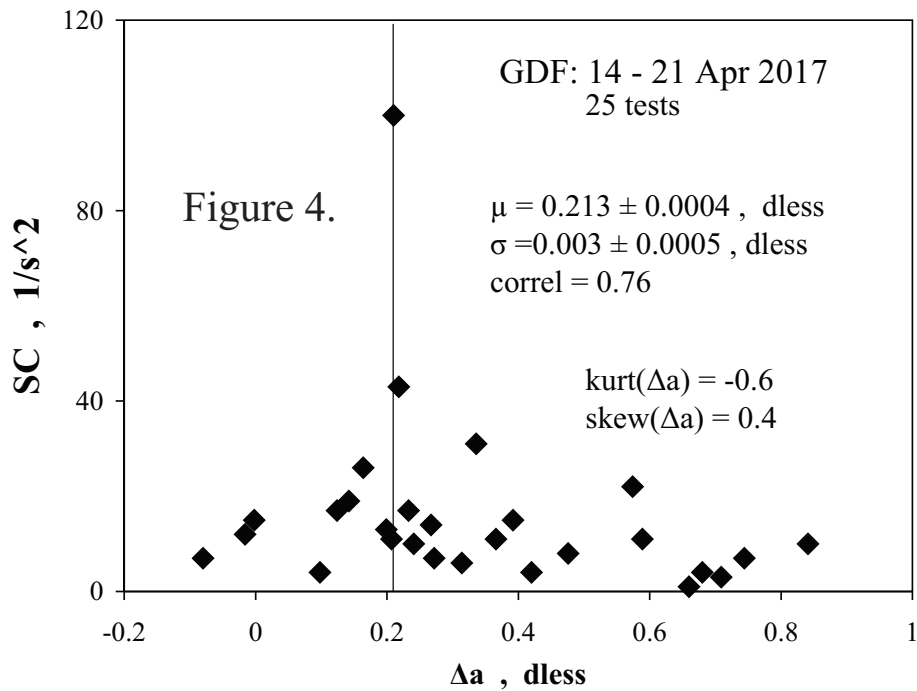
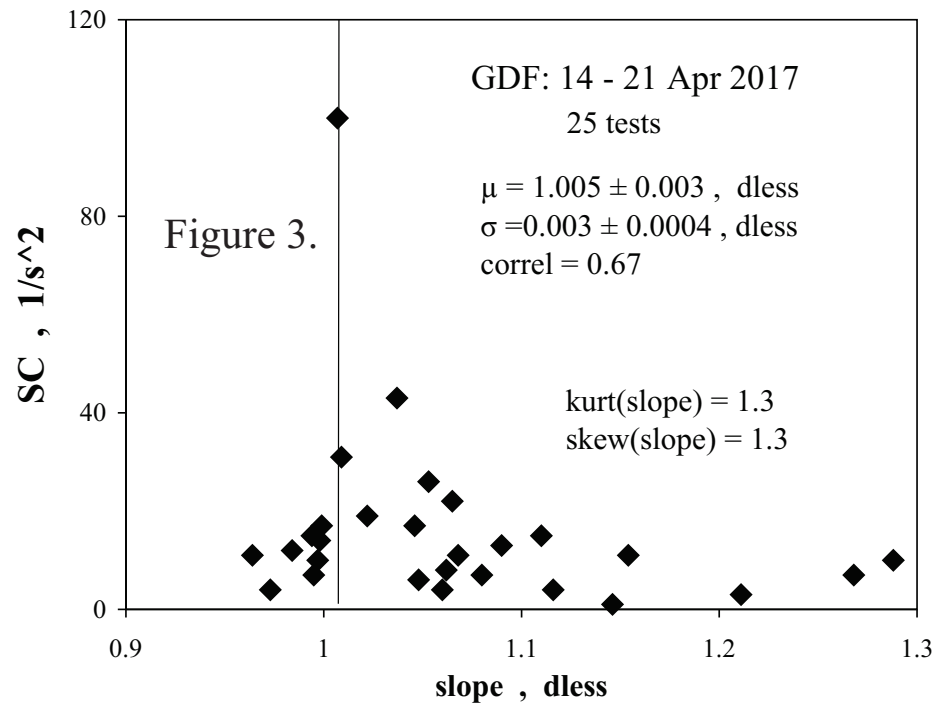
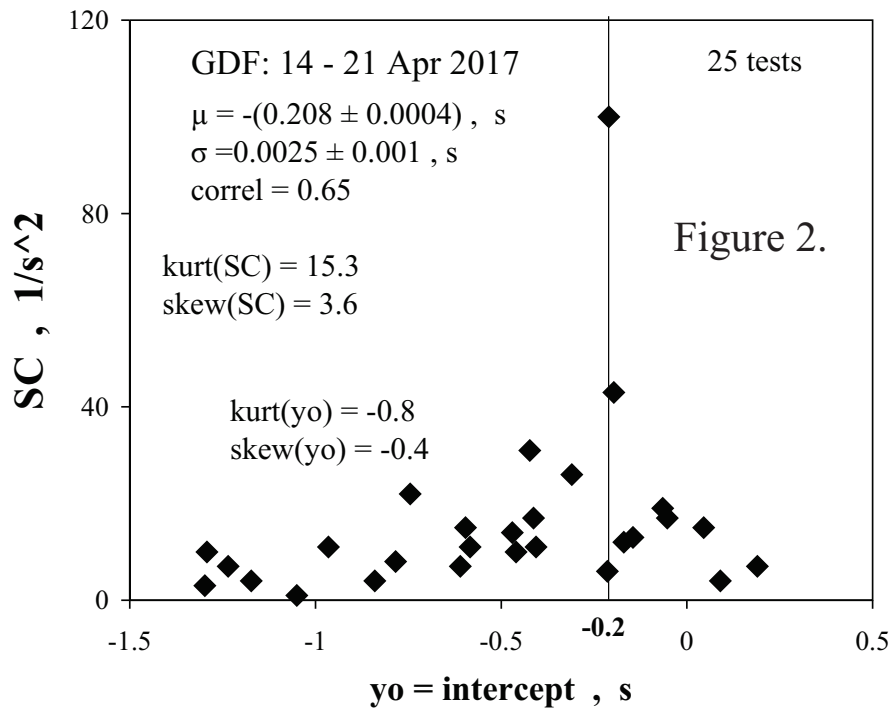


Figure 6.



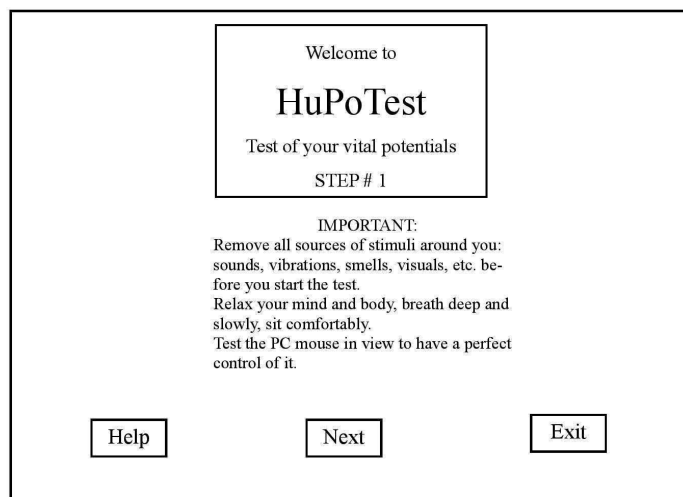
HuPoTest – project for the complete software available for any individual user

“SELF! What action should be taken? Correct thine own ways!” Edgar Cayce

After a long and intense research on HuPoTest by using a digital stop watch, I made big efforts since 2005 in finding proper procedure available for any individual by using a low cost digital gadget. In 2004 I published my book “Time-the instrument of selfish thinking” where I presented some features of HuPoTest and I distributed it to all my friends. One of them (Nicolae Stefan, Nae) just learned to work with a microcontroller and has succeeded to make an experimental device able to save yij values in cvs format and to transfer them to a PC. But, the project was stopped because in July 2005 I had to travel in Sydney to my daughter. I have contacted in Sydney several programmers, but no cooperation was finalized. In September 2008 I came back in Bucharest and Nae recommended to a common friend (eng. Dan Popovici) to help in creating software in Visual Basic version 3.0 under Windows 32 bit. DP contacted me and made the offer to teach me working with this programming language. I have created the flow chart and a selection of parameters with their math formulas and in short time we succeeded to finalize HuPoTest software posted as free on my website. Unfortunately, this software became shortly as unavailable for almost all computers because new platforms on 64 bit were developed. Additionally, only few simple parameters are calculated by it. However, it is simple and good procedure to obtain and save yij values for further retrieval and to evaluate at a glance the mental state by using any Windows platform on 32 bit.

In the latest months I have found up about new opportunities offered by producers of professional math softwares. Older versions of them I have used for calculation of established parameters by using sophisticated original formulas. New offer consists in creating dedicated softwares in proper programming languages and users can work with them downloading a special freeware, not necessarily to have installed the expensive basic math softwares. Matlab seems to be the most appropriate professional math software to develop such project. There are several unsolved aspects yet in finalizing it, namely I have no money and time for that. On the other hand, it is not my personal benefit. My intention was from very beginning to give it as free and to guide people for no obligation, especially the young ones, to handle properly HuPoTest and its results.

I present bellow the flow chart of complete individual HuPotest in 7 steps. I will give the exact formulas for all parameters. In the frames are shown the exact screen images with data, active buttons and instructions easy to follow. I am expecting that after continuous efforts in revealing HuPoTest benefits, someone succeeded to create at least the first 4 steps in obtaining and saving yij values including for mobile phones and/or tablets. Further retrieval can be made by using the free Excel template available on website and/or more free assistance by request.



HuPoTest

STEP # 2
Accommodation with real seconds
Count up to approximately 60 seconds
by following the blinking circles

Help
Next
Exit

The two circles are blinking subsequently at 1 second each.

HuPoTest

STEP # 3
Measurement of y_{ij} values

Real seconds, x_j	5	10	15	20
Measuring y_{1j}	*			
y_{2j}	*			
y_{3j}	*			
y_{4j}	*			
y_{5j}				
y_{6j}				
y_{7j}				
y_{8j}				

START (STOP)
Remove the last measured value.

Help
Next
Quit

You can remove and measure again only one value on each column. The arrow shows the column of current measurements. All measured values are mentioned by * at this stage. "Quit" button moves test to step #1.

HuPoTest

STEP # 4
Measured y_{ij} values

Date: 28-01-2017; HOD: 10:19:22

Real seconds, x_j	5	10	15	20
y_{1j}	6.019	12.448	15.022	23.245
y_{2j}	4.619	12.695	16.568	20.058
y_{3j}	5.822	11.743	13.421	20.586
y_{4j}	6.278	10.335	13.197	21.688
y_{5j}	5.880	11.687	14.822	17.980
y_{6j}	6.603	11.698	15.446	20.798
y_{7j}	6.591	10.695	15.102	21.440
y_{8j}	6.114	10.751	15.799	20.411

$y_j = \text{average}(y_{ij})$	5.99	11.51	14.92	20.78
stdev	0.63	0.85	1.14	1.51

Help
Next
Quit

At this step y_{ij} , y_j = average, stdev values, the date and HOD when measurements have been finished are displayed. HOD = Hour of the Day.

HuPoTest

STEP # 5
Graph

Date: 28-01-2017; HOD: 10:19:22

Help
Next
Quit

HuPoTest

STEP # 6
Calculated parameters

Date: 28-01-2017; HOD: 10:19:22

Slope	0.957 ± 0.07
Intercept	1.34 ± 0.7
Correl	0.995
SC	0.9
AP1	19.1
AP2	-73.6
a=AP1-AP2	92.7
M	44.56
PS	21.20
K21	5.7593
K23	39.7781
Δa	-0.98 ± 0.4
Δb	3.07 ± 1

Help
Next
Quit

HuPoTest

STEP # 7
SAVING DATA

Date: 28-01-2017; HOD: 10:19:22

SAVE yij values name

SAVE graph name

SAVE parameters name

Names must contain maximum 20 characters

Help
New Test
Exit

y_{ij} values, graph and calculated parameters can be saved in a special folder under different or the same name, but with different extensions. Each one has automatically the date & HOD on it. These documents can be converted in pdf and exported and/or transferred in doc and/or xls.

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publications	<ul style="list-style-type: none">● >100 scientific papers● >70 scientific communications● 17 patents● 5 books
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GDF DATABANKS BULLETIN, VOL.21, NO.7, 2017
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Previous issues of GDF DATABANKS BULLETIN

Year	VOL	NO	Content (titles)	(\$*)
1997	1	1	Editorial: Databanks – the compulsory language. LOGKOW – a Databank of evaluated octanol-water partition coefficients (James Sangster). Solubility behavior introducing topoenergetic working principles. Comments on 1-octanol-water partition of several n-alkane related series.	F
1997	1	2	Guide of good practice in metrology (Romanian)	AFI
1998	2	1	Editorial: socio-psychological implications in creation and utilization of a databank (Ioan-Bradu Iamandescu); Behavior in vapor-liquid equilibria (VLE): I. Structural aspects; Behavior in vapor-liquid equilibria: II. Several structures in databanks; Symposium on VDC-4 held on 30 October 1997 at Lubrifin-SA, Brasov (Romania).	F
1998	2	2	Practical course of metrology (Romanian)	AFI
1998	2	3	DIFFUTOR-01: Thermally driven diffusion in pure metals	AFI
1998	2	4	VAPORSAT-01: Databanks of thermally driven VLE. The first 100 simple molecules	AFI
1999	3	1	Editorial: New trends in material science: nanostructures (Dan Donescu) DIFFUTOR: Databanks of diffusion kinetics. VAPORSAT: Databanks of vapor-liquid separation kinetics.	F
1999	3	2	Discussions on Applied Metrology	AFI
2000	4	1	Editorial: Laboratory accreditation and inter-laboratory comparisons (Virgil Badescu) Doctoral Theses – important data banks. GDF intends to open new series of experiments on thermo-physical properties. Some comments on uncertainty: global budget and DFT analysis. Events: The 9 th International Metrology Congress, Bordeaux, France, 18-21 October 1999.	F
2000	4	2	Measurement and Calibration.	AFI
2001	5	1	Editorial: Metrology ensures moral and technological progress. Topoenergetic aspects of amorphous-crystalline coupling. I. Composite behavior of water and aqueous solutions (paper presented at nanotubes and Nanostructures 2001, LNF, Frascati, Rome Italy, 17-27 October 2001). Events: Nanotubes and nanostructures 2000.School and workshop, 24 September – 4 October 2000, Cagliari, Italy.	F
2001	5	2	Editorial: Viscosity – a symptomatic problem of actual metrology. Visco-Dens Calorimeter: general features on density and viscosity measurements. New vision on the calibration of thermometers: ISOCALT® MOSATOR: Topoenergetic databanks on molten salts properties driven by temperature and composition.	F
2002	6	1	MOSATOR-01: Topoenergetic databanks for one component molten salts; thermally driven viscosity and electrical conductance.	AFI
2002	6	2	Editorial: HuPoTest - Operator calibration or temporal scale psychic test. MOSATOR: topoenergetic databanks of one component molten salts; thermally driven viscosity and electrical conductance.	F
2002	6	3	Editorial: Quo vadis Earth experiment? ISOCALT® : Report on metrological tests	F
2003	7	1	Editorial: Time – an instrument of the selfish thinking. 1 st NOTE: Homoeopathy: upon some efficient physical tests revealing structural modifications of water and aqueous solutions. I. Mixing experiments.	F
2004	8	1	Metrological verification and calibration of thermometers using thermostats type ISOCALT® 21/70/2. Metrological verification and calibration of thermometers using thermostats type ISOCALT® 2.2R.	F
2004	8	2	Aspects of correct measurements of temperature. I. measurement of a fixed point according to ITS-90. Physics and Homoeopathy: some physical requirements for homoeopathic	F

			practice.(Plenary lecture at the 19 th SRH National Congress, 21-22 September 2004, Bucharest, Romania)	
2005	9	1	AWARD for ISOCALT® at the International Fair TIB-2004, October 2004, Bucharest. ISOCALT® 3/70/21 was awarded in a selection of 20 products by a commission of experts from the Polytechnic University of Bucharest. Upon some aspects of temperature measurements. (12 th International Metrology Congress, 20-23 June 2005, Lyon, France)	F
2005	9	2	A new technique for temperature measurement and calibration. National Society of Measurements (NSM). Important warning for T-calibrator users: MSA has chose metrology well calibrators from Fluke (Hart Scientific).	F
2005	9	3	Universal representation of Cancer Diseases. 1. First sight on NSW-2003 report. Universal representation of Cancer Diseases. 2. UK cancer registrations on 1999-2002. Vital Potential can estimate our predisposition for cancer diseases.	F
2006	10	1	NTC – thermistors -1	AFI
2007	11	1	HuPoTest - 40 years of continuous research Basic rules for preventing and vanishing cancer diseases Climate change = change of mentality Hot nuclear fusion – a project of actual mentality	F
2007	11	2	MT – Introduction to Mental Technology HuPoTest – general procedure, assignments of results, specimen of complete test, order and obtain your complete HuPoTest report	F
2007	11	3	TRESISTOR© - data banks of materials with thermally driven electric and magnetic properties TRESISTOR© - NTC -1 - data bank of NTC thermistors	AFI
2008	12	1	Australian population: life, death and cancer	F
2008	12	2	Pattern of Cancer Diseases	F
2008	12	3	Adiabatic calorimetry – summary description of the demo prototype	F
2008	12	4	Flight QF 30 and even more... Temperature calibration of NTC-thermistors. 1.Preliminary results.	F
2009	13	1	Proposal for interlaboratory comparisons. Calibration of NTC-thermistors (The 14 th International Metrology Congress, Paris, France, 22-25 June 2009).	F
2009	13	2	Sudoku – un algoritm de rezolvare. (Sudoku – an algorithm for solution).	AFI
2009	13	3	Cancer and Diabetes – as social diseases. (Open letter to all whom it may concern).	F
2010	14	1	Studies on cement hydration by High Resolution Mixing Calorimetry (HRMC).	F
2010	14	2	Measuring tools for subtle potentials; pas-LED: an efficient measuring tool for subtle potentials.	F
2010	14	3	Upon some features of cancer in Australia: 1982 – 2006.	F
2010	14	4	Cancer as an erosion process in human society.	F
2010	14	5	Cancer erosion in Australian human society: 1982 – 2006.	F
2010	14	6	Cancer erosion in German human society:1980-2008.	F
2011	15	1	Procedures and devices for energy and water saving. (I) (in Romanian).	F
2011	15	2	Structural and relativistic aspects in transforming systems. I. Arrhenius and Universal representations of thermally driven processes.	F
2011	15	3	Topoenergetic aspects of water structuring as revealed by ac electric conductivity.	F
2011	15	4	Topoenergetic aspects of human body	F
2011	15	5	HuPoTest: four month study of a case	F
2012	16	1	DTA study of water freezing. I. Upon some aspects of repeatability.	F
2012	16	2	DTA study of water freezing. II. Statistical features on one week of experiments.	F
2012	16	3	DTA study of water freezing. III. New facts on daily mental field.	F
2012	16	4	Mental field and state of health. Câmpul mental și starea de sănătate.	F

2013	17	1	DTA study of water freezing. IV. New facts on energy circuits.	F
2013	17	2	DTA study of water freezing. V. Effect of a mental antenna	F
2013	17	3	AC electric conductivity of untreated and mentally treated electrolyte aqueous solutions.	F
2013	17	4	DTA study of water freezing. VI. Mental field in a working day.	F
2013	17	5	DTA study of water freezing. VII. More statistical features on one week of experiments.	F
2013	17	6	HuPoTest: New measurements and results	F
2013	17	7	Time as unique base quantity. (Proceedings of the 16th International Congress of Metrology, 7-10 October 2013, Paris, France).	F
2013	17	8	Eurovision song contest. I. Basic social aspects	F
2013	17	9	Mental field-water interaction as evidenced by Isothermal Convection Flow Calorimetry (ICFC). I. ICFC description and preliminary results.	F
2013	17	10	1. Procedure for defining standard liquids for viscosity based on topoenergetic principles. 2. Topological aspects of flow and deformation in polymer composites, The VIII-th International Congress on Rheology, 1-5 September 1980, Naples, Italy, pp. 375-376. 3. Universal representation of flow behavior based on topoenergetic principles, The IX-th International Congress on Rheology, 8-13 October 1984, Accapulco, Gro. Mexico, pp.369-376. 4. Comments on "Universal representation of flow behavior based on topoenergetic principles", The IX-th International Congress on Rheology, 8-13 October 1984, Accapulco, Gro. Mexico, pp. 369-376. 5. Open letter to BRML and INM.	F
2014	18	1	Adiabatic calorimeter as high accuracy T-calibrator	F
2014	18	2	Mental field-water interaction as evidenced by Isothermal Convection Flow Calorimetry (ICFC). II. Effect of convection flow power.	F
2014	18	3	Eurovision song contest. II. Copenhagen, Denmark 2014 and some more features on social mentality.	F
2014	18	4	The 38 th Congress of American-Romanian Academy (ARA) of Arts and Sciences, 23-27 July 2014, Pasadena, California, USA	F
2015	19	1	Gold versus money. 1. An overview on main financial figures of world countries.	F
2015	19	2	Gold versus money. 2. Rich, middle and poor countries.	F
2015	19	3	High Resolution Mixing Calorimetry (HRMC) redivivus. 1. General presentation and heat capacity measurements.	F
2015	19	4	High Resolution Mixing Calorimetry (HRMC) redivivus. 2. Structure developing of aqueous solutions by mixing experiments.	F
2015	19	5	High Resolution Mixing Calorimetry (HRMC) redivivus. 3. Calibration	F
2015	19	6	Evidence of human mental field by ac-electric conductivity in electrolyte solutions. 1. Bio-energy.	F
2015	19	7	High resolution mixing calorimetry redivivus.IV. Specific heat of crystalline phase of water. WPA2015: International Congress of World Psychiatric Association, Primary care mental health: innovation and transdisciplinarity, Bucharest, 24-27 June 2015, ROMANIA	F
2016	20	1	Quo vadis population growth on planet Earth: more details	F
2016	20	2	Structural aspects revealed by topoenergetic view on ac electric conductivity in HCl/(water + organic solvent)	F
2016	20	3	Stability of amorphous-crystalline coupling in electrolyte aqueous solutions in relation to interaction with bio-fields	F
2016	20	4	Efficient, simple and cheap outdoor extension of exhausting system using Bernoulli and thermal convection effects applied for air forced boilers on natural gas	F
2016	20	5	Good quality home made soap in high efficient conditions	F
2016	20	6	Interaction of quartz crystals with bio-fields. I. Preliminary experiments on commercial quartz oscillators.	F
2016	20	7	Interaction of quartz crystals with bio-fields. II. Differential measurements on pairs of commercial quartz oscillators.	F

GDF DATABANKS BULLETIN, VOL.21, NO.7, 2017
ISSN 1453 - 1674
Previous issues of GDF DATABANKS BULLETIN, (continued)

2016	20	8	Interaction of quartz crystals with bio-fields. III. Quartz selection and their significances.	F
2016	20	9	HuPoTest – new attempt for self-evaluation and improvement of mental state	F
2017	21	1	Interaction of quartz crystals with bio-fields. IV. Rough estimation of reproducibility	F
2017	21	2	Interaction of quartz crystals with bio-fields. V. Closer look on quantitative estimations	F
2017	21	3	Interaction of quartz crystals with bio-fields. VI. Influence of Moon phases	F
2017	21	4	HuPoTest – 50 years of continuous research and attempts to make it as efficient self-evaluation and improving procedure for mental state HuPoTest – read this first Message to the organizers of the snn2016 Conference (http://snn2016.snn.ro/) and to all whom it may concern HuPoTest – an efficient test and training procedure for mental and health state (Abstract for World Congress of Mental Health, New Dehli, INDIA, November 2-5, 2017) Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. VII. Dielectrics with high oriented crystalline structure.	F
2017	21	5	Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. VIII. Dielectrics with high oriented crystalline structure. HuPoTest – data base correlations revealing mental pattern.	F
2017	21	6	Upon some features of global economic structure Eurovision song contest 2017	F

*) F=free, AFI=ask for invoice.

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