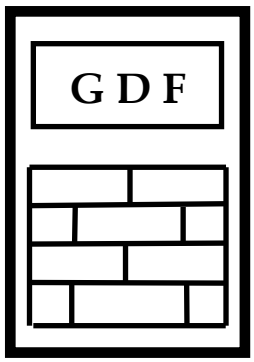
GDF DATA BANKS BULLETIN



VOL. 18 , No. 4

Bucharest, August 2014

ROMANIA

GDF DATABANKS BULLETIN, VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Content

ISSN 1453 - 1674

9 771453 167008

This Bulletin is registered at:
- Biblioteca Nationala a Romaniei, Bucharest and
- National Library of Australia, Canberra

www.gdfdatabanks.ro

GDF DATABANKS BULLETIN , VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

ISBN: 978-1-935924-17-3
http://www.ara-as.org/index.php/proc/issue/view/105/showToc
www.americanromanianacademy.org

GDF DATABANKS BULLETIN , VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Program of the 38th Annual Congress of the American-Romanian Academy of Arts and Sciences, 23-27 July 2014, Pasadena, California, USA
http://www.ara-conf.org/program.htm

Wednesday July 23 Welcome

Venue: Caltech Athenaeum - Library 6pm -9pm Registration –
Welcome Cocktail.

Thursday July 24 Day 1 of Sessions

Venue: Caltech Dabney LoungeMorning:
9:00 am Opening SessionWelcome address by Mr. Eugen Chivu - Consul General of Romania in Los Angeles
9:30 am: Keynotes
9:30 Prof. Basarab Nicolescu:The need for Transdisciplinarity in Higher Education
10:20-10:40 Break
10:40 Keynote Prof. Gheorghe Mateescu: Flying with Eagles: a Tale of Four Countries.
11:20-12:20 Round Table - "Dialogue of Cultures" Moderator Basarab Nicolescu – speakers: Adrian Stoica; Domnita Dumitrescu; Ileana Costea; Gheorghe Dragan.

Afternoon:12:20-1:30 Lunch break
1:30pm Tour of Jet Propulsion Laboratory
3:30pm Poster Session and Exhibition of Art and Science
5:30pm ARA General Assembly

Friday July 25 Day 2 of Sessions

Venue: Caltech Dabney Lounge Morning
9am Keynotes and Invited Talks
Afternoon12:00-1:30 Lunch break
1:30 Afternoon - Oral Presentations
3:30pm Poster Session and Exhibition of Art and Science
6:30pm: Banquet: Caltech Athenaeum

Saturday, July 26, Invited Talks

Venue: Caltech Dabney Lounge Invited Speakers - a Ted-styled event
Panel on Business and Entrepreneurship Moderator: Jacob Segal
Saturday afternoon/eve -Old Town Pasadena - walking tour and dinner

Sunday, July 27, Social Program Visits to Places of Interest in Greater Los Angeles (Candidates include various Los Angeles Museums such as the Getty, Norton Simon, Huntington, walking tour of Hollywood - Ave of the Stars)
Sunday, July 27 to Tuesday, July 29: Trip to Las Vegas and Grand Canyon

GDF DATABANKS BULLETIN , VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Table of Contents

Proceedings of the 38th Annual Congress of the American-Romanian Academy of Arts and Sciences, 23-27 July 2014, Pasadena, California, USA

GDF DATABANKS BULLETIN , VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Evidence of Human Mental Field*

Gheorghe DRAGAN
Pensioner, Str.Abrud 25, Bucharest 01135, ROMANIA
www.gdfdatabanks.ro; dragan_gdf@yahoo.com

1. Introduction

From July 2005 I had to spent several years in a suburb of Sydney, Australia at home of my daughter's family. There were some new habits I had to accustom, especially in connection with water and food. Tap water had a strange taste for me, so I decided to make some structural analyses taking into account my prior experience and original results on water and aqueous solutions [1]. I brought with me from Bucharest some measuring instruments, electronic components, tools and different special materials with the view to continue my hobby. I was able to build up a series of isothermal calorimeters (Differential Thermal Analyzers, DTA) more and more accurate in view to measure the induction time, ti, of tap water freezing. The aim of these experiments was to evaluate structural parameters from the kinetic equations previously established.

In the particular case of freezing process of tap water evidenced by DTA technique, I was greatly surprised to obtain a huge dispersion of ti values for the same freezing temperature and same tested sample, so I was not able to establish the above mentioned structural parameters. However, after a careful study and removing of sources of experimental errors I was able to establish that this process is mainly driven by Human Mental Field (HMF) as potential in competition with temperature. Furthermore, HMF strongly interacts with highly oriented materials where an inductive coupling between two phases exists. This interaction was subsequently evidenced also in other composite systems by using different and specific analytical techniques.

The main experimental steps are presented bellow in view to evidence the HMF effect on water freezing process.

1 Experimental

1.1 Short description of DTA technique

The DTA device and procedure was recently described [2]. All experiments were performed at $-(20 \pm 2)\ ^0C$ by using a 5 L container with cooling mixture of crushed ice and cooking salt thermally insulated in an outer 20 L container which ensures a temperature variation under $1\ ^0C/10$ hours. Differential temperature sensors were glued on a disk (approximately 40 mm in diameter) made from different materials. The water specimen (10 μL) was placed on the one temperature sensor with the help of a microsiringe of 10 μL. I have used separately thermocouples, NTC-thermistors and diodes as differential temperature sensors. Diodes (1N4148) gave the best results. The disk was made from: a thin sheet of cold rolled polyethyleneterephtalate (PET) and separately from copper plated printed circuit board (PCB) based on fiberglass and cross linked resins.

The disk assembly was transferred from room temperature to freezing temperature, so that this made a good thermal contact with a brass block inside the cool recipient by using some drops of paraffin oil. The DTA signal was recorded on a 16 bit data acquisition logger and subsequently processed on computer.

A series of separate experiments were performed with 4 DTA sensors symmetrically disposed on the same disk in view to evidence an eventual mutual interaction between specimens during simultaneous freezing as in the case of annealing polyethylenes.

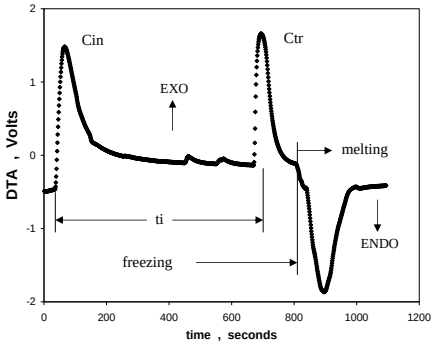


Figure 1.

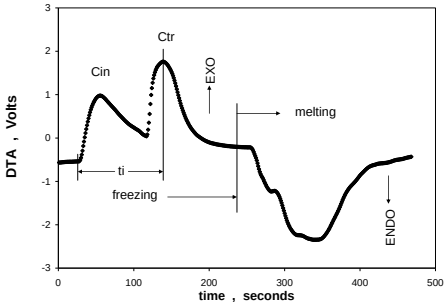


Figure 2.

Figures 1 and 2 show typical DTA-thermograms obtained for two specimens from the same water sample. The freezing process is continued by melting after transferring the DTA assembly at room temperature. It can observe the splitting of melting endotherm as it was carefully studied in a series of previous experiments [1] which defines the amorphous-crystalline coupling. It has to be mentioned that data logger is switched on 20 seconds before the transfer of DTA assembly at freezing temperature considered as the real zero time of experiment from which ti was measured.

Cin – the inert component appears as an instant exothermal process, while the Ctr – transforming component associated to the crystalline phase is delayed at ti.

1.2 Water samples

The tested samples of tap water were boiled for several minutes, poured in a glass ampoule of 25 mL and quenched at room temperature. This treatment was established in view to remove the dissolved air and the prior structural memory. Samples were prepared just before the experiment series in one day usually from 8 am to 7 pm. Several separate experiments were carried out early in the morning and evening late or during the night.

After I established that HMF is an important potential for water freezing process and also the interaction of this field with oriented materials, I have built up a mental antenna for mental treatment of water sample prior to test it. This mental antenna was made from a bundle of fishing line with one end coiled and fixed with a head set on the parietal side of my head. The other end was put in the water sample.

Some samples were additionally succussed according to homoeopathic procedure and other ones were kept in a polypropylene (PP) ampoule obtained by injection molding.

1.3 Location of experiments

The experiments were performed in a one family house located in a suburb (Minchinbury) at approximately 40 km from the Sydney Central Business District (city) which is approximately half distance on the main development direction between Blue Mountains (west) and city (east). This direction has three parallel traffic ways: railway and two highways (Great Western and M4).The house is located between the two highways (at 380 and 630 m, respectively) and 1.6 km from the railway. During working days the traffic of commuters on the three ways has maximum values at around 8 am and after 3 pm. The morning traffic is concentrated on a considerably smaller time interval than the afternoon one, so that the commuter flow = (commuter no./time unit) in the morning is considerably greater than the afternoon one. Between these traffic maxima the house surrounding is practically empty of

people and I was alone on an area of at least 10 km in diameter.

1.4 Mental state evaluation

My mental state was periodically evaluated by HuPoTest in view to estimate my own HMF [3] as permanent background component. HuPoTest is a mental test and training procedure as well, progressively developed by continuous research work over 40 years [3].

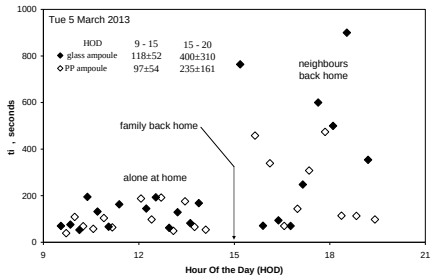


Figure 3.

Figure 3 shows typical results of ti obtained in a working day with one DTA on PET disk.

2. Conclusions

1. HMF interacts practically with any composite material, but plays a more important driving potential if exists a strong coupling between HFM (source) and tested specimen (target).

Highly oriented materials as cold rolled sheets (PET), uniaxially cold drawn yarns (fishing line) and steady convection flow were proved as good conductive materials/antenna for HMF. PCB disk as support for DTA has also a composite structure, but randomly oriented and the effect of HMF vanishes on water freezing process, so it was possible to estimate the structural parameters.

2. The HMF of an agitated crowd of people can inhibit the water freezing, while a steady mental state allows a rapid freezing process. This made the important difference between the effect of commuter flow in the morning going to work resulting in low ti values and the commuter flow after work characterized by agitated HMF and great ti values. That difference appears to be important so as much the flow in the morning is considerably greater.
3. Homoeopathy practice and Mpemba effect [4] may be substantiated by HMF interaction on water.
4. Simultaneously freezing specimens mutually interact.
5. HMF acts as other fields, i.e. its effect vanishes with distance between the source and target.

References

[1] G. Dragan, Acta Polymerica, 38.(1987). 211, 270, 467.

[2] G. Dragan, GDF Databanks Bull., 16(1). (2012).1.

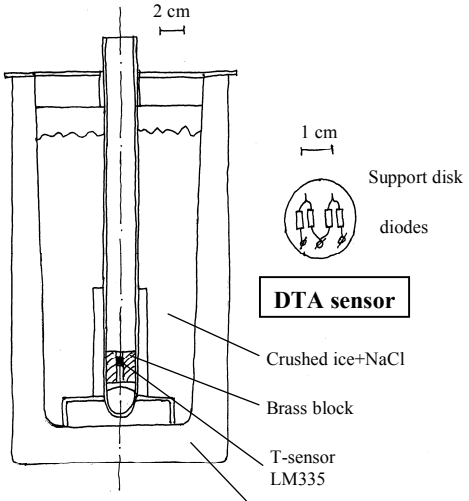
[3] G. Dragan, Definition and assignment of some global uncertainties of measurement, The 9th International Metrology Congress, Bordeaux, France, 18-21 October 1999, p.353-356; GDF Databanks Bull., 3(2).(1999).1; GDF Databanks Bull.,15(5).(2011).1; 17(6).(2013).1.

[4] E. B. Mpemba, D. G. Osborne, *Phys. Educ.*, **4** (1969) 172-175.

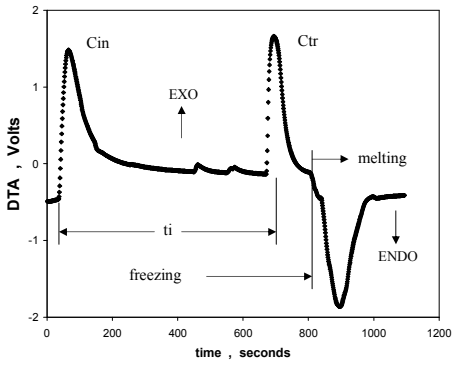
The 38th American-Romanian Academy Congress, 23-27 July 2014, Caltech, Pasadena, CA, USA

Evidence of Human Mental Field

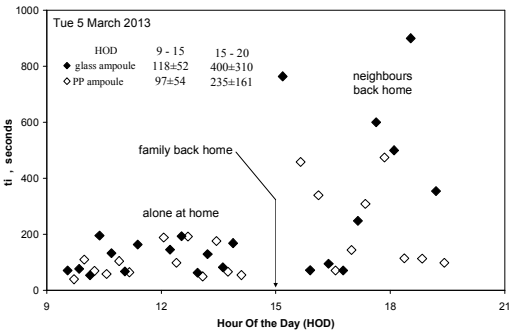
Gheorghe DRAGAN,
pensioner, www.gdfdatabanks.ro



Freezing cryostat



Typical DTA-thermogram.



Typical ti (HOD) spectrum obtained in a working day.

Initial purpose of experiments: to estimate structural parameters of Sydney-Australia tap water in comparison with Bucharest's ones.
Experimental procedure: measurement of the freezing induction time, ti, at different freezing temperatures by stepwise Differential Thermal Analysis (DTA) (typical procedure established on topological principles).
Unexpected observation: Huge dispersion of ti values obtained in highly accurate repeatable conditions.
New objective: to find out the new potential driving freezing process, so that many experiments were performed at the same freezing temperature majority of them at the maximum variation between (-20.5 to -19.5) °C /10 hrs. Experiments were extended on the period of July 2005 – April 2013.

Location of experiments: One family house in a place of suburb of Sydney located at approx. half distance between W(Blue Mountains)-E(city) highly populated by commuters on two highways and railway (all parallel) at around 8 am and after 3pm in working days. All experiments were performed in the same place of the house.

1st important observation: after a period of approx. 3 months of experiments when I was as alone at home in the interval of 8 am-3 pm, ti attained a low and constant average and dispersion values. It was as I succeeded "to tame" the water and/or water "tamed" me.
2nd important observation: when my daughter and grandchildren were getting back home after 3 pm ti average and dispersion "exploded" at high values and vanishes after a while. It was the first time I realized the direct relationship between ti and mental state. I continued to evaluate and train my own mental state with HuPoTest as permanent background component.
3rd important observation: when I was as alone home and the rest of family was gone in holiday, in the working days I observed ti values and dispersion systematically considerably increased after 3 pm in relation with commuter flow after work.
4th important observation: the influence of mental field on water freezing considerably depends on the structure of the support disk of DTA sensor, namely: oriented composite structures act as an antenna and good conductive media of mental field. I used a direct antenna of my own mental field made from fishing line with one end coiled around parietal head side and the other one immersed in water sample. Positive results!
5th important observation: simultaneous DTA experiments with 4 DTA sensors on the same disk support showed strong mutual interaction between them.

Similar experiments were extended on water and aqueous solutions by using other analytical techniques. Positive results!
CONCLUSION: Experiments must be repeated on many simultaneous DTA and experimental locations in relation with more extensive evaluation of mental fields and materials/media between mental source and target specimens.

GDF DATABANKS BULLETIN, VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Contribution speech to the Round Table "Dialogue of Cultures" (the 38th ARA Congress):

„Science – the unique source of information?"

Cultures are mainly developed around traditions naturally transmitted along generations. NO TRADITION = NO CULTURE. Tradition is like genetic heritage in the evolution of human communities. So, traditions based on religious principles are the most powerful and resistant to social changes. Dialogue of cultures is a good chance for constructive dialogue of religions while direct confrontation of religions produces bloody conflicts. However, it is essentially to point out traditions of all human communities have the same basic seed and this defines the human nature.
Recent official statistics assume that over 90% scientists of all times are living today. Unfortunately, present science represented by this huge human force has a de-structuring effect on traditions and represents one of the main disadvantages of globalization.
The basic mechanism of this de-structuring process consists in the fact that contemporary scientists deny real facts and promote fake products by using means without elementary ethics in view to sustain personal, economic and/or political goals. These aspects belong to the above mentioned human nature.
I am sure all of us have examples and experiences with so called "scientific benefits", but, I would like to mention shortly only two suggestive examples.

Food is our basic habit strongly connected with traditions and cultures. In 1960 all flavors and dyestuffs used in food industry in Romania were natural and now all of them are synthetic. Fresh meat is embalmed with chemicals since animals are alive. Genetically modified organisms replace more and more traditional plants and animals. For instance, traditional capsicum does not exist any more. My grandma was using to show me Jesus face on the wheat grains. This symbol disappeared on the new species genetically modified. The result of these scientific conquests is that **traditional tastes and smells have been disappeared** and the most important consequence is that human mind is affected in irreversible manner. Dramatic increase of mental disorders affects especially young people under age of 30. In Australia already exists a special department devoted to mental health. My grandchildren born and grown in Australia have visited two years ago Romania and I tried to offer to them traditional fruits, veggies and meat products not available in Australia. Surprise: they preferred only Cola, crackers, chips, McDonalds, KFC, namely products of globalization.

The second example is about metrology. Metrology is the science of measurements. Human activities from very beginning were based on measurements. **To have a measure of all things is the basic common sense recognized in almost all**

popular traditions. Metrology must be present in all human activities. Each country has a national measurement institute devoted to keep basic measurement standards of most used quantities. I don't want to discuss on how these institutions are organized (anyhow they spend a lot of money with very low efficiency), but I have met top scientists at important conventions confusing metrology with meteorology. In particular, viscosity – one of the most important quantities in industry has no metrological basis. There are two papers proved as fraudulent although were published in "prestigious" magazines, defining water as basic standard. The fact is that all metrological institutes, especially the German one and all international organisms synchronizing the world wide metrology are responsible for this fraud. I have studied thoroughly the problem of viscosity and I have the right solution to solve the problem, but no metrological institute is interested for cooperation. I hope you guessed why. Details are described in my book which I brought some copies with me here and also on my website.

In conclusion, we have to observe that cultures are preserved as are held away from present science which filters and distorts natural and traditional facts. After long experience I consider these actions as dictated by human nature revealing more and more its dark sides and driving the most important actual problem of humanity, namely, uncontrolled growth of population. World population growth looks like order-disorder phase transitions for which I estimated the critical point at the date of 2035 with standard uncertainty of 3 years and correlation coefficient of 0.99. My conviction is that there is no escape excepting for a small group of survivors. I am available for more details about this imminent phenomenon. Some more important aspects of the present science are unveiled with smashing proofs by Paul Hellyer – retired Canadian defense minister during three governments. I recommend his book *"The light at the end of tunnel"*.

17th July 2014

Gheorghe Dragan, Ph.D. Physicist

www.gdfdatabanks.ro

GDF DATABANKS BULLETIN, VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

Quo Vadis uncontrolled growth of population

I observed from particular discussions that people did not get my points exposed in the speech at Round Table on "Dialogue of Cultures". I had prepared two graphs presenting in suggestive manner catastrophic growth of population, but the allotted time was too short. I resume here the subject with some more details for important aspects in view to better understand the basic mechanism of population growth and its major consequences.

First of all this mechanism is directly connected with the notion of culture. There is the following logic chain: culture – traditions – moral rules – religious principles. It can observe that by population growth this chain is broken more and more mainly by breaking the moral rules. I have pointed out in my speech that social structure progressively reveals dark sides of human nature. In fact, society becomes more and more divided in two main classes: one small elite group accumulating more and more power and richness (finance), and the other one mainly responsible for population growth, poorer and poorer.

Figure 1 shows the increase of population from Jesus' birth up to present time considering the most important sources of statistical data [1-8]. It can observe that after 1900 the increase of population density in Europe became critical, so naturally and/or artificially appeared conflicts like the two World Wars leading to massive population reduction. However, their effect was a bigger increase of population. The overall process appears as lambda shape first-order phase transition commonly revealed by specific heat versus temperature which can be perfectly described by the Universal equation (Figure 1). Over the estimated critical point $b = 2035 \pm 3$ the population (of active kinetic entities in the general transforming system) drastically decreases, i.e. the survivors.

A similar process happened in the period of the Old Testament [9]. Figure 2 shows the period after creation of Adam and Eve up to catastrophic Flood marked by birth dates of the first 10 patriarchs. By tasting from forbidden tree of knowledge, they started to practice bad habits and the moral rules have been eroded as the population and density have increased. No matter the exact rule of population increase was, Bible gives the exact date (1656) of Flood and conditions in which Noah and his family (8 members) survived. Jesus and other high entities have appeared to strengthen the moral rules.

The possible next survivors of the imminent catastrophic transition at approximately 2035 are they warned and guided by God?

References

[1] J.N. Biraben, An Essay Concerning Mankind's Evolution Population, Selected Papers, 1980.
[2] J.D. Durand, Historical Estimates of World Population: An Evaluation, University of Pennsylvania, Population Center, Analytical and technical Reports, No.10, 1974.
[3] C. Haub, How Many People Have Ever Lived on Earth?, Population Today, February 1995.
[4] C. McEvedy, J. Richard, Atlas of World Population History, Facts on File, 1978.
[5] R. Thomlinson, Demographic Problems. Controversy over Population Control, Second Edition, 1975.
[6] United Nations, The World at Six Billion, World Population From Year 0 to Stabilization, UN New York, 1999.
[7] United Nations, The Determinants and Consequences of Population Trends, Population studies, No. 50, UN New York, 1973.
[8] US Census Bureau (USCB), Total Midyear Population for the World: 1950-2050;
United Nations, Population and Vital Statistics Report, series A, UN New York, 2006-2013.
[9] Holy Bible, Old Testament, Genesis.

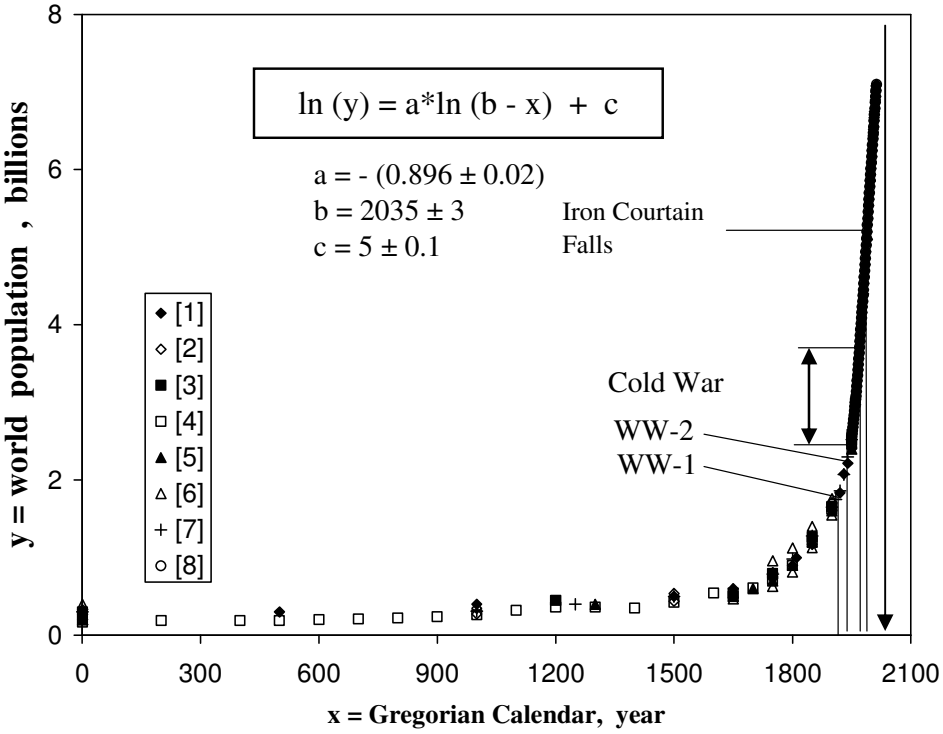


Figure 1.

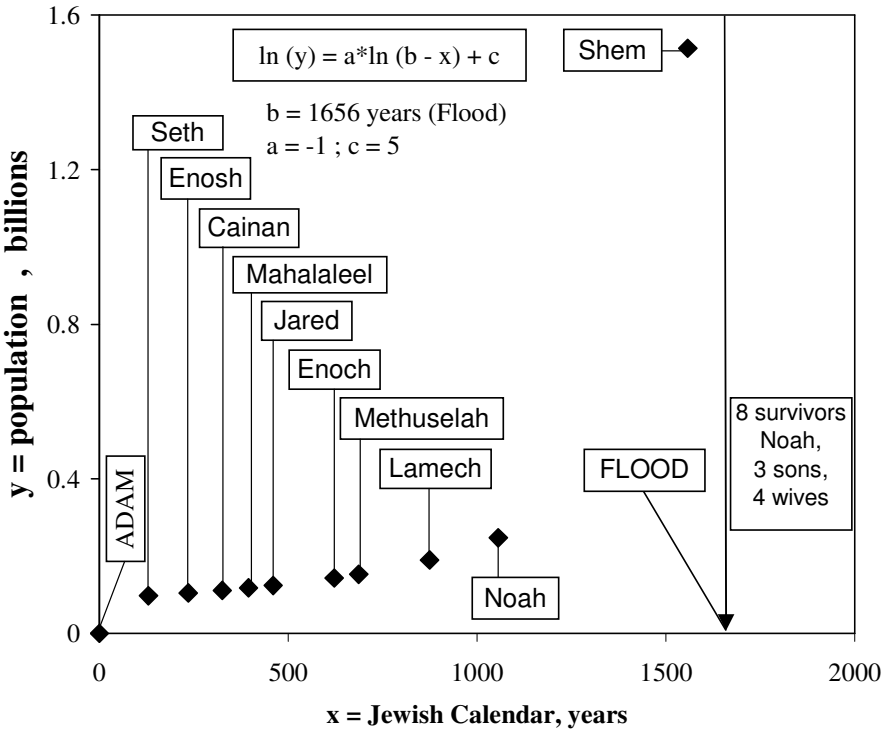


Figure 2.

GDF DATABANKS BULLETIN, VOL. 18, NO. 4, 2014
ISSN 1453 - 1674

About the author:

First name	Gheorghe
Last name	Dragan
Born	1 September 1945, Ploiesti, Prahova (Romania)
Studies	Faculty of Physics, University of Bucharest, Romania (1963-1968) Ph.D.in Physics, University of Bucharest, Romania (1980)
experience	● Head of material testing laboratory, ICECHIM, Polymer Department, Bucharest (1969-1979); ● Initiator and leader of the research project on new forms and sources of energy; ICECHIM, Center of Physical Chemistry (1979-1988); ● Head of laboratory of analytical devices and measuring instruments, AMCO-SA, Bucharest (1988-1993); ● Founder & owner of GDF-DATA BANKS, Bucharest (1993-2008); ● Expert metrologist, Romanian Bureau of Legal Metrology, Bucharest, Romania (1997-2000).
publications	● >100 scientific papers ● >70 scientific communications ● 17 patents ● 5 books
Address:	all correspondence by e-mail: dragan_gdf@yahoo.com gdf.dragan@gmail.com

GDF DATABANKS BULLETIN, VOL.18, NO.4, 2014
ISSN 1453 - 1674

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 9th 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. 1st 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 practice.(Plenary lecture at the 19th SRH National Congress, 21-22 September 2004, Bucharest, Romania)	F
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. (12th 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 14th 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 şi 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. 1.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

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

ERRATA:

VOL	NO	place	was written	must be
15	2	Figure 5	P+	P-
15	3	page 5, row 7 down-to-up	x=2	x=0.2

I encourage readers to advice me any observation.

GDF DATABANKS BULLETIN, VOL. 18, NO.4, 2014
Please feel free to distribute in integral form this issue.
All correspondence at the author.
dragan_gdf@yahoo.com
gdf.dragan@gmail.com

ISSN 1453-1674

www.gdfdatabanks.ro