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(Erratum)

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BF and HMF spectra revealed by electrolytic capacitors over 2022

Local artificial sources of heating, cooling, and/or air ventilation dramatically alter the Udc response of electrolytic capacitors. Real Udc(time) image of HMF and BF can be realized after a properly period of time for capacitors "accommodation" at the room (one to several days). This accommodation process is similar with the same process for a company animal in a new home and for plants on a new garden. Personally I also experienced difficulties in concentration in such altering conditions. Finally, the results are modulated by the signal to noise ratio (S/N) defining the quality factor of the measuring room (QFMR) assimilated as the resonance cavity.

Additionally, experimental data systematically revealed the local potential for each capacitor (see Figure 9 in [1].

The S/N values for the same QFMR depend on the HMF and BF activities. Their maximum values occur around the summer solstice so as much my location is on the pure temperate climate (45 degrees North latitude).

I gathered a huge number of experiments both in highly accurate isothermal conditions and in normal room temperature [2]. Their complete presentation and thoroughly discussions would take a long series of papers. However, for the present one I consider only a selection of two short series of experiments.

Figures 1 shows results in highly isothermal conditions and Figures 2 at room temperature on 7 capacitors each (the 8th measuring channel is devoted for temperature sensor). Comparing a big number of experiments, the isothermal ones show important perturbation/inhibition on Udc reaction, so the natural room temperature without any artificial heating/cooling systems, reveals the more realistic spectra of BF and HMF. This is similar as the evolution of living organisms in imposed = artificially restricted conditions and in natural/wildness, respectively.

Figures 3-5 present the results at natural room temperature obtained during one week also on 7 electrolytic capacitors. Figures 3 evidence small variations of local temperature measured on capacitor surface as exothermal and endothermal corresponding to BF and HMF, respectively. These variations appear as sparks/bursts distorting the overall smooth variation of natural ambient temperature. Such sparks/bursts were also observed in cold fusion experiments [3].

Figures 4 show more clearly these endo and exo sparks with specific spectra on HOD, but with overall the same amplitude, so their resultant is almost zero. Exception is the Thursday results revealed also in the graphs from Figures 5.

Important to reveal that BF dispersion is systematically greater (even twice) than HMF and this can be explained by the fact that wild BF has a wide spectrum than human society with more and more restrictions on freedom. These restrictions directly affect mental activity.

CONCLUSION: The following similarities can be revealed:

COMPOSITE SYSTEMS = LIVING SYSTEMS THERMAL CAGE = TAMING THE BEAST = MENTAL RESTRICTIONS

References

[1] G.Dragan, GDF Databanks Bull., Interaction of capacitors with Human Mental Field and Bio-Fields. XVI. Aluminum electrolytic capacitors $8x3300 \ \mu\text{F}@25V@2021,26(2) 2022$ and all similar references cited therein.

[2] G.Dragan, GDF Databanks Bull., 22(2,5,6) 2018; 23(1,3,8) 2019; 24(2) 2020; 25(6) 2021.

[3] New results on cold fusion: Proceedings of the conference on anomalous nuclear effects in deuterium/solid systems, Provo University, Utah, USA, October 22-24, 1990.



GDF DATABANKS BULLETIN, VOL. 27, NO. 1, 2023 ISSN 1453 - 1674



Figure 3.



Figure 4.



Figure 5.

HuPoTest is a mental test and training procedure continuously developed over more than 50 years. During long experience with HuPoTest on a large number of persons. I was able to observe that mind can not be in the same extent focused on the imposed measurements. HuPoTest is able to quantitatively establish the active and inactive parts of the mind during the test. This means that mind has a composite structure according to topoenergetic principles developed and extensively applied to a large variety of transforming systems. The book presents succinctly, but suggestively the main topoenergetic principles with application on important examples with the view to better understand their significance. HuPoTest operating instructions, significance of the calculated parameters and personal results are presented and commented in detail revealing the composite structure of mind. Continuously degradation of human mind in correlation with uncontrolled growth of population are the main problems of humankind leading to imminent global conflict. Only individuals with properly trained minds will be through survivors, so HuPoTest represents the right procedure to improve and maintain human minds.



Gheorghe Dragan

Composite Structure of Human Mind



Dr Gheorghe Dragan was born on the 1st September, 1945, in Ploiesti, Prahova, Romania. He holds a Ph.D. in Physics from the University of Bucharest, Romania (1980) and has published about 200 scientific papers, 70 scientific communications and 5 books. He also holds 17 patents.





Foreword

Miguel de Cervantes Saavedras: "Experience is the mother of all sciences"

My deep concern is that the present book will not affect in any way human society, although I tried to point out arguments about the next imminent nuclear conflict mainly caused by continuous and accelerated degradation of human mind in direct correlation with uncontrolled growth of population. Survivors will be only ones with properly prepared minds. These two facts are striking evidences for any one, no matter education and place on the planet Earth. The solution I propose is to permanently testing and improving our mind. Its name is HuPoTest I experienced and developed continuously for more than 50 years. Human mind is our "crazy horse" which no individual succeed to completely master during entire life. The main problem is not that there are bad guys and good guys, but it is practically impossible to know them. The only solution is to take care of our own mind. After a long and intense experience face-to-face on a large variety of individuals with HuPoTest, I established that there are 4 main categories: (i) dominating; (ii) dominated; (iii) independent and (iv) not able to perform HuPoTest. The results are not available for ever, because they can transform instantly between them (flip-flop character). The first two are dependent each other, permanently involved in conflicts up to crime and suicide. The independent ones avoid any conflict and live in honest conditions. People not able to perform HuPoTest have their minds dominated by destructive emotions. Human mind is in permanent activity, so that conscious activity is perturbed by emotions. This is the main point of the present book: to reveal the composite structure of human mind by the existence of the active component involved in coherent thinking and an inert one perturbing the conscious activity.

I invite any one who decided to try HuPoTest to contact me for help without any obligation.

> Bucharest, February 2019, gdf.dragan@gmail.com

Composite structure of human mind

Abbreviations and symbols Foreword Chapter 1 Chapter 2 Composite structure of transforming systems Upon some features of humankind evolution Chapter 3 3.1 Evolution of life on Earth 3.2 Evolution of individual human life 3.3 Evolution of human society on Earth Chapter 4 HuPoTest – up to date history Chapter 5 HuPoTest – operating instructions 5.1. Proper preparation of the person under test 5.2. Selection of the right standard stopwatch and performing the basic test 5.3. Calculation of parameters defining the mental state 5.4. Management of data base Chapter 6 Metrology of time 6.1. Basic of metrology 6.2. HuPoTest vs metrology 6.3. Concluding remarks HuPoTest - significance of calculated parameters Chapter 7

7.1 parameters from classical statistics

7.2 original parameters obtained by simple math formulas

7.3 original parameters obtained by professional math programs

- HuPoTest important relationships Chapter 8 8.1 Stopwatch B 8.2 Stopwatch E
- HuPoTest composite structure of human mind Chapter 9 References About the author

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ERRATUM:

VOL.	NO.	place	CORRECT
15	2	Figure 5	P-
15	3	page 5, row 7 down-to-up	x = 0.2
22	3	Figures 4-6	Values of dTc and exchanged heat must be divided by 10
22	6	Figure 4	-N^2/M values are negative;
23	1	Figure 5	See Figure 8 and comments in issue 23(3)
23	1	HuPoTest-significance of calculated parameters	(yo, Δb)<0, Δa >0: slow reaction (yo, Δb)>0, Δa <0: impulsive reaction
25	9	Figure 4	III: n1=0.711 ± 0.076; m1=154 ±4.6

I encourage readers to advice me any observation.



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