

Content

	no. pages
HuPoTest by using a stopwatch created on LabView® platform	2
Book launch: Composite Structure of Human Mind	2
About the author	1
Previous issues of GDF DATABANKS BULLETIN	6
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(Erratum)

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HuPoTest by using a stopwatch created on LabVIEW® platform

LabVIEW® is highly efficient software realized by the National Instruments (NI) company dedicated for virtual simulation of any kind of measuring instrument and/or technological process by using components and their connectivity with elementary definition resident in its own library. In the period of 2005-2010 I participated in Sydney-Australia to several "hands-on" presentations of LabVIEW, but for true performance it needs long and continuous experience. However, I was able to find out intuitively that LabVIEW can solve much better my problem of an highly accurate stopwatch for my project of HuPoTest considering that human mind can detect tiny differences of time much smaller than 1 ms of my digital stopwatch used in routine face-to-face experiments. However, I did not find there the right person to solve the problem.

In August 2019 I met eng. Mihai Dornea from NI Cluj Napoca at the NI workshop in Bucharest and I presented to him my project. In the short time I received from him by email the complete design and software (517 kB) of the stopwatch (the working icon in Figure 1) able to measure elapsed times in the range 0f 5-20 seconds with an accuracy of 6 significant digits. This was my initial expectation even with the software proposed by eng. Dan Popovici on Visual Basic platform (32 bits) taking into account that the working frequency of PC microprocessor is at least 1 GHz.

It is important to mention that Dornea's stopwatch works independently and doesn't need full LabVIEW installed on PC.

However, in my latest personal HuPoTest experiments [1] I used stopwatches from the internet with 1ms accuracy with the hope the procedure is available for any HuPoTest user. Unfortunately, I did not find any one else able to adapt his mind to the HuPoTest requirements, but I hope that present Ukraine war will take seriously my warning about the selection of the next imminent global war (see Foreword in my book [2]).

In the present note I used Dornea's stopwatch on the three periods of time (Table 1). In Table 2 are presented a series of measurements as it appears in Excel® as measured in the test performed on Tuesday 21-06-22 at 5 am. Each such matrix is further retrieved by specific math formulas becoming already routine procedures in obtaining the parameters defining mental state.

	Table I	•	
2022	code	No. days	No. tests
28 May – 19 June	А	22	18
19 June – 25 June	В	6	14
26 June – 3 July	C (CI, CII)	7	16

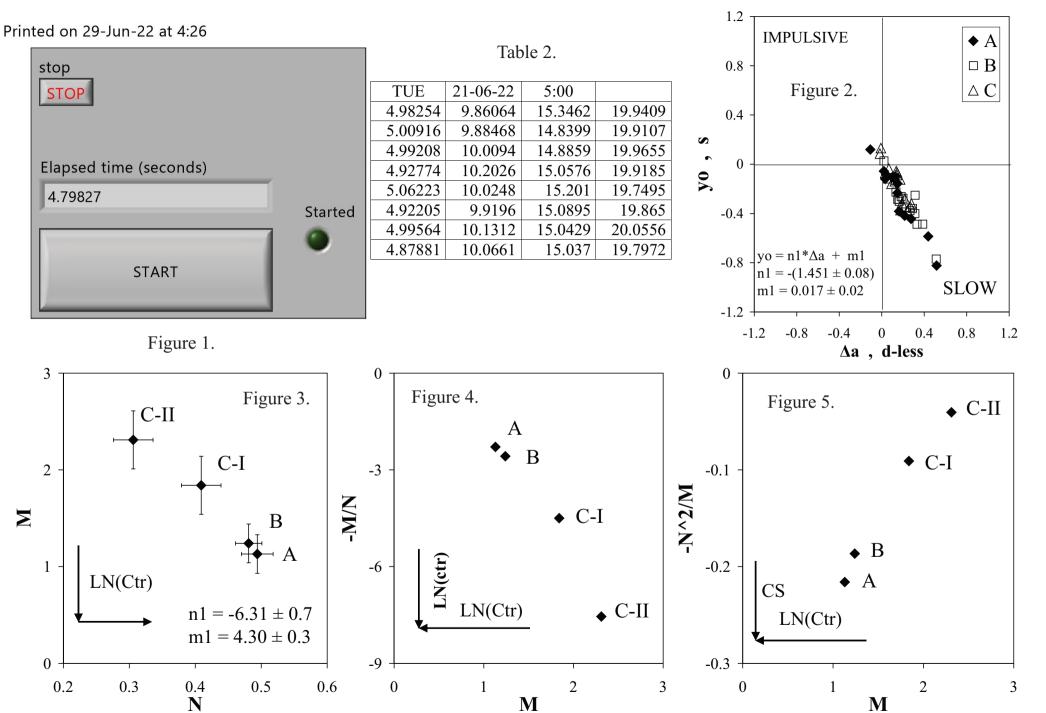
ble $\overline{1}$.

Figure 2 shows that almost all results are located in the SLOW behavior. Figures 3-5 clearly show the successive improvement of mind along tests, i.e. decreasing of mind component involved in measurements (Ctr), increasing the specific/elementary component (ctr) and decreasing its coupling (specific thinking perturbation, CS) with the rest of mind.

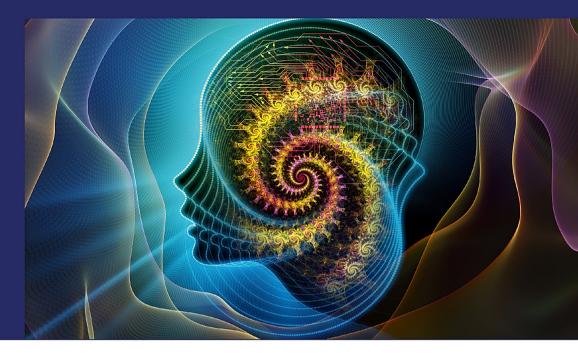
CONCLUSION: HuPoTest measurements using a stopwatch with high resolution/accuracy up to 1µs allow evidencing and attaining high performance of human mind. However, it is absolutely necessary to establish the exact calibration and stability of every used stopwatch.

References

[1]G.Dragan, GDF Databanks Bull., 22(2,5,6) 2018; 23(1,3,8) 2019; 24(2) 2020; 25(6) 2021.
[2]G.Dragan, Composite structure of human mind, LAP LAMBERT Academic Publishing, 2019.



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





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 formulas7.3 original parameters obtained by professional mathprograms

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

About the author:

	
First name	Gheorghe
Last name	DRAGAN
Born	1 September 1945, Ploiesti, Prahova (Romania)
ORCID	0000-0002-5787-9779
	Faculty of Physics, University of Bucharest, Romania
Studies	(1963-1968)
Studies	Ph.D.in Physics, University of Bucharest, Romania
	(1980)
	• 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);
avnariance	• Head of laboratory of analytical devices and
experience	measuring instruments, AMCO-SA,
	Bucharest (1988-1993);
	• Technical manager of GDF-DATA BANKS,
	Bucharest (1993-2008);
	• Expert metrologist, Romanian Bureau of Legal
	Metrology, Bucharest, Romania (1997-2000).
	• >100 scientific papers
publications	• >70 scientific communications
publications	• 17 patents
	• 6 books
Address:	all correspondence by e-mail:
Auuress.	gdf.dragan@gmail.com

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	litorial: socio-psychological implications in creation and utilization of a tabank (Ioan-Bradu Iamandescu); ehavior in vapor-liquid equilibria (VLE): I. Structural aspects; ehavior in vapor-liquid equilibria: II. Several structures in databanks; ymposium on VDC-4 held on 30 October 1997 at Lubrifin-SA, Brasov comania).			
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		
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2002	6	1	MOSATOR-01: Topoenergetic databanks for one component molten salts; thermally driven viscosity and electrical conductance.	AFI		
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2002	6	3	ditorial: Quo vadis Earth experiment? SOCALT® : Report on metrological tests			
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GDF DATABANKS BULLETIN, VOL. 26, NO. 7, 2022

ISSN	1453 - 1674	

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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		
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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		
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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 2011	15 15	1 2	Procedures and devices for energy and water saving. (I) (in Romanian).Structural and relativistic aspects in transforming systems.	F F		
			I. Arrhenius and Universal representations of thermally driven processes. Topoenergetic aspects of water structuring as revealed by ac electric			
2011 2011	15 15	3	conductivity. Topoenergetic aspects of human body	F F		
2011	15	5				
2011	16	1	HuPoTest: four month study of a case F DTA study of water freezing. F			
2012	16	2	I. Upon some aspects of repeatability. 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		
		I				

		-	ISSN 1453 - 1674			
2013	17	1	DTA study of water freezing.	F		
2013	17	2	IV. New facts on energy circuits. 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	TA study of water freezing. VI. Mental field in a working day.			
2013	17	5	DTA study of water freezing. VII. More statistical features on one week of	F		
			experiments.			
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		
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2014	18	2	Mental field-water interaction as evidenced by Isothermal Convection Flow	F		
2014	18	3	alorimetry (ICFC). II. Effect of convection flow power. Irovision song contest. II. Copenhagen, Denmark 2014			
2014	18	4	nd some more features on social mentality. The 38 th Congress of American-Romanian Academy (ARA) of Arts and ciences, 23-27 July 2014, Pasadena, California, USA			
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.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		
	20	7	Interaction of quartz crystals with bio-fields.	F		

GDF DATABANKS BULLETIN, VOL. 26, NO. 7, 2022 ISSN 1453 - 1674 Previous issues of GDF DATABANKS BULLETIN, (continued)

2016 20 8 III. Quirt solution of quark 19 stars with individuals. F 2016 20 9 HuPoTest - new attempt for self-evaluation and improvement of mental state F 2017 21 1 Interaction of quark rystals with ibo-fields. F 2017 21 2 Interaction of quark rystals with ibo-fields. F 2017 21 3 Interaction of quark rystals with ibo-fields. F 2017 21 3 Interaction of quark rystals with ibo-fields. F 2017 21 3 Interaction of quark rystals with ibo-fields. F 2017 21 3 Interaction of monophases F 2017 21 4 HuPoTest - an efficient test and training procedure for mental state F 2017 21 5 Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. F 2017 21 5 Upon some features of global economic structure F 2017 21 6 Upon some features of global economic structure F 2				Interaction of quartz grystals with his fields	
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2019 23 2 Estimation of global warming by differential calorimetric procedure.	2019	23	1	HuPoTest – up to date history HuPoTest – operating instructions HuPoTest – significance of calculated parameters	F
	2019	23	2	Estimation of global warming by differential calorimetric procedure.	F

GDF DATABANKS BULLETIN, VOL. 26, NO. 7, 2022

ISSN	1453 -	1674
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			ISSN 1453 - 1074	
2019	23	3	Composite structure of human mind. HuPoTest results on 5 weeks of fasting before Christmas 2018	F
2019	23	4	Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. XI. Results obtained over 2018.	F
2019	23	5	Book launch: Composite Structure of Human Mind Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. XII. New results obtained over 2018. Book launch: Composite Structure of Human Mind	F
2019	23	6	Composite structure of human mind. HuPoTest results on 7 weeks of fasting before Orthodox Easter 2019 Book launch: Composite Structure of Human Mind	F
2019	23	7	Eurovision song contest, Tel Aviv, Israel, 18 May 2019 Book launch: Composite Structure of Human Mind	F
2019	23	8	HuPoTest – 4 weeks of self evaluation, training and additional instructions Book launch: Composite Structure of Human Mind	F
2019	23	9	Composite human mind and composite human society(43rd Congress of American Romanian Academy of Arts and Sciences, ASILOMAR Conference Grounds, Pacific Grove, CA, USA, 15-17 November 2019) Book launch: Composite Structure of Human Mind	F
2020	24	1	Left-Right Bio-Balance: Calorimetric approach of human mental state I. Introductory principles and experimental details. Book launch: Composite Structure of Human Mind	F
2020	24	2	Composite structure of human mind. HuPoTest results on 5 weeks of fasting before Christmas 2019 Global warming and human mentality Book launch: Composite Structure of Human Mind	F
2020	24	3	Left-Right Bio-Balance: Calorimetric approach of human mental state II. Results on male persons under test. Book launch: Composite Structure of Human Mind	F
2020	24	4	Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields. XIII. Results obtained over 2019. Book launch: Composite Structure of Human Mind	F
2020	24	5	timation of global warming by differential calorimetric procedure. . Experimental results over 2019 pok launch: Composite Structure of Human Mind	
2020	24	6	ructural aspects of temperature phase transition in PTC-thermistors. DC electric measurements ook launch: Composite Structure of Human Mind	
2020	24	7	Composite structure of human mind. HuPoTest results on 7 weeks of fasting before Orthodox Easter 2020 Book launch: Composite Structure of Human Mind	F
2021	25	1	Structural aspects of temperature phase transition in PTC-thermistors. II. Combined DTA and electric measurements Book launch: Composite Structure of Human Mind	F
2021	25	2	Covid-19 pandemic: I. First wave Book launch: Composite Structure of Human Mind	F
2021	25	3	Structural aspects of temperature phase transition in PTC-thermistors. III. Several features of hysteresis behavior Book launch: Composite Structure of Human Mind	F
2021	25	4	Structural aspects of temperature phase transition in PTC-thermistors. IV. Topoenergetic structure of hysteresis behavior Book launch: Composite Structure of Human Mind	F
2021	25	5	Isothermal gradient calorimeter. I. Basic principles. Water – review of some particular properties Book launch: Composite Structure of Human Mind	F
2021	25	6	HuPoTest: Behavior splitting = dual behavior Book launch: Composite Structure of Human Mind	F
2021	25	7	Estimation of global warming by differential calorimetric procedure. IV. Experimental results over 2020 Book launch: Composite Structure of Human Mind	F

155N 1433 - 10/4					
2021 25		8	Interaction of capacitors with Human Mental Field and Bio-Fields.	F	
			XIV. Aluminum electrolytic capacitors.		
2021	25	9	Covid-19 pandemic. II. Death statistics in US states	F	
2021	23	,	Book launch: Composite Structure of Human Mind	Г	
			Interaction of capacitors with Human Mental Field and Bio-Fields.		
2022	26	1	XV. Aluminum electrolytic capacitors 8x3300 µF@25V@2021.	F	
			Book launch: Composite Structure of Human Mind		
			Interaction of capacitors with Human Mental Field and Bio-Fields.		
2022	26	2	XVI. Aluminum electrolytic capacitors 8x3300 µF@25V@2021.	F	
			Book launch: Composite Structure of Human Mind		
			Estimation of global warming by differential calorimetric procedure.		
2022	26	3	V. Experimental results over 2021 (1)	F	
			Book launch: Composite Structure of Human Mind		
2022	26	4	Simple procedure evidencing HMF and BF	F	
2022	20	4	Book launch: Composite Structure of Human Mind	Г	
2022	26	5	Simple procedure evidencing HMF and BF	F	
2022 2	20	5	Book launch: Composite Structure of Human Mind	Г	
			Measurement of HMF and BF in several crowded places		
2022	26	6	Evidence and measurement of Human Mental Field and Bio-Fields	F	
			Book launch: Composite Structure of Human Mind		

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

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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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