

Interpopulation Analysis of Function of Taheri Consciousness Fields in the Thermoluminescence Process

Mohammad Ali Taheri¹, Amir Moslehi^{2*},
Firooz Payervand³, Farzad Ahmadvanlou⁴,
Farid Semsarha⁵

*Corresponding Author: Amir Moslehi
Email: moslehi.amir@yahoo.com

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1-Sciencefact R&D Department, Cosmointel Inc. Research Center, Ontario, Canada

2-Nuclear Science and Technology Researcher, Tehran, Iran

3-Research and Development Consultant, Tehran, Iran

4-Department of Mechanical and Aerospace Engineering, University of California, Irvine, California, USA

5-Biochemistry and Biophysics Research Center, University of Tehran, Tehran, Iran

Abstract

The mechanism related to electron alignments and the movement of electrons between them in the materials constituting TLD chips, along with very precise and sensitive methods of reading charges and counting electrons with different energies located in these levels, make these materials and this technique suitable candidates for studying and observing the effects of T-Consciousness Fields (TCFs). Previously, the effect of TCFs on the population of used and unused GR-200 chips was investigated over a period of about 21 days. Also, in a separate study, the results were examined and analyzed to observe changes with different announcers. In all of these studies, it was revealed that TCFs manifest their effect by reducing the charge read in the population until about 21 days after TCFs treatments. In this study, by summarizing the data obtained from three studies conducted with differences in the structure of the initial population and the announcer, we have compared changes in charge and entropy in these populations. The results of this study showed that the effectiveness of TCFs on these materials is possible, even though these fields are not inherently matter and energy. Moreover, evidence of effectiveness is independent of the structure of the sample and the announcer, together with the reduction of charge and entropy of the system (equivalent to the addition of system information based on the approach of information theory) and delivery of some specific energy to the system, taking into account the law of conservation of matter, energy, and T-Consciousness, in which energy is provided for the system under the influence of the T-Consciousness factor; Also, the specific effect of the TCFs on the targeting of radiation at the level of the material by maintaining its effects in the mind of the material, during this study is evident.

Keywords: TLD, GR-200, Thermoluminescence, T-Consciousness Fields, Entropy Changes, Information Theory, Charge, Mind of Matter

Introduction

According to the nature and structure of TLD chips, the effect of radiation on them must be preserved cumulatively. In fact, it can be said that TLD tablets have a preservation and permanence effect against environmental radiation [1]. The constituent materials of the tablets and their synthetic structure, despite the specific metallic impurity levels, maintain the energy received from environmental radiation while trapping electrons in the corresponding levels. This function of TLD tablets allows them to estimate the absorbed dose in the human body as a radiation dosimeter [2].

Method: The research was conducted according to the general considerations mentioned in section 2.2.

Results and Discussion

In Figure 1, the values of the average charge at different time intervals in each population during the study are shown. As can be seen, all three populations, after the announcement of TCFs, showed a common response of reducing the charge amount, which maintained a general trend with different values in all three populations until the end of the study.

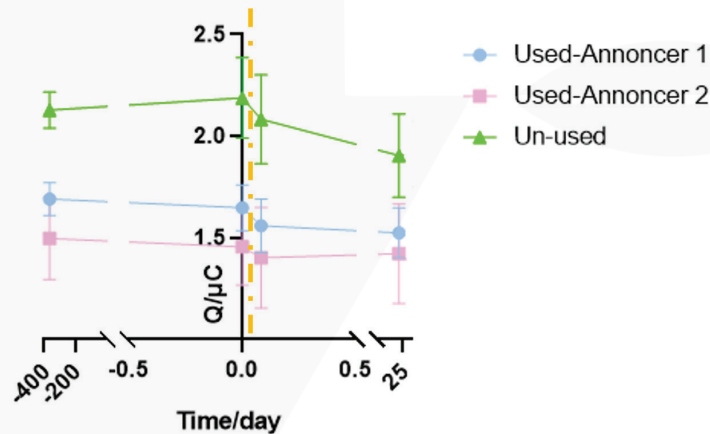


Figure 1. Display of the trend of charge changes in three populations of this study at different time intervals. The orange vertical line indicates the "announcement moment."

The study of changes in entropy in three populations at different time intervals has been calculated based on response data and using equation (1).

$$1) \quad \Delta S = \ln \frac{Q_2}{Q_1}$$

Here Q_2 is the TLD response (one year before), and Q_1 is the response in the reading on the day of the exposure and before the T-Consciousness Fields treatment. Changes in entropy compared to the two hours prior to the announcement, as shown in Figure 2, provide significant data. The blue and pink populations were very close to each other in the one-year period before the

study, showing completely similar changes in entropy in terms of quantity and with the same sign, which is completely different from the green population with negative changes in entropy. This data well represents the differences and similarities between populations and indicates that the parameter of entropy changes is a significant criterion for evaluating the populations in this study. In the two-hour interval after the announcement compared to two hours before it, the amount of entropy change in all three populations is almost the same, which shows that the changes in entropy show the effectiveness of TCFs even better than the charge direct response.

According to the results of this study, the effectiveness of TCFs in the presence of radiation, indicating changes in radiation behavior in the presence of these fields, is independent of the structure of the sample and the announcer. Also, since necessarily, any change in the amount and distribution of radiation energy and direction on the material at the sample level under the influence of TCFs,

requires a significant and essential amount of energy and is not provided in the test conditions and by the test setup, practically this energy cannot originate except from TCFs. Therefore, the result of this test supports the change in the law of conservation of matter-energy under the conditions of this test, to the law of conservation of matter-energy and T-Consciousness, which is part of the theory of T-Consciousness Fields [3].

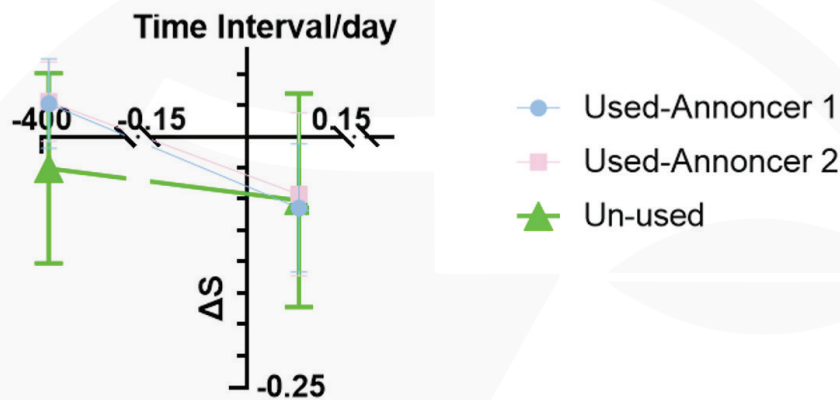


Figure 2. Display of the trend of entropy changes in three populations of this study at different time intervals.

The reduction in entropy under the influence of TCFs is equivalent to an increase in information in the TLD chips. The effect of these fields is such that the interaction of radiation with matter is intelligently selected to achieve the desired effect. According to the theory of TCFs, for a substance or energy system to be "information-receptive" and to exhibit behavioral changes under the influence of T-Consciousness fields, it must possess a 'mind' [4,5]. Therefore, the

creation and preservation of the effectiveness of TCFs throughout the study period in this research indicate the presence of mind in matter, which has been confirmed in previous experimental studies of the effectiveness of T-Consciousness Fields [4].

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