# Exploring extra dimensions by the help of DNAs of the egg cell and the earth

Alireza Sepehri <sup>1</sup> \*

<sup>1</sup> Research Institute for Astronomy-Astrophysics of Maragha-RIAAM-Iran

In this research, we introduce two natural telescope for detecting events of extra dimensions. First, we will show that missing genes which are needed for keepping the animals alive, could be existed in extra dimensions. These genes could act like the receiver or sender of radio waves and transmit information from extra dimensions into our universe. These genes could lead to some changes in radiated waves of egg cells and missing some electrons. Thus, by considering evolutions of egg cells, we can obtain some information about biological events interior of extra dimensions. However, this system can only send us a report of biological events and for considering cosmological events, we need to a bigger object. We show that earth has a system similar to the DNAs in egg cell however with the cosmological size and can communicate with objects in extra dimensions. This DNA-like shell is located interior of the earth's core and leads to the emergence of high temperature. Exchanging information between the earth's DNA like shell and objects in extra dimensions leads to the production of some extra matters around the core, unstability interior of the earth's layers and the emergence of some earthquakes.

Keywords: Earth, Extra dimensions, waves, DNAs, water, Earthquake

#### I. INTRODUCTION

Extra dimension is one of main subjects that has many effects on various fields of science [1-3]. If these dimensions are existed, we should observe their effects in four dimensional universe. In fact, some objects in our universe could communicate with some objects in

<sup>\*</sup> sepehri.science81214@gmail.com

extra dimensions. One of examples is dark part of DNA that has the main role on the continuity of the life. Recently, Hargreaves and his colleagues have encountered a dark part of DNA when sequencing the genome of the sand rat (Psammomys obesus), a species of gerbil that lives in deserts. In particular they wanted to study the gerbils genes related to the production of insulin, to understand why this animal is particularly susceptible to type 2 diabetes. But when they looked for a gene called Pdx1 that controls the secretion of insulin, they found it was missing, as were 87 other genes surrounding it. Some of these missing genes, including Pdx1, are essential and without them an animal cannot survive. The first clue was that, in several of the sand rats body tissues, they found the chemical products that the instructions from the missing genes would create. This would only be possible if the genes were present somewhere in the genome, indicating that they werent really missing but just hidden [4]. So where are they? We can response to this question in extra dimensions. Until now, some investigations have been done on the effects of extra genes in extra dimensions. For example, it has been shown that DNA teleportation is possible if DNA, water and wave be 4 + n-dimensional objects [5]. Also, molecules of water could be able to store information if they have DNA-like structures in extra dimensions. On the other hand, these genes in extra dimension could act like the receiver or sender of waves and exchange information with genes in four dimensions [6]. And finally in one of newest works, it has been shown that compacting DNA with 7 meter long in a very small place leads to the emergence of curved space-time around it. Then, using the concept of 11-dimensional black branes, the relation between Tsallis -entropy of DNA-Branes exterior and interior of sheel for chick embryo has been calculated [7]. Motivated by these researches, we explore the existence of the life by considering evolutions of the egg cell of birds. We will show that some maters are lost in these cells which are the signature of extra dimensions. However, these eggs only communicate with biological objects. Now, the question arises that how we could explore phenomenological events interior of extra dimensions?

To consider evolutions of cosmological objects interior of extra dimensions, we can use of the earth as the biggest telescope. Until now, there is a little information about the structure of the earth. For example, it has been known that earth has seven layers. These layers are: 1. Inner core 2. Outer core 3.Asthenosphere 4.Mantle 5.Upper mantle 6.Crust 7.Lithosphere [8–10]. On the other hand, the earth has an atmosphere which has the main role on some of it's evolutions. Earth's atmosphere can be divided (called atmospheric stratification) into five main layers. Excluding the exosphere, the atmosphere has four primary layers, which are the troposphere, stratosphere, mesosphere, and thermosphere [11, 12]. Within the five principal layers, that are largely determined by temperature, several secondary layers may be distinguished by other properties. For example, the ionosphere is a region of the atmosphere that is ionized by solar radiation. It is responsible for auroras. During daytime hours, it stretches from 50 to 1,000 km (31 to 621 mi; 160,000 to 3,280,000 ft) and includes the mesosphere, thermosphere, and parts of the exosphere. However, ionization in the mesosphere largely ceases during the night, so auroras are normally seen only in the thermosphere and lower exosphere. The ionosphere forms the inner edge of the magnetosphere. It has practical importance because it influences, for example, radio propagation on Earth. In this research, we will show that one reason for the high temperature of core could be motion s of electrons around a DNA-like objects. When this DNA-like shell communicate with objects in extra dimensions, some extra matters are emerged that cause to the un-stability of the earth's layer and occuring earthquakes.

The outline of the paper is as follows. In section II, we will propose a biological method for exploring extra dimensions via egg cells. In section III, we will show that earth has a DNA like shell which can produce a window into extra dimensions.

## II. EGG CELL IS A BIOLOGICAL OBJECT TO EXPLORE EXTRA DIMENSIONS

Previously, it has been shown that DNA can be teleported from a vessel of water to another in a magnetic field [13, 14]. We generalized this experiment to egg cells of birds (See figure 1). First, we connect the egg cells of quails to an scope and give it's waves. In figure 2, we present number of currents related to an egg cell without sperms. We observe that number of events for higher currents is more than lower currents. Then, we put two egg cells with one sperm and another without sperm in an inductor and connect it to a generator. In magnetic field, sperm could be teleported into the egg and make it approximately fertilized. At this stage, we connect egg cell with induced egg to an scope and measure currents. We observe that number of events for lower values of currents becomes more respect to unfertilized eggs (See figure 3). This is because that some electrons are absorbed by egg cells with induced sperms. It seems that these electrons are lost like the information loss in black holes. This means that some electrons are transformed to extra dimensions.

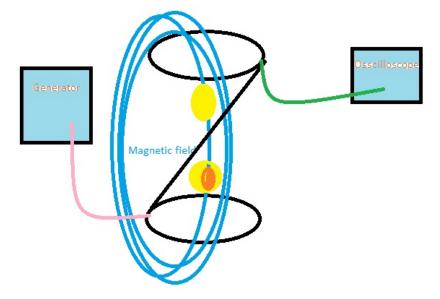


FIG. 1: Induced sperms into the egg cell in a magnetic fields.

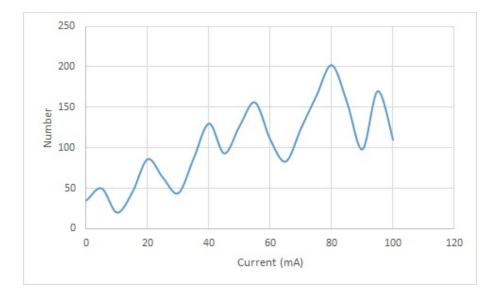


FIG. 2: Number of events for each current related to an egg cell without sperms.

## III. THE EARTH IS A COSMOLOGICAL OBJECT TO EXPLORE EXTRA DIMENSIONS

Until now, scientists give many reasons for the high temperature of the core of earth. In this paper, we show that another reason may be the existence of a DNA-like object with

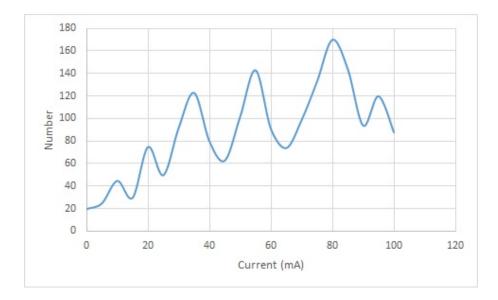


FIG. 3: Number of events for each current related to an egg cell without sperms.

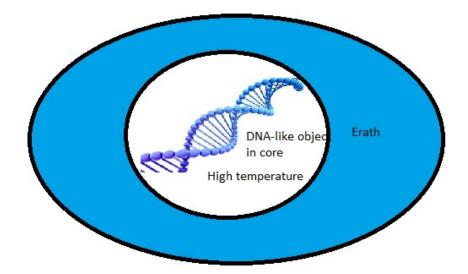


FIG. 4: A DNA-like object in the core of the earth has a cosmological scale and produce high temperature

the size of core interior of earth. This bigg DNA has a long around the size of sun that is compact in the small place and leads to the emergence of a curved space-time and high temperature (See figure 4). In figure 5, we connect a normal water to an scope and measure it's currents. In figure 6, we use of water during and after earthquake and measure it's signals. It is clear that water after earthquake produces extra signals which is a signature of waves of earthquakes. These waves could be produced by a big DNA interior of core.

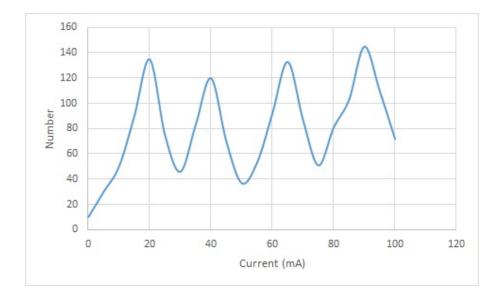


FIG. 5: Number of events for each current related to water in stable earth.

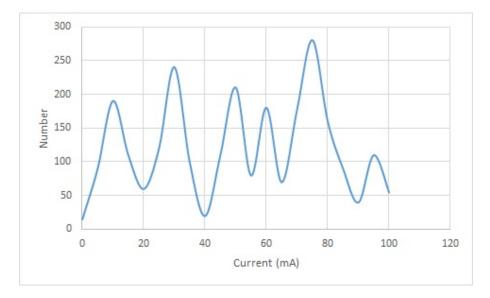


FIG. 6: Number of events for each current related to water during earthquake.

#### IV. SUMMARY

In this paper, we have proposed two methodes for communicating with extra dimensions. In first method, we have used of some genes in extra dimensions that communicate with genes in four dimensional universe and produce chemical and electronical products. These products are needed for the continuity of the animal's life. We have shown that by analyzing these products, we can obtain some information about extra dimensions. To this aim, we have considered electronic evolutions around egg cells of chick embryos and shown that some information are lost similar to losing of information near black holes. In second method, to consider activity of cosmological objects in extra dimensions, we have used of the waves of the earth's DNA. We have shown that there is a DNA-like system in the scale of cosmology in the core of earth which is the main responsible of producing of high temperature. In fact, this DNA-like shell acts like an small black hole in the core of earth and is a window into extra dimensions.

- S. Capozziello, S.J.G Giont, D. Vernier, String duality transformations in f(R) gravity from Noether symmetry approach, JCAP, 2016, 1601, 015.
- [2] S. Capozziello, G. Lambiase, R. Capaldo, String Dilaton Fluid Cosmology, Int.J.Mod.Phys.D, 1999, 8:213-227.
- [3] C. Corda., Space-time can be neither discrete nor continuous, Mod. Phys. Lett. A, 2018, 33, 1850069. Corda C., The Mssbauer rotor experiment and the general theory of relativity, Ann. Phys., 2016, 368, 258
- [4] Adam Hargreaves, "The hunt for dark DNA" New Scientist, Volume 237, Issue 3168, March 2018, Pages 29-31 https://doi.org/10.1016/S0262-4079(18)30440-8.
  Adam Hargreaves, "Introducing 'dark DNA'the phenomenon that could change how we think about evolution" Academic rigour. journalistic flair, 2017 https://theconversation.com/introducing-dark-dna-the-phenomenon-that-could-change-how-we-think-about-evolution-82867.]
- [5] Alireza Sepehri, Massimo Fioranelli, "4 + n-dimensional water and waves on four and eleven-dimensional manifolds". Open Physics, 16(1), pp. 463-475. Retrieved 11 Apr. 2019, doi:10.1515/phys-2018-0063]
- [6] Alireza Sepehri, "A mathematical model for DNA", Int. J. Geom. Methods Mod. Phys., 14, 1750152 (2017)
- [7] Alireza Sepehri , Massimo Fioranelli , Maria Grazia Roccia , Somayyeh Shoorvazi , "The relation between Tsallis -entropy of DNA-Branes exterior and interior of shell", Physica A: Statistical Mechanics and its Applications Volume 524, 15 June 2019, Pages 73-88.https://doi.org/10.1016/j.physa.2019.03.003]

- [8] Richard A. Kerr, (26 September 2005). "Earth's Inner Core Is Running a Tad Faster Than the Rest of the Planet". Science. 309 (5739): 1313. doi:10.1126/science.309.5739.1313a.
- T. H. Jordan, (1979). "Structural geology of the Earth's interior". Proceedings of the National Academy of Sciences of the United States of America. 76 (9): 41924200. doi:10.1073/pnas.76.9.4192. PMC 411539.
- [10] J. Ahrens (ed.) Thomas. Global Earth Physics: A Handbook of Physical Constants. Global Earth Physics: A Handbook of Physical Constants. Washington, DC: American Geophysical Union. Bibcode:1995geph.conf.....A. ISBN 978-0-87590-851-9.
   16 October 2006. Retrieved 3 February 2007.
- [11] John M Wallace, and V. Hobbs Peter . Atmospheric Science: An Introductory Survey .Elsevier. Second Edition, 2006. ISBN 978-0-12-732951-2. Chapter 1
- [12] Kevin E.Trenberth, Lesley Smith (1970-01-01). "The Mass of the Atmosphere: A Constraint on Global Analyses". Journal of Climate. 18 (6): 864. Bibcode:2005JCli...18..864T. doi:10.1175/JCLI-3299.1.

Robert J. States, Chester S Gardner. (January 2000). "Thermal Structure of the Mesopause Region (80105 km) at 40N Latitude. Part I: Seasonal Variations". Journal of the Atmospheric Sciences. 57 (1): 6677. Bibcode:2000JAtS...57...66S. doi:10.1175/1520-0469(2000)057j0066:TSOTMR¿2.0.CO;2.

- [13] Montagnier L., Assa J., Ferris S., Lavalle C., Electromagnetic signals are produced by aqueous nanostructures derived from bacterial DNA sequences, Interdiscip. Sci. Comput. Life Sci. 2009, 1, 81 - 90.
- [14] Montagnier L., Giudice E.D., AIssa J., Lavallee C., Motschwiller S., Capolupo A., Polcari A., Romano P., Tedeschi A., Vitiello G., Transduction of DNA information through water and electromagnetic waves. Electromagnetic Biology and Medicine., 2015, 34:106 - 112.