

On the Availability of Electromagnetically Equivalence Processes Relevant to Worldwide Spreadable Diseases Manifolds

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Abstract

This research concerns with modeling the exotic viruses attacking human beings and other species getting in touch them in a wide span of the Earth's complete metric space. electromagnetically equivalence mechanisms The developed for both the natural generation processes of exotic viruses and their spontaneous propagation capabilities as pseudo-embedded but stochastically spontaneous communication and *intelligence* like mechanisms in complex exotic molecular chains. The approach is related to the studies connecting virus-like but non-virotic structures, say virutics, going to be a virus with a stochastically electromagnetic initial boundary value problem topic which have high potential to contribute deterministic and fast solutions for the recent unusual pandemic and possible pandemics in future giving a possibility designing self-processed systems for effective detection and effective removing virutics before creating exotic viruses. The equivalence scheme topic is formulated for both electromagnetic events and exotic viruses from the developing studies related to inflective spaces and inflective waves. The recent pandemic has a topology relatable to the first stage of a worldwide spreading exotic diseases manifold.

1 Introduction

The recently developed approach achieved by the topological correlation of the algorithm, that we call The Self-constructing Model by Itself, say S-cMbI proves the occurrence and/or creation of the processes for a compact and reliable development of any type of events; therefore, it is an event independent model. From this point of view, the possible evaluation processes of any natural event, NE are structured with a topology of a *thing space*, T_hS from a completely null space, NS by using convenient transition maps pair [1-6]. The essential point of the method comes from the inflective structures [2, 7]. The previous application of the approach is given for significant seismic events [8-9]. The study in this paper focuses applying the abovesaid approach to the novel pandemic event and extending the process to pandemic events those may occur in future. The recent pandemic has a topology relatable to the first stage of a worldwide spreading exotic diseases manifold according to the results of the S-cMbI. The ingredient of any pandemic, that is virus and/or viruses in multiple pandemics case, is an ingredient of specific collections of *NEs*; therefore we process the novel pandemic as a form of *NEs* of Earth.

Iff the NEs are treated through the S-cMbI then it is proven that the Earth is an entity with the entirety of all things what there are in its interior, on its surface, over its suface, in its atmosphere, and in its exterior in point of the way of coming into being for the NEs occuring in complete domain of Earth [1, 2]. The entirety of the Earth constitutes a unique system in view of all the NEs because of this entireness; therefore, any NE in any region of the Earth has a reason to produce an effect on the Earth's NEs in other regions of the Earth even if they are not correlated to each other in a specific science discipline yet. The reason of this relatively interrelation structure, RIS comes from the fact that any region of any NE is not a part of an entirely closed system, ECS. The entire Earth is a single entity providing a topological domain structure, TDS, to the things occuring in topics for all kind of NEs [8-9]. The boundary surfaces, BSs of the specific TDSs carry out these reciprocal influences among distinct TDSs through the conditional equations, CEs provided with the initial values, IVs and boundary values, BVs. The boundary conditions, BCs distribute these influences with the aid of equivalence processes, EPs among each others as mutual coupling effects [1-9]. The source functions, SFs in the boundary value problems, BVPs produce the interaction processes, IPs through the action functionals, AFs and give the EPs through IPs in BVPs. Treating the NEs through the S-cMbI takes us to the evaluations of both direct and inverse processes governed with the 2^{nd} order stochastic initial boundary value problems, 2ndoSIBVPs.

The classical approach in medical applications is to categorize the patients' symptoms and to give a few available solutions after providing their restricted usefulness and non-faulting results with the clinically tested trivial and empirical methods. But all the diseases are a faulted response of the system block involving the ill part of the body network according to the methods in the electrical engineering related sciences. These faulted responses be the cause of disturbing signals those prevent the system working correctly. This kind of approaches related to engineering disciplines have a potential to give considerably fast and correctly realizable solutions to all kind of diseases when compared with the medical methods, in which you will recognize specific symptoms as much as big databases, first then you will try some close solutions suggested from the backward events' feedbacks as waiting a hope about the effect, second and by going a step ahead later, do a matching for an empirical algorithm for a very restricted clearing up for a few healthy conditions, at last. The expected solutions about diseases in the engineering related disciplines are compact on the contrary the scheme in medical treatment domain. The engineering related disciplines give this opportunity iff the equivalences in electromagnetically approaches [10-13] to both the human body network and the ingredients of disease makers may be designed with their correlations. The medical approaches try either moving the cells connected to the symptoms out the body or correcting the disturbances with side solutions; however, the equivalences in electromagnetically approach detect the fault in the system block and process the signal removing the disturbances in an automated way. The controlling and commanding processes of the brain [10-13] to the body is similar to the above said last approach, therefore discovering the above said equivalence may generate an algorithm for self-recovering the body with a spontaneous treatment of the brain on the body under its own command and control. How can we construct and build the equivalence design? Let us begin with a few questions focusing the novel disease already spreading widen on the Earth beginning from December the 2019 according to the official records of WHO [14]. There are diseases more than one because the mutants should be considered as new diseases, in topological method. Why? Because if the domains related to the diseases are transferred to suitable equivalent networks then the specifications of the infected parts in the transferred domains give different functionals in separated topologies. So, there are a manifold involving several diseases among our hands from the beginning.

2 The Electromagnetically Equivalence Natural Processes

The all variations in both inwards and outwards *TDSs* are effective to alter the ingredients of *BVPs* and their inversions; therefore, the *NEs* build themelves up with coupling the effects of each other mutually as re-forming processes even if the total contribution in effect is zero [4-6] in the *TDS* of study according to *the event independent* self-control mechanism entirety, EISCME [9]. The all events in any *TDS* make mutual progress and come to truth as a result of an *EISCM* in the entirety of the Earth and builds a self-control mechanism, SCM working for the entire entity of the universe with the entirety of all things what the universe involves in the same way [1, 2].

The changes, at (BSs, BVs, IVs) and (BCs, SFs), done through any event have capability to trigger exotic processes those are not recognized previously, besides, develop stochastic processes having distributions with extremely wide bandwidths. The possibility of this capability is a generation of Brownian-like activities through the swarming-like processes, which are designed beginning from the sequential chains of inwards and/or outwards Acts of sPSs [1-2, 6]. These Acts generate viruslike but non-virotic structures, say virutics, going to possibility of being a virus with a stochastically electromagnetic initial boundary value problem topic.

The suitable inorganic hosting processes dope *Brownian-like activities* through *the swarming-like processes to the virutics*. The doped virutics may propagate by either theirselves or modulations in inorganic hosting processes to extremely long distances like swarm behavior and go to be viruses in suitable *TDSs* due to triggering effects of some *NEs*. The activity potentials of both *TDs* and *NEs* cause the diversity in propagating worldwide virutic processes [15].

3 The Activities

Topological derivation of related processes is done with calculus of variations beginning from sPSs and/or T_hS , backwards.

3.1 The Equivalent Specifications of the Behavior of Novel Virus

There may be several *primitive rest areas* and *primitive spreading areas* to overcome the complexity of attack characteristics of novel pandemic and succeed the worldwide modulated propagation fingerprints. The virus must be pure and inactive when it is at both primitive rest areas and primitive spreading areas. Probably it gain growing strenght during its spontaneous transfer to spreading areas. It attacks when it gained its appropriate strenght at the suitable *TDS* where it arrived.

It is successful to hide itself, that is its strong property displaying a non specific construing algorithm meshed with non-trained pseudo-intelligance strategy. It uses a mask to hide its behavior and applies some specific camuflaging strategies as a chance event; however, It may coordinate its spreading and attack mechanism by using a spontaneously developing algorithm suitable to provide its hidenning and camuflaging behaviour in a spontaneous process. It has trivial tactic schemes, that is valuably intelligant compared with its actual capacity so that it controls and commands its behaviour as covering a worldwide activity. There must be a communication process that virus uses to succeed such a worldwide process. Both the communication and the intelligence mechanisms are embedded in the moleculer structure of the virus as processable hidden codes.

The electromagnetic equivalences of the significant processes in abovesaid schemes are designed with the method given in [6].

3.2 Building Mechanism of the Novel Virus

There must be some specific events making new virus different than all the virus behaviours we met previously.

What happened before December 2019 and what is happening, still, as an axtra different event than the previous events? The answer comes from the activities launching on the NEOs:

- 1- The Asteroid 52768 (1008 OR2) closes to the Earth and it will arrive the closest position to the Earth on 29 April 2020. May this event produce an answer? There must be some other things became before July 2019 even if the answer is positive.
- 2- The NASA mission OSIRIS-REx to explore the near-Earth asteroid Bennu arrived in December 2018 and brang some sand-like samples from the asteroid [16].

The asteroids sweeps the ingredients of pure dusts family, pDF (see [1-6]) with accelerating them. These pDFs are the most primitive ingredients graded in T_hS from NS by the inwards/outwards activities of sPSs and spontaneously build theirselves as inorganic simple particles and moves rapidly then the asteroid because of their almost zero masses so they arrive the places before the asteroid arrives there. The amount of these *pDFs* arriving to the Earth from Asteroid 52768 might have significant population. The OSIRIS-REx might sweep some pDFs around asteroid Bennu and these pDFs swept the each other accelerating them toward the Earth. The particle chains of these *pDFs* from both asteroids modify by sampling their environs and changes after they went into the atmosphere and build some inorganic and/or organic molecules with the organic and/or inorganic atoms and molecules what they found in the atmophere under the extremely high energy and frequency densities per their mass and volume [17] If there is significant NEs in the Earth's atmosphere during the interactions on pDFs in atmosphere then the result may be complex molecules, stochastically. These modified *pDFs* carried by the bodies of any kind of flying objects in the atmosphere like planes, birds, flying insects, drones, fires of firearms, etc. and some suitable organics when they find a fitting one. These complex process generates the new viruses' mechanisms like SARS CoV-2. The reason of other viruses; i.e., SARS, etc. may be the results of processes similar to above said process. The beginning of life on the Earth, absence of extinct species may be the results of the processes similar to these mechanisms generating the new viruses.

3.3 The Possible Triggers of *Exotic Virus Creation*

What is the reason making the novel virus exotic? Let us think about the processes could be act to the pandemic. The *physical preparer* behind the *significant* natural events is related to 2^{nd} order stochastic initial boundary value problem, 2oSIBVP connected to spontaneous optimization processes through the *S-cMbI* for any event topology, *AET* in *TDS* [9]. Every significant natural event may not generate significant activity because of stochastic couplings, *SCs* in the manner both increasing and/or decreasing influences among TDSs; therefore, there should be a more significant influencing ingredient with respect to previous viruses spreading widely. The answer is in the 2nd event occurred before December 2019 in §3.2. The small space vehicle returning to the Earth was a device using artificial intelligence at that event. The *pDFs* at the returning path of that vehicle are affected from that intelligence when sampling their environs. The reason of exotic topology of novel virus is the sampling processes in above said topic.

4 The Detection Processes for Significant NEs of Future TDSs

The *ED* of *future NE*, *FNE* is possible with using gravity waves interfering with electromagnetic waves iff specific analytical conditions are satisfied [1-13, 15, 17].

The significant natural events possible triggering exotic viruses has growing density distributed beginning around 1999 and gained its global maximum around 2018-2019; therefore, if the process is considered as a *stable distribution* having the pick in 2018-2019, then it has a half bandwidth of around 19-20 years while the process is accepted propagating with a standard probability density function. However, continuing use of the possible triggers are increasing, besides, there are more plans from several regions related to similar backward launching to the Earth. Every backward launching of small space vehicles constrains the creation of exotic viruses depending to the conditions related to the significant natural event processes.

5 Conclusions

The electromagnetically equivalences for modeling of *NEPs* with the approach bring the compact systems and devices to the Earth's natural events area for designing the electromagnetically equivalent networks to detect and prevent future *NEPs*, i.e., worldwide spreadable exotic viruses effectively. The equivalence scheme topic is formulated for both electromagnetic events and exotic viruses from the developing studies related to inflective spaces and inflective waves. The recent pandemic has a topology relatable to the first stage of a worldwide spreading exotic diseases manifold.

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