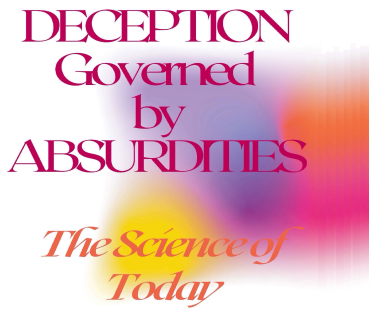
◅ Companion ▻

to



Vesselin C. Noninski

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Contents

INTRODUCTION

Extracted and assembled below are my main—nothing short of seminal—scientific contributions, put forth in my books, and especially in *"Deception Governed by Absurdities—The Science of Today"* (**timeisabsolute.org/5.html**) and *"Time is Absolute—Including an extra special bonus: How to Do Bad Science"* (**timeisabsolute.org**).

ABSURDITY OF THE "THEORY" OF RELATIVITY

LORENTZ TRANSFORMATIONS—THE MAIN CULPRIT FOR THE CONFUSED STATE OF PHYSICS

I often hear that people at large do not understand my point because there are formulae involved. There are too many problems—prices are rising, inflation is booming, kindergartens are full and I can't find a place for my kid, we'll freeze to death this winter, the war may come to our shores. There are too many things that threaten our very existence to bother with your formulae. Go figure them out in the confines of academia, don't give us a headache with such mundane things.

Further in the text, I will say something on how much detached our everyday problems are from the formulae of science, but first, I would ask you to perish, for a bit, the fear of formulae and consider how sensible it would be to agree that the distance between you on the couch and your TV set changes because cars, people on the street and planets in the universe move around you. Crazy, isn't it? Alas, this is exactly the craziness one of the two pillars of modern physics—the "theory" of relativity—resides on. Perishing for a moment the fear of formulae, you may want to know that the insanity just mentioned is expressed by a formula, which has been holding the thought process of

the world hostage for over a century. In symbolic form, that formula, as far as distance is concerned, looks like this

$$x_1 = \frac{1}{\sqrt{1-\frac{v^2}{c^2}}}(x - vt), \tag{1}$$

where x_1 is the spatial coordinate (the distance between you, sitting on the sofa, and your TV set), x is the spatial coordinate in a coordinate system secured to some externally moving body (tram, pedestrian, planet), v is the constant velocity with which a given externally moving coordinate system (tram, pedestrian, planet) is moving with respect to you, your couch and your TV set, c is the speed of light and t is time. The above formula, eq.(1), is one of the four formulae, comprising the so-called Lorentz transformations—transformations claimed (falsely) to present the coordinate in one coordinate system in another coordinate system.

As anyone even marginally familiar with maths from the years in high school when algebra is introduced, can clearly see, the Lorentz transformations imply that a constant is equal to a variable.

The discovery of this kernel of lunacy—the Lorentz transformations—declaring that a constant equals a variable, a discovery which I made in my search for the most accessible but rigorous and immediately comprehensible argument, now makes it extremely easy to distinguish between "theories" that aren't even worth the paper they're printed on.

Thus, find that a "theory" is based on the Lorentz transformations and that would be enough to consider that "theory" inherently unscientific and moot. As a result of the above discovery, it must be concluded that it is inevitable that anything having to do with Lorentz transformations must be removed from physics and deprived of public funding, with the mandatory withdrawal of official accreditation from universities that promote it, just as astrology and palm reading are deprived of academic accreditation and public funding. Remove the non-physical Lorentz transformations and all progeny, such as cosmology, string theories, various projects having to do with gravity waves, Higgs boson, today's particle physics and high energy physics, and they lose

any basis for existence. Therefore, they have no place in physics, especially funding with public funds. Thus, it should go without saying that, because anything stemming from the Lorentz transformations has no roots in reality, let alone, defying basic logic, as does the "theory" of relativity, any claim for experimental confirmation of the "theory" of relativity, and any claim connected in any way, shape or form with the Lorentz transformations, is out of the question and is an outright fraud.

The fatal flaw, discussed above, stemming from the ruinous application of non-physical constructs such as the Lorentz transformations, as well as, inadequacies comprising quantum mechanics, to be discussed also below, requires immediate dissemination and action to correct the calamitous fundamental errors in current mainstream physics. These errors have been the direct cause for the crisis in physics, a crisis which has been escalating for over a century, overflowing into society at large, causing its observable demise.

As a result of this singularly sharp and succinct pinpointing the Lorentz transformations, as the crux of the scientific disaster engulfing our world, the US Congress and the European Commission must show unequivocal political will and immediately cease public funding of any projects having anything to do with the Lorentz transformations. Nothing that would restore the integrity in science can be stated shorter and more rigorously than that. In addition, one need not read one more line of text on the matter of contemporary physics. Just this discovery, which lies at the bottom of all the rest of my discoveries regarding the absurdity of the "theory" of relativity, is enough to know that today's theoretical physics comprises an utter debacle.

Knowing the above; namely, that the Lorentz transformations themselves are absurd, one may be curious to learn that they lie at the bottom of, for example, the absurdity known as "theory" of relativity, especially if one really needs shortness yet rigorousness of debunking of that caricature of a scientific theory. One may at once observe that the generator of all the absurd folly known as "theory" of relativity is indeed the mentioned construct used. The construct in question, as much as mathematically inept, as lacking physical meaning, known by the name "Lorentz transformations" (applied but not named in ref.[1]),

has an even more sinister role—it is the culprit for the damage to the world, to an extent which no imagination can apprehend.

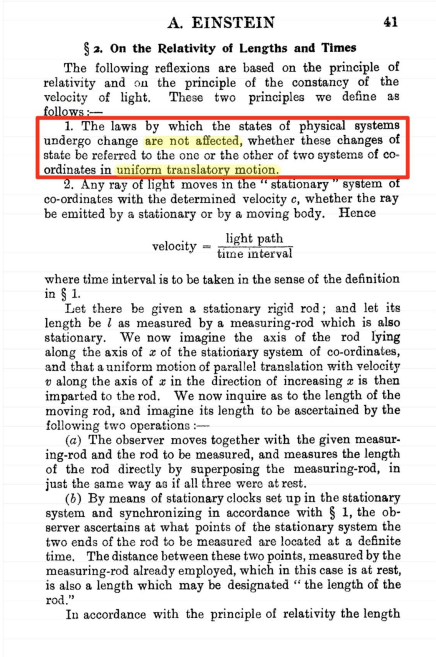
Next is an immediate example of that debunking.. The example that follows is for those who still fail to see the inanity of the Lorentz transformations, when shown as a separate formula, eq.(1). What follows is the effect, drastic in its absurdity, of the Lorentz transformations upon their application in a concrete physical case.

ABSOLUTE ULTIMATE PROOF FOR THE ABSURDITY OF THE "THEORY" OF RELATIVITY

What follows is the only proof, succinct yet rigorous, one needs in order to unequivocally convince oneself of the catastrophic invalidity of the "theory" of relativity. Moreover, any attempt at a valid critique, now existing and future, of the "theory" of relativity inevitably boils down to the argument presented below, an argument I discovered more than ten years ago, actually present in the public domain, but which has been successfully silenced by a very sophisticated, vicious system of aggressive propaganda and suppression of freedom of thought when it comes to academic and public recognition.

Fig.1 directly demonstrates, in the pages of the founding 1905 paper[1], the catastrophic violation of the first postulate (a.k.a. "the principle of relativity"), defined in §2, page 41, of that same founding 1905 paper[1].

As seen at once on page 62, shown back to back with page 41 in this same Fig.1, the set of equations, referred to the one of the two coordinate systems in uniform translatory motion, system K, differs from the second set of equations, referred to the other of these two coordinate systems in uniform translatory motion, coordinate system k—the former contains velocity v (explicitly and implicitly through $\beta = \frac{1}{\sqrt{1-\frac{v^2}{c^2}}}$), while the latter does not contain velocity v. This difference indicates that the physical law has been affected when Lorentz transformations are applied for the referring of this physical law to coordinate system K, in direct contradiction with the first postulate explicitly seen in §2 in Fig.1, a postulate also known as the principle



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§ 2. On the Relativity of Lengths and Times

The following reflexions are based on the principle of relativity and on the principle of the constancy of the velocity of light. These two principles we define as follows :—

1. The laws by which the states of physical systems undergo change are not affected, whether these changes of state be referred to the one or the other of two systems of co-ordinates in uniform translatory motion.

2. Any ray of light moves in the "stationary" system of co-ordinates with the determined velocity c, whether the ray be emitted by a stationary or by a moving body. Hence

$$\text{velocity} = \frac{\text{light path}}{\text{time interval}}$$

where time interval is to be taken in the sense of the definition in § 1.

Let there be given a stationary rigid rod; and let its length be l as measured by a measuring-rod which is also stationary. We now imagine the axis of the rod lying along the axis of x of the stationary system of co-ordinates, and that a uniform motion of parallel translation with velocity v along the axis of x in the direction of increasing x is then imparted to the rod. We now inquire as to the length of the moving rod, and imagine its length to be ascertained by the following two operations :—

(a) The observer moves together with the given measuring-rod and the rod to be measured, and measures the length of the rod directly by superposing the measuring-rod, in just the same way as if all three were at rest.

(b) By means of stationary clocks set up in the stationary system and synchronizing in accordance with § 1, the observer ascertains at what points of the stationary system the two ends of the rod to be measured are located at a definite time. The distance between these two points, measured by the measuring-rod already employed, which in this case is at rest, is also a length which may be designated "the length of the rod."

In accordance with the principle of relativity the length

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k

$$m\frac{d^2\xi}{d\tau^2} = \epsilon X',$$
$$m\frac{d^2\eta}{d\tau^2} = \epsilon Y',$$
$$m\frac{d^2\zeta}{d\tau^2} = \epsilon Z',$$

in which the symbols $\xi, \eta, \zeta, \tau, X', Y', Z'$ refer to the system k. If, further, we decide that when $t = x = y = z = 0$ then $\tau = \xi = \eta = \zeta = 0$, the transformation equations of §§ 3 and 6 hold good, so that we have

$$\xi = \beta(x - vt),\ \eta = y,\ \zeta = z,\ \tau = \beta(t - vx/c^2)$$
$$X' = X,\ Y' = \beta(Y - vN/c),\ Z' = \beta(Z + vM/c).$$

With the help of these equations we transform the above equations of motion from system k to system K, and obtain

K

$$\left.\begin{aligned} \frac{d^2x}{dt^2} &= \frac{\epsilon}{m\beta^3}X \\ \frac{d^2y}{dt^2} &= \frac{\epsilon}{m\beta}\left(Y - \frac{v}{c}N\right) \\ \frac{d^2z}{dt^2} &= \frac{\epsilon}{m\beta}\left(Z + \frac{v}{c}M\right) \end{aligned}\right\} \quad . \quad . \quad . \quad (A)$$

Taking the ordinary point of view we now inquire as to the "longitudinal" and the "transverse" mass of the moving electron. We write the equations (A) in the form

$$m\beta^3\frac{d^2x}{dt^2} = \epsilon X = \epsilon X',$$
$$m\beta^2\frac{d^2y}{dt^2} = \epsilon\beta\left(Y - \frac{v}{c}N\right) = \epsilon Y',$$
$$m\beta^2\frac{d^2z}{dt^2} = \epsilon\beta\left(Z + \frac{v}{c}M\right) = \epsilon Z',$$

and remark firstly that $\epsilon X', \epsilon Y', \epsilon Z'$ are the components of the ponderomotive force acting upon the electron, and are so indeed as viewed in a system moving at the moment with the electron, with the same velocity as the electron. (This force might be measured, for example, by a spring balance at rest

Fig.1. Page 41 of ref.[1], clearly postulating that uniform translatory motion is akin to rest. Page 62 of the same paper[1] demonstrates a direct brazen violation of that postulate, unequivocally invalidating the "theory" of relativity in its entirety.

of relativity, banning such affecting.

As seen from the explicit statement of the first postulate on page 41, the first postulate explicitly forbids such affecting of any physical law, including the physical law at hand.

Furthermore, those who had fallen into the trap set by the author of ref.[1], who deceived by foisting the lie that the state of the electron at rest differs from the state of the electron at uniform translatory motion (cf. Fig.3), may notice that this deception does not work here at all. Indeed, there is no doubt that on page 62, shown in Fig.1, the two coordinate systems k and K are only in uniform translatory motion, and therefore, according to the first postulate, the physical laws referring to k and K must not be affected. Alas, these physical laws

are affected, which is illegal and at once invalidates the "theory" of relativity in its entirety.

That one particular singular fact from Fig.1, staring the reader right in the eye, is entirely enough to conclude that the "theory" of relativity invalidates itself on the pages of it own founding 1905 paper[1]. That one particular singular catastrophic fact is sufficiently enough to mandate that the "theory" of relativity be removed from physics.

Now, although the above argument is entirely enough to denounce the "theory" of relativity as some annoying stupidity, deliberately worked out and aggressively foisted to contaminate the world of science, there is more to it. There can hardly be any doubt that the goals and the target of this offense are far wider than the limited confines of science. Case in point follows.

THE KERNEL UNDERLYING THE DESTRUCTION OF THE WORLD

This following concrete demonstration, incidentally, also fatal for the "theory" of relativity, entirely invalidating it altogether, of the already-shown brazen violation of the main definition postulated in the "theory" of relativity (in fact, that violation is the very essence of the "theory" of relativity) is presented mainly with the aim to directly point out exactly where the destruction of the world began; namely, by denying the objective absoluteness and singularity of truth. Short of nuclear war, and even that, no doubt a result of cognitive deficiency, the threat of the end of the world will not come from anthropogenic climate change, even if real, nor will it be due to pandemics, even if they are not fake, invented to serve a political purpose. The end of the world will come from the systematic effort, through false authorities, to destroy the basic essence of humanity—its reason and cognition, its ability to arrive at truthful knowledge, and especially its denial of the reality of truth

In the example shown below, we see shamelessly impudent imposition of the incorrect as correct, depending on how the author feels about it. Thus, if the highest degree of human intellect and cognition—science—allows for such an abomination, what remains for the

rest of the human existence? Well, what remains is to accept that lie is truth, that wrong is right, that black is white, and that death is life. Orwell's "1984" in full bloom. Why should we, then, wonder where the incredible today's perversions of understanding, impossible to even imagine some decades ago, came from. Take the shakiness imposed today in defining elementary concepts such as what a "woman" is. Such wavering stems from nothing other than science's mean-spirited assumption that something absolutely false is true.

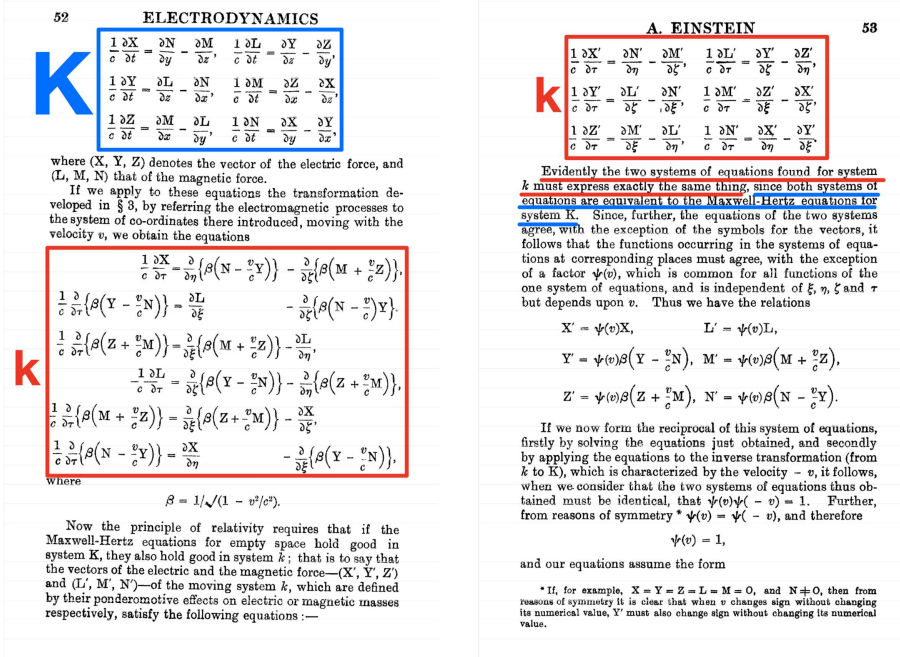
An obvious lunatic, vouching for such insanity, was pronounced as a scientific genius, a signature of the highest intellectual authority. It is not uncommon for politicians, who are always on shaky grounds, to use the name of that outright swindler and lunatic and his bland and untrue pronouncements as the ultimate and unquestionable final solid ground. Why look further for the answer as to why the world is in a mess today? Obviously, it was not for no reason why the 11 united monarchies governing the world, who have allowed the assistance of a financial elite and the peculiar military-industrial complex, resorted to this insanity—an insanity demolishing to smithereens the remnants of cognition of the billions, in the plan to turn them into an obedient mass, deficient in real comprehension.

If you hadn't had the author of ref.[1], there would be no "sixties" in its pejorative sense.

The connection implied is, indeed, hard to fathom. The least one can say, however, is that, while consistency of social and political claims is hard to prove, while evidence for them is considered circumstantial—the most journalism can do is rely on more than one source, in order to uncover the so-called "fake news" (if that uncovering is at all possible, provided that the global media are privately owned, dutifully serving the above-identified elite)—the proof for the misery of the "theory" of relativity is in-your-face, as direct as nothing else in the world can be.

You still don't believe me? You have to be really stubborn in your wrong beliefs to turn a blind eye to what was demonstrated or have some other interest. Wait till you see what follows, however. Well, the "doubting Thomases" are in for another big surprise. Consider Fig.2.

Fig.2 shows that the author of ref.[1] has gone beyond the confines



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$$\frac{1}{c}\frac{\partial X}{\partial t} = \frac{\partial N}{\partial y} - \frac{\partial M}{\partial z}, \quad \frac{1}{c}\frac{\partial L}{\partial t} = \frac{\partial Y}{\partial z} - \frac{\partial Z}{\partial y},$$

$$\frac{1}{c}\frac{\partial Y}{\partial t} = \frac{\partial L}{\partial z} - \frac{\partial N}{\partial x}, \quad \frac{1}{c}\frac{\partial M}{\partial t} = \frac{\partial Z}{\partial x} - \frac{\partial X}{\partial z},$$

$$\frac{1}{c}\frac{\partial Z}{\partial t} = \frac{\partial M}{\partial x} - \frac{\partial L}{\partial y}, \quad \frac{1}{c}\frac{\partial N}{\partial t} = \frac{\partial X}{\partial y} - \frac{\partial Y}{\partial x},$$

where (X, Y, Z) denotes the vector of the electric force, and (L, M, N) that of the magnetic force.

If we apply to these equations the transformation developed in § 3, by referring the electromagnetic processes to the system of co-ordinates there introduced, moving with the velocity v, we obtain the equations

k

$$\frac{1}{c}\frac{\partial X}{\partial \tau} = \frac{\partial}{\partial \eta}\left\{\beta\left(N - \frac{v}{c}Y\right)\right\} - \frac{\partial}{\partial \zeta}\left\{\beta\left(M + \frac{v}{c}Z\right)\right\},$$

$$\frac{1}{c}\frac{\partial}{\partial \tau}\left\{\beta\left(Y - \frac{v}{c}N\right)\right\} = \frac{\partial L}{\partial \xi} - \frac{\partial}{\partial \zeta}\left\{\beta\left(N - \frac{v}{c}\right)Y\right\},$$

$$\frac{1}{c}\frac{\partial}{\partial \tau}\left\{\beta\left(Z + \frac{v}{c}M\right)\right\} = \frac{\partial}{\partial \xi}\left\{\beta\left(M + \frac{v}{c}Z\right)\right\} - \frac{\partial L}{\partial \eta},$$

$$\frac{1}{c}\frac{\partial L}{\partial \tau} = \frac{\partial}{\partial \xi}\left\{\beta\left(Y - \frac{v}{c}N\right)\right\} - \frac{\partial}{\partial \eta}\left\{\beta\left(Z + \frac{v}{c}M\right)\right\},$$

$$\frac{1}{c}\frac{\partial}{\partial \tau}\left\{\beta\left(M + \frac{v}{c}Z\right)\right\} = \frac{\partial}{\partial \xi}\left\{\beta\left(Z + \frac{v}{c}M\right)\right\} - \frac{\partial X}{\partial \zeta},$$

$$\frac{1}{c}\frac{\partial}{\partial \tau}\left\{\beta\left(N - \frac{v}{c}Y\right)\right\} = \frac{\partial X}{\partial \eta} - \frac{\partial}{\partial \xi}\left\{\beta\left(Y - \frac{v}{c}N\right)\right\},$$

where

$$\beta = 1/\sqrt{(1 - v^2/c^2)}.$$

Now the principle of relativity requires that if the Maxwell-Hertz equations for empty space hold good in system K, they also hold good in system k; that is to say that the vectors of the electric and the magnetic force—(X′, Y′, Z′) and (L′, M′, N′)—of the moving system k, which are defined by their ponderomotive effects on electric or magnetic masses respectively, satisfy the following equations :—

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$$\frac{1}{c}\frac{\partial X'}{\partial \tau} = \frac{\partial N'}{\partial \eta} - \frac{\partial M'}{\partial \zeta}, \quad \frac{1}{c}\frac{\partial L'}{\partial \tau} = \frac{\partial Y'}{\partial \zeta} - \frac{\partial Z'}{\partial \eta},$$

$$\frac{1}{c}\frac{\partial Y'}{\partial \tau} = \frac{\partial L'}{\partial \zeta} - \frac{\partial N'}{\partial \xi}, \quad \frac{1}{c}\frac{\partial M'}{\partial \tau} = \frac{\partial Z'}{\partial \xi} - \frac{\partial X'}{\partial \zeta},$$

$$\frac{1}{c}\frac{\partial Z'}{\partial \tau} = \frac{\partial M'}{\partial \xi} - \frac{\partial L'}{\partial \eta}, \quad \frac{1}{c}\frac{\partial N'}{\partial \tau} = \frac{\partial X'}{\partial \eta} - \frac{\partial Y'}{\partial \xi}.$$

Evidently the two systems of equations found for system k must express exactly the same thing, since both systems of equations are equivalent to the Maxwell-Hertz equations for system K. Since, further, the equations of the two systems agree, with the exception of the symbols for the vectors, it follows that the functions occurring in the systems of equations at corresponding places must agree, with the exception of a factor $\psi(v)$, which is common for all functions of the one system of equations, and is independent of ξ, η, ζ and τ but depends upon v. Thus we have the relations

$$X' = \psi(v)X, \qquad L' = \psi(v)L,$$

$$Y' = \psi(v)\beta\left(Y - \frac{v}{c}N\right), \quad M' = \psi(v)\beta\left(M + \frac{v}{c}Z\right),$$

$$Z' = \psi(v)\beta\left(Z + \frac{v}{c}M\right), \quad N' = \psi(v)\beta\left(N - \frac{v}{c}Y\right).$$

If we now form the reciprocal of this system of equations, firstly by solving the equations just obtained, and secondly by applying the equations to the inverse transformation (from k to K), which is characterized by the velocity $-v$, it follows, when we consider that the two systems of equations thus obtained must be identical, that $\psi(v)\psi(-v) = 1$. Further, from reasons of symmetry * $\psi(v) = \psi(-v)$, and therefore

$$\psi(v) = 1,$$

and our equations assume the form

* If, for example, $X = Y = Z = L = M = 0$, and $N \neq 0$, then from reasons of symmetry it is clear that when v changes sign without changing its numerical value, Y′ must also change sign without changing its numerical value.

Fig.2. Pages 52 and 53 of the original paper[1] (translated in English) with my remarks [VCN] for prompt comprehension of the catastrophic problem, which, aside from invalidating at once the "theory" of relativity, also demonstrates the imposition of the crooked thinking, allowing for two most evidently different things (the two equation sets referring to coordinate system lower case k) to be considered as equal.

of physics and has put on paper, with incredible impunity, a lie which any pedestrian can discern—the author of ref.[1] declares two obviously different systems of equations, without a doubt expressing different things (the systems of equations referring to the coordinate system denoted by lower case k are different because one system of equations referring to k contains velocity v, while the other system of equations referring to the same k does not contain velocity v), as formulae that "must express exactly the same thing", not to mention the lie that the formulae for k were equivalent to the formulae for K. No, they are obviously not equivalent—the formulae for K do not contain the velocity

v, while the formulae for k on page 52 contain the velocity v.

The implication is that the real truth does not matter. The individual makes the truth depending on his interpretation, or his point of view. If a biological man, who objectively has XY chromosome couples, happens to feel he is a woman, society is required, and even forced, to recognize that individual's own perception about himself as the truth, ignoring what is actually true, at least from biological point of view. *Vice versa*—if a biological woman feels she's a man, then we are mandated to accept that as true. Hence, a man can become pregnant and undergo abortion.

Concerning the social issues that touch on honoring truth, but find a pernicious respite in the destroyed mentality of the present world, in which supposedly (if it's in the interest of the elite) "anything goes", we can add the following. If we perish the theological arguments and stick with the truth of the matter, and if we respect science and consider biology as science, one may wonder how much the pro-abortion outcry "My body, My choice" is true, given that, in fact, the choice a woman makes from the moment the first cell forms after conception, is about the life or death of an entirely different body, not hers, with a different DNA and general biology. Some are very flippant about such moral-ethical dramas and, indeed, tragedies, whose liberal admission of judgment is tantamount to making life-and-death decisions for someone other than yourself on the basis of that someone's immaturity or other biological characteristics that the decision-making self-appointed demiurge finds plausible—pure Nazi ideology. The maintenance of such toxic social atmosphere is an expression of the most obscurantist and misanthropic circles in the world. They must be strongly opposed by anyone who has the least bit of respect for morals and democracy.

The stipulation allowing the syllogism that once higher echelons of thinking have decayed, as is true of science today, then that premise inevitably leads to the decay of society in its widest aspects, constitutes the heart of the societal ruminations here. The logic laid out in this book signifies that those who support or are nonchalant about the absurd state of current physics are enablers of these dark forces and can never be innocent.

What is most troubling is that mandating acceptance of what is now known as anomaly is not some kind of expression of democracy, whereby coexistence of ideas and attitudes is part of the democratic tradition. In the "evolution" from the destruction of physics fundamentals to that destruction attaining the current social disaster, the anomaly, the aberration, the pathological is imposed as the norm. This is as far from democracy as glass from diamond. None other than the adopted absurd, lying, deceitful, physics is instructing to change our thinking in this vicious direction and adopt travesty such as the "gender" theory as legitimate science. Hard science instructs the soft science, and if the hard science is rotten to the core, as it is today, the soft science unbridledly amplifies that rot to grotesquely bizarre heights. One really wonders what awaits us if the fundamentals of physics are not repaired and returned to sanity.

Again, if the seed for that kind of thinking was not sown by the likes of the author of ref.[1], then there would be no decadence which began in the sixties. We would not be witnessing the recent embarrassing situations such as the exchange between one US Senator and a professor in some social science at an infamous West Coast university, the outbreak of this kind of iniquitous thinking. The arrogance of that "professor" was stunning and only the restrained behavior of the seasoned politician made him refrain from asking that professor to be held in contempt of the US Congress. From our point of view—the US taxpayers who voted for the Senator—that Senator's politeness may not be the most proper. He should have taken a firmer stance. Of course, no matter what the reaction of the Senator might have been, that would have been only palliative. The real solution to this disaster is for the US Congress to include in its legislation a stipulation that it will no more fund projects based on the Lorentz transformations and will ban the states from accrediting institutions tolerating these transformations in their curricula and science projects. Don't university curricula prohibit homeopathy and spiritualism? Tolerating and encouraging the pursuit of quantum mechanics and especially the "theory" of relativity is an incomparably more malignant affront to knowledge.

Well, one may try to argue, can't a person be wrong when hon-

estly pursuing the truth? The answer is decisively in the negative when it comes to a person of such world impact as the author of ref.[1] You and I are free to be wrong any time, even whether or not honestly pursuing the truth (of course, the decent thing is that we also refrain from massaging the truth). The last thing the person who has been declared a scientific genius should be doing is for him and his followers to continue maintaining their erroneous theses, greatly harming the world of science and beyond. To continue persistently to be wrong, to maintain their notion of their idol as the greatest thinker under these circumstances, when unequivocally proven wrong, is nothing short of a crime against humanity.

To be noted also—the above is a purely secular argument having nothing to do with any faith or denominational or sectarian belief.

THE SCHIZOPHRENIA OF THE "THEORY" OF RELATIVITY

Having already seen unequivocally that the "theory" of relativity is an absurdity that has absolutely no place in physics and in the world's conscience, the example that follows (cf. Fig.3) is only given as another illustration of the joke the "theory" of relativity comprises in and of itself. The brand of insanity demonstrated in this example is the schizophrenia of the "theory" of relativity as another expression of its invalidity. Of course, the schizophrenic outcome to be shown may serve independently as the sole unequivocal argument against the "theory" of relativity.

In order to give the perfidious appearance of achieving the desired coexistence of true (the set of equations referred to coordinate system upper case K on page 61) and untrue (the set of equations referred to the same coordinate system upper case K but seen on on page 62), the author of ref.[1] deceitfully creates the wrong impression, in defiance of the already mentioned principle (the "principle of relativity") he himself has elevated to a postulate of his "theory", that he is observing the electron in two different states—one at rest, and the other one in uniform translatory motion. Because that division is non-existing, as the discoverer of the "principle of relativity", Galileo, teaches us, the bizarre outcome of what the author of ref.[1] has created amounts to

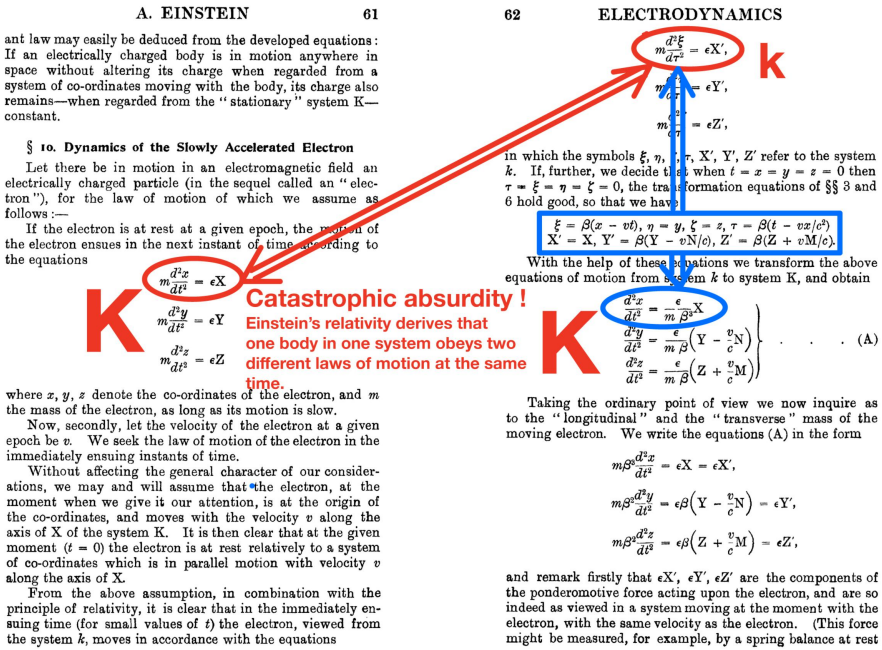

Fig.3. Pages 61 and 62 of ref.[1], demonstrating the coexistence which the author of ref.[1] allows between the correct and the incorrect outcome of referring the equation of a physical law to one or the other of the two systems in uniform translatory motion. As seen, the "theory" of relativity leads to the senseless conclusion that one body in one system K obeys two different laws of motion at the same time—obvious absurdity.

reaching the insane schizophrenic conclusion that one and the same body (the electron), in one and the same coordinate system (system upper case K), obeys two different laws of motion at the same time—a brazen absurdity.

Unbelievable as the above may sound, what has just been said stands right in your face, even after a cursory reading of the paper[1] itself. One is really stunned when witnessing this never seen before impudent contempt for reason in science, propagated to the heavens as the golden standard of physics. Such an improper attitude towards doing science really tempts one to lose the academic tone of the ex-

posé. It would never even cross the mind of the ordinary, honest scientist to allow for such a kind of intellectual deformation, let alone commit it. There could hardly be anyone who would find his way in the corridors of academia with such contemptible behavior towards research and science as a whole.

ABSURDITY SUCH AS THE "THEORY" OF RELATIVITY CANNOT DERIVE ANYTHING, LEAST OF ALL ANYTHING EXPERIMENTALLY TESTABLE

We will now make the following a separate section, in order to give it special emphasis and attention, because to this day, there are attempts to extract money from the governments for "experimental testing" of the "theory" of relativity. Let alone that the propaganda spreads far and wide the ugly lie that the "theory" of relativity has already been experimentally verified. It must be heard loud and clear—it is impossible for an absurd theory such as the "theory" of relativity to derive anything. In particular, it is a lie that the absurd "theory" of relativity derives $E = mc^2$, not to mention the absurd "theory" of relativity resulting in technologies of the atomic bomb variety. To say nothing that, as said, science itself is only producer of knowledge. Technology rummages everywhere for applied technical ideas, which it sometimes finds even in the findings of the unsuspecting science. If technology arrived from science, then, with the science we have today, planes would crash mid-flight and there would be no uncollapsed bridge.

Let's say it again, in order to hear it well—because nothing at all can follow from an absurdity such as the "theory" of relativity, the least of all that can follow from it is anything experimentally testable.

FALSE CLAIM THAT THE "THEORY" OF RELATIVITY DERIVES $E = mc^2$

Not only in view of the great interest the mass-energy relation $E = mc^2$ invokes, but also, as will be seen later, because it has a direct connection with classical physics, in particular, with classical mechanics, we need to again specially spell out explicitly, that the "theory"

of relativity[1] cannot have anything whatsoever to do with the mass-energy relation $E = mc^2$, despite the vigorous propaganda that it does. Notably, expressing in words what many before you, such as Heinrich Schramm, Nikolay Umov, Friedrich Hasenöhrl and Oliver Heaviside, have already worked on and derived, does not mean that you have anything to do with it, least of all that you are the discoverer, let alone that the joke you have pronounced to be a scientific theory derives it.

As already flatly emphasized, the "theory" of relativity[1] is an absurdity, and therefore it cannot derive anything whatsoever, to begin with. Neither does it even deserve any discussion at all.

On top of it, even if we agree, for the sake of argument, to integrate the erroneous x-axis component $\frac{d^2x}{dt^2} = \frac{\varepsilon}{m\beta^3}X$; that is, $m\beta^3\frac{d^2x}{dt^2} = \varepsilon X$, of the obviously absurd eq.(A) in §10 of ref.[1], obtaining

$$\int \varepsilon X dx = \int \beta^3 m \frac{d^2x}{dt^2} dx$$

$$\int \varepsilon X dx = \int \beta^3 m \frac{dv}{dt} dx$$

$$\int \varepsilon X dx = \int \beta^3 m \frac{dx}{dt} dv$$

$$\int \varepsilon X dx = \int \beta^3 m v dv,$$

which is the integral seen on page 63 (§10) of ref.[1]:

$$W = m\int_0^v \beta^3 v dv, \tag{2}$$

even then we will notice something very important, which the author of ref.[1] has deceptively confused.

Quite notably, the velocity v seen in eq.(2) is not the same veloc-

ity $\textcircled{v}$ seen in the expression for the coefficient $\beta^3 = \left(\frac{1}{\sqrt{1-\frac{\textcircled{v}^2}{c^2}}} \right)^3$. The first derivative of velocity v in $\varepsilon X = \beta^3 m \frac{d^2x}{dt^2} = \beta^3 m \frac{dv}{dt}$ refers to the increasing velocity with respect to a given coordinate system under the impact of a constant force (of course, a constant force applied at a given moment t). In contrast, the velocity $\textcircled{v}$ in $\beta^3 = \left(\frac{1}{\sqrt{1-\frac{\textcircled{v}^2}{c^2}}} \right)^3$ refers to the constant velocity which the studied inertial coordinate system has with respect to another inertial coordinate system. These are two completely different velocities, absolutely not associated with each other. Notice, for example, that when no constant force is acting on the uniformly translatorily moving body at constant velocity $\textcircled{v}$, there will be no velocity in the expression $\varepsilon X = \beta^3 m \frac{d^2x}{dt^2} = \beta^3 m \frac{dv}{dt}$, containing the first derivative of v. There simply will be no force at all in that expression. In fact, there will be no such expression at all, to adorn the integral.

Therefore, because velocity $\textcircled{v}$ is constant, for the observed systems K and k, coefficient β is also a constant. Consequently, the coefficient β can be factored out of the integral

$$W = m\beta^3 \int_0^v v dv$$

$$W = m\beta^3 \int_0^v \frac{1}{2} dv^2$$

$$W = \frac{m\beta^3}{2} \int_0^v dv^2$$

$$W = \frac{m\beta^3}{2} v^2 \Big|_0^v$$

$$W = \beta^3 \frac{mv^2}{2}, \tag{3}$$

obtaining an expression, which is only a wrong formula for the kinetic energy in K and is not at all

$$\boxed{W = mc^2 \left\{ \frac{1}{\sqrt{1-\frac{v^2}{c^2}}} - 1 \right\}}, \tag{4}$$

or

$$\boxed{W = mc^2 \{\beta - 1\}}, \tag{5}$$

as one spots in §10 of the 1905 text putting forth the "theory" of relativity[1].

Therefore, $E = mc^2$ cannot be derived even formally, even if we forget, for the sake of argument, the self-invalidating "theory" of relativity, and attempt to derive $E = mc^2$ only from the Lorentz transformations, because, as just demonstrated, even this formal play with formulae, is incorrect

$$W = \int \varepsilon X dx = m \int_0^v \beta^3 v dv \neq mc^2 \left\{ \frac{1}{\sqrt{1-\frac{v^2}{c^2}}} - 1 \right\}. \tag{6}$$

Thus, not only can the "theory" of relativity not derive anything whatsoever, but even when trying to use the Lorentz transformations alone, as non-physical as they are, all that is derived is a wrong formula for the kinetic energy in K. Even the Lorentz transformations, standalone, unassociated with the "theory" of relativity, cannot derive $E = mc^2$. $E = mc^2$ cannot be derived even formally in the specified non-classical way. Further in this book we will demonstrate the classical derivation of $E = mc^2$, a relationship, actually, inherent in classical physics.

We must also emphasize that the above exercise was completely unnecessary, and was given just for fun, as an entertaining pastime for some who may be curious as to how the media sensation at all

came about that the "theory" of relativity was inferring anything, to say nothing of the claim that the "theory" of relativity derives the flabbergasting formula $E = mc^2$.

The above exercise was completely unnecessary, most of all because, as was seen, prior to even considering that derivation, that so-called "theory" of relativity has already catastrophically collapsed on the very pages of its own 1905 paper[1], the paper where it was first put forth—recall, the "theory" of relativity senselessly derives that one body in one system obeys two different laws of motion at the same time. This is an absurdity which invalidates the "theory" of relativity for any further consideration. The "theory" of relativity cannot be a part of any scientific discourse whatsoever, least of all derive anything or be the subject of any experimental testing. It is a complete, flagrant dead-end and a disgrace.

ANOTHER INSTANCE[2] OF A FALSE CLAIM FOR DERIVING $E = mc^2$

It's a lie that ref.[2] (one of the four unfortunate papers that the discussed author published in 1905, a year ridiculously celebrated as *annus mirabilis*) derives $E = mc^2$, because it draws its conclusions from the equation

$$\ell^* = \ell \frac{1 - \frac{v}{c} cos\phi}{\sqrt{1 - \frac{v^2}{c^2}}}, \tag{7}$$

which is obtained using the non-physical Lorentz transformations. No physically valid relationship can be derived from a relationship, such as the Lorentz transformations, which has no physical meaning. Furthermore, there was no need to even mention ref.[2] because, as shown, it is an absurdity and nothing whatsoever can follow or be derived from absurdity, least of all the mass-energy relationship $E = mc^2$, no matter how many more attempts than the 7 or so attempts the author of ref.[1] had hallucinated in the hope to derive that formula from the "theory" of relativity.

What was said so far should be enough to conclude that any fur-

ther attempt to portray that the "theory" of relativity derives $E = mc^2$ must be rejected most decisively.

A DEMONSTRATION THAT $E = mc^2$ IS INHERENT IN CLASSICAL PHYSICS

Later in this "Companion", we will spend time demonstrating that $E = mc^2$ is intrinsically part of classical physics. As a heads-up, we will now demonstrate that $E = mc^2$ is inherent in classical physics using as an example Ampere's law, subjecting it to dimensional analysis.

Ampere's law

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \varepsilon_0 \mu_0 \frac{\partial \mathbf{E}}{\partial t}, \tag{8}$$

considering that $\varepsilon_0 \mu_0 c^2 = 1$, can be written also as

$$c^2(\nabla \times \mathbf{B}) = \frac{1}{\varepsilon_0}\mathbf{J} + \frac{\partial \mathbf{E}}{\partial t}, \tag{9}$$

where

B is the magnetic field $\left[\frac{kg}{C\ s}\right]$
E is the electric field $\left[\frac{V}{m}\right]$
J is the current density $\left[\frac{A}{m^2}\right]$
μ_0 is the permeability of free space $\left[\frac{T\ m}{A}\right]$
ε_0 is the permittivity of free space $\left[\frac{C}{N\ m}\right]$
$\nabla = \frac{\partial}{\partial x}\mathbf{i} + \frac{\partial}{\partial y}\mathbf{j} + \frac{\partial}{\partial z}\mathbf{k}$ $\left[\frac{1}{m}\right]$, where **i**, **j** and **k** are the unit vectors

C, m, V, kg, A, T and N being, respectively, Coulomb, meter, Volt, kilogram, Ampere, Tesla and Newton. The above dimensions of the SI units participating in the Ampere law, are standard and can be found in the Handbooks of Chemistry and Physics, for example.

Dimensional analysis of Ampere's law ultimately leads to

$$[kg]\ c^2 = \left[\frac{m\ N\ C\ s}{C\ s}\right] = \left[\frac{V\ C\ s}{s}\right] = [V\ A\ s] = \left[\frac{J}{\cancel{s}}\cancel{s}\right] = [J]. \tag{10}$$

or

$$\underbrace{[kg\ c^2]}_{\mathrm{mc^2}} = \underbrace{[J]}_{\mathrm{E}}, \tag{11}$$

expressing the dimensions of

$$\boxed{E = mc^2} \tag{12}$$

A SIMILAR FLAW OF THINKING

A flaw of thinking, similar to the flaw in relativity, is observed in a 1917 paper[3] by the same author, unsuccessfully attempting to derive the Planck radiation law (Plank himself also fails to derive it, as we will see later in the text.)

The author of relativity[1] writes in another, paper[3], unrelated to relativity, the following balance equation, valid for equilibrium at a lower temperature T_1:

$$p_n e^{-\frac{\varepsilon_n}{kT}} B_n^m \rho = p_m e^{-\frac{\varepsilon_m}{kT}} \left(B_m^n \rho + A_m^n \right), \tag{13}$$

where p_n and p_m are statistical weights of the states n and m, ρ is radiation density of frequency ν, A_m^n is a constant characteristic of the spontaneous $m \rightarrow n$ transition (spontaneous emission, according to eq.(A) on page 50 of the German original of ref.[3]), B_n^m and B_m^n are constants expressing the change of state under induced emission and absorption.

In order to "arrive" at Planck's radiation law, the author of paper[3] invokes the fact that at extreme temperatures ($T_2 >> T_1$) eq.(13) becomes:

$$p_n B_n^m = p_m B_m^n. \tag{14}$$

There is no justification, however, to substitute, as the author of paper[3] has done, the coefficient $p_n = p_m \frac{B_m^n}{B_n^m}$, expressed through eq.(14) (valid for extreme temperatures), into eq.(13) (valid for lower temperatures).

Indeed, quite incredibly, the author of ref.[3] makes the following illegal substitution of $p_n = p_m \frac{B_m^n}{B_n^m}$, obtained from eq.(14), into eq.(13)

$$p_m \frac{B_m^n}{B_n^m} e^{-\frac{\varepsilon_n}{kT}} B_n^m \rho = p_m e^{-\frac{\varepsilon_m}{kT}} \left(B_m^n \rho + A_m^n \right) \tag{15}$$

$$\cancel{p_m} \frac{B_m^n}{\cancel{B_n^m}} e^{-\frac{\varepsilon_n}{kT}} \cancel{B_n^m} \rho = \cancel{p_m} e^{-\frac{\varepsilon_m}{kT}} B_m^n \rho + \cancel{p_m} e^{-\frac{\varepsilon_m}{kT}} A_m^n$$

$$B_m^n \left(e^{-\frac{\varepsilon_n}{kT}} - e^{-\frac{\varepsilon_m}{kT}} \right) \rho = e^{-\frac{\varepsilon_m}{kT}} A_m^n$$

$$\rho = \frac{e^{-\frac{\varepsilon_m}{kT}} A_m^n}{B_m^n \left(e^{-\frac{\varepsilon_n}{kT}} - e^{-\frac{\varepsilon_m}{kT}} \right)}$$

$$\rho = \frac{\frac{A_m^n}{B_m^n}}{\left(e^{\frac{\varepsilon_m - \varepsilon_n}{kT}} - 1 \right)}, \tag{16}$$

and brazenly claims that ... Voila! ... he has managed to derive Planck's spectral energy density distribution law.

This errant simulation of a "derivation" is enough of an illustration as to what damage to science the author of ref.[3] has done, comparable only to the greatest travesty science has ever witnessed in its history, "theory" of relativity. The catastrophic error shown above outright excludes paper[3] as a candidate for scientific consideration whatsoever. Consequently, we need not dwell further into that author's subsequent conjectures in that paper at all.

The derivation in ref.[3] fails fatally right at the substitution step, resulting in eq.(15). If we agree with the above preposterous substitution, producing eq.(15), so that further on Planck's radiation law be "derived", it would mean we agree that at a given temperature, there are, at the same time, two completely different equilibria for one and the same system—one equilibrium involving spontaneous emis-

sion and Boltzmann's law (eq.(13)), the other equilibrium occurring simultaneously with the first equilibrium, in absence of spontaneous emission as well as lacking Boltzmann distribution (eq.(14)). This is internally contradictory, and therefore, unacceptable, amazingly, for the same sort of absurdity as the absurdity characterizing the "theory" of relativity.

From the above, it is seen that the author of ref.[3] has not been able to derive what is known as Planck's radiation law (underived by Planck as well), despite the widely spread opinion that he has. Thus, since the derivation[3] is considered the basis of laser theory but is evidently flawed, as seen above, the laser, at this time, has no theoretical basis. Laser is just a technical achievement, arrived at solely due to the engineering ingenuity of certain inventors, with scientific basis wanting.

Because the repetition of the same flaw elsewhere is so shocking, it may again be recalled, that in exactly the same way, the same author, albeit on a completely different topic, relativity[1], resorts to precisely the same sort of absurdity, deriving that one body in one system obeys two different laws of motion at the same time. In a separate section, we already commented on this remarkably grandiose travesty, unmatched in the entire history of science in its brazen absurdity, elevated to such prominence as the opposite, as otherworldly science. However, it would be appropriate to comment on it in the present context as well, allowing one to become exposed to the same brand of absurdity in the two unrelated instances (relativity and laser theory, as it were), commented back to back. If the reader excuses the repetition, that would aid in really impressing upon the reader this most important flaw of all physics in all of its history, considering the ubiquitousness and historical magnitude of its impact.

Thus, compare the just observed flawed logic in ref.[3] with the same type of flawed logic in a paper by the same author—ref.[1]—the latter reference having nothing to do with the former, as a subject of study—and, let us say it again, recognize that we are encountering a recurring problem, involving unnoticed persistent internal contradictions in certain exuberantly celebrated "theories", "theories", which, instead, must most decisively be removed from science in their en-

tirety.

Let us interject here, in passing, that, unlike philosophy, which misleadingly allows all sorts of views, even contradictory ones, to coexist, science mercilessly removes views and theories from its annals when it finds them to be wrong. Science itself never remembers the defunct ideas and theories (unless one is interested in the history of science).

Back to the topic—indeed, the entire "theory" of relativity must be rejected altogether because of its internal contradictions, rendering it the absurdity of the century. As shown in ref.[5], the author of the "theory" of relativity[1] requires that the one and only motion of one and the same body in one and the same system K, be described by two different laws of motion:

on the one hand by $m\frac{d^2x}{dt^2} = \epsilon X$,
and on the other, by $m\beta^3\frac{d^2x}{dt^2} = \epsilon X$ (§10 of ref.[1]).

Recognize again also the deception the author of ref.[1] resorts to, aimed at foisting as legitimate the above schizophrenic idea. The deception consists of trying to trick the reader in §10 of ref.[1] into thinking that the observed electron, being in uniform translatory motion, can be in two different states; namely, in a state of rest, on the one hand, and on the other, in a state of motion, differing from the state of rest. However, the electron, even by author's own admission, is moving at constant velocity v. Therefore, the electron is moving with uniform translatory motion. Rest and uniform translatory motion are indistinguishable, however, according to the principle of relativity, discovered by Galileo, and borrowed by the author[1], without reference to Galileo, as the first postulate of the unfortunate "theory" of relativity, with which the author[1] has soiled the scientific literature. The electron, by the very definition of the "theory" of relativity, is not in two differing states, when that electron is in a state of rest as well as in a state of uniform translatory motion. According to the principle of relativity, the electron is in only one state, both when it is in the state of rest, and when it is in a state of uniform translatory motion. It is a deception, a lie, that said electron can differ in its state when it is in

the state of uniform translatory motion as opposed to when it is in the state of rest. These two states are the same thing as far as the state of the electron with regard to motion goes—in both cases, the electron is not in motion (despite the word "motion" seen in the term "uniform translatory motion"), it is at a state of rest or at a state akin to rest. Therein lies Galileo's great discovery (perhaps, his greatest discovery), which rejects Aristotle's view that all motion is operative. Galileo, with a baroquely lavish example (cf. Galileo's famous ship in his book "Dialogue Concerning the Two Chief World Systems") illustrates a state—the uniform translatory motion—which, despite the word "motion" in its name, is not motion in its own sense, it is not operative, but is akin to rest.

Nevertheless, the lie is told and utilized to deceive the reader and the author[1], as a skilled swindler, sits on the fence, watching the gullible entangle themselves in this cobweb of absurdity and deception, enchanted by the awesomeness of the "genius", even to the point of adoring him when the latter is sticking out his tongue to the world. To resort to a deception like the above to twist the meaning of something you yourself postulated (let alone appropriating it without credit from someone else) to make it look like you made a world discovery is shameful and disgraceful. It is the most disgusting scandal of the century.

If one wants to dwell more into this senselessness, one may also note that the "theory" of relativity[1] (which assumes $\beta \neq 1$, seen in the formulae of §10) incorrectly derives that one and the same body in one and the same system has simultaneously two different values of mass—an obvious internal contradiction. Let alone that, according to the first postulate of said "theory", the mass of the body must necessarily be independent of velocity, which is exactly the opposite of the widely advertised claim that the "theory" in question derives velocity-dependent mass.

SYSTEMATIC ABOMINATION

Because of its crucial importance, it is to be emphasized once again, that the type of erroneous thinking, displayed in ref.[3], of the

same kind as the erroneous thinking in ref.[1], is one of the observations made in other cases as well, supporting the conclusion that we are dealing with a systematic problem characterizing low quality thinking. Seeing the same type of flawed thinking in ref.[3] and elsewhere, reported in the current document (cf. the section on wave-particle duality as well as the section on anomalous specific heat of solids), is in support of the conclusion that the crucial flaw in paper[1] is not some happenstance error, but is an expression of recurring massively imposed erroneous thinking, marring science to the core. This sort of particularly constructed twisted thinking has been methodically foisted on society for over a century now, as some kind of non-intuitive, innovative thinking. That has further adversely shaped the intellectual milieu in other disciplines at universities, thus taking the rest of society on a really destructive intellectual path, trying to deceptively convince society that "imagination is more important than knowledge", especially that kind of "imagination", allowing the portrayal that "one equals two", is true, ignoring the insurmountable fact that, in actuality, it comprises a gross error in science.

Counter-scientific abominations, such as the one observed in paper[1], are systematic for that author. It became clear that these abominations have nothing to do with the subject of the concrete study but are a staple of low-quality thinking. In fact, that travesty is of such low quality that it is no less than insulting to the reader, let alone to the plethora of the good, hard-working scientists of high integrity. The shown determination by the author of ref.[6] to accept as equal two obviously non-equal quantities, is a replica of what the same author does in §6 of ref.[1], where, as a reminder, one reads after the third system of equations (cf. Fig.2):

> **"Evidently the two systems of equations found for system k must express exactly the same thing, since both systems of equations are equivalent to the Maxwell-Hertz equations for system K."**

However, what is really obvious is that the two systems of equations found for system k most evidently do not express the same thing, let alone, one of them is not equivalent to the Maxwell-Hertz equa-

tions for system K. On the contrary, the two systems in question are flagrantly different—one contains velocity v, the other doesn't. The abomination seen in the 1917 paper[3] also carries out a derivation on the absurd premise that two unequal quantities are equal. Here is a third example of an absurdity of similar kind—the conclusions in[6] (see below) is also based on the implication that two unequal quantities are equal—otherwise the presumed analogy, discussed in the paper, cannot be "derived" and the wave-particle character of the electromagnetic waves would remain with no theoretical basis, as is actually the case.

It is incredible that one should have such thinking, aggressively flawed, yet domineering, and that it should have so much impact on the world, entirely occupying its higher intellectual echelons.

DAMAGED THINKING HAS REACHED THE HIGHEST ECHELONS OF GOVERNANCE

Discovery that this intellectual damage has gone so far as to cause one President of the United States to hold the impression that the Constitution can be characterized by a space and that "Constitutional space" can be curved because physics had said so, is nothing less than disheartening. This is preposterous, first of all because no conclusions of physics should be directly, mechanically migrated into the principles of jurisprudence, and, most importantly, because real, uncorrupted physics, free of deception and absurdity, has never proved anything even remotely connected with curved space.

Further on, we will present yet other failed attempts to derive blackbody radiation, also a product of the above-discussed impaired thinking.

To end the topic devoted to relativity, we will wrap it up with the greatest discovery in science of all times—the unequivocal proof for the absoluteness of time. The correct understanding of the absoluteness of time is restored when the fallacy of the Lorentz transformations is realized. In what follows, however, we will examine it and prove its absoluteness from first principles.

TIME IS ABSOLUTE

The discovery that time is absolute follows directly from combining these two absolute truths:

• Spatially coincident clocks are synchronous

• All clocks secured immovably to a coordinate system are synchronous

Therefore, at any given moment, any clock, moving or not, is synchronous with any other clock.

From the above it follows that:

• Time-dilation, and its funny consequence, the "twin paradox", is absolutely impossible—the rate of time in any system, moving or not, is the same.

• Length-contraction is absolutely impossible—the length of any rigid rod, moving or not, remains the same.

• Relativity of simultaneity is absolutely impossible. It is an absolute truth of nature that synchronous events in one coordinate system are synchronous in any other coordinate system, moving or not.

As short and seemingly simple as these argument may appear, they have a profound meaning—the significance of the discovery that time is absolute, spelled out above, transcends with its generalness and fundamentality any other possible discovery in science. It overturns a long-held very destructive belief that time can be the subject of influences and change, let alone be merged into a non-entity known as "spacetime", as a component equivalent to notions such as space, notions completely foreign to the essence of time.

QUANTUM MECHANICS—A NON-SCIENCE

CATASTROPHE OF PLANCK'S PAPER ERRONEOUSLY ALLEGED TO HAVE INITIATED QUANTUM MECHANICS

After seeing the ease with which the "theory" of relativity is debunked, a question arises if it would be as easy to debunk the second pillar of the world pathological science insanity—quantum mechanics. Surprisingly, such debunking is immediate as well—both on physical grounds and formally, as a flawed mathematical machinery.

The "theory" put forth in ref.[4], pronounced as marking the beginning of the so-called "quantum mechanics", is *non sequitur*, as far as the goal of the particular derivation in paper[4] goes, because of the singular catastrophic fact that the initial formula, Boltzmann's statistical formula

$$S_N = k \log W + const, \tag{17}$$

does not apply for the intended purposes. In that formula, presented here as eq.(17), W is considered the probability "so that the N resonators together have the energy U_N"[4] ("der Wahrscheinlichkeit W dafür, dass die N Resonatoren insgesamt die Energie U_N besitzen").

However, the fact that the resonators together have fixed energy value U_N, is an initial condition of Planck's derivation. It, being a definition and an initial condition, is absolutely true by default. An absolutely true definition enjoys 100% certainty. Its probability is unity,

which means that ("after suitable determination of the additive constant")

$$S_N = k \log W = k \log 1 = 0. \tag{18}$$

This fact, unnoticed by Planck, is catastrophic for the derivation, and

the entire paper[4] must be abandoned at once, right at the outset, making the job of the analyst extremely easy. The story ends right here—quantum mechanics has no physical grounds.

OTHER FAILED ATTEMPTS TO DERIVE THE BLACKBODY FORMULA

Flawed Thermodynamic Claim for Photoelectric Effect[6]

Paper[6] presents another unsuccessful attempt at doing science—in the process of which a failed attempt is given to derive the blackbody formula. The paper discussed is one of the quartet of papers, all absurd, published in 1905, a year misconstrued as *annus mirabilis*. The goal of the paper is to convince the reader that there are theoretical grounds for adopting the view that the continuous electromagnetic waves have also properties of discrete particles. The importance of this claim is that, should it have turned out correct, then the electromagnetic waves would have been in possession of flabbergastingly unusual wave-particle properties.

The proof for the above extraordinary claim was attempted by seeking analogy of expected laws which, on the one hand, would appear to govern these continuous electromagnetic waves, while on the other hand, govern the laws of the "granular" thermodynamical systems. After all, thermodynamic systems consist of discrete particles, don't they? The ruminations in the paper are based on flawed conclusions from reordering Wien's law. That is the connection with the blackbody radiation if one looks for such connection. Paper[6] seemingly has little to do with the wholesale Planck's law. The use of Wien's law, nevertheless, is justified because the discussion is for high values of $\frac{\nu}{T}$, where Planck's and Wien's laws practically coincide.

However, contrary to the intimations in Paper[6], the thermody-

namic equation

$$\boxed{S - S_0 = R \ln \frac{v}{v_0}}, \tag{19}$$

expressing the discrete ("granular") character of a thermodynamic system made up of finite particles, and the equation

$$\boxed{S - S_0 = \frac{E}{\beta v} \ln \frac{v}{v_0}}, \tag{20}$$

expressing the properties of an infinitely divisible electromagnetic system, are incompatible. It is shown that analogy between $\boxed{S - S_0 = R \ln \frac{v}{v_0}}$ and $\boxed{S - S_0 = \frac{E}{\beta v} \ln \frac{v}{v_0}}$ would exist only if it is accepted that two unequal quantities are equal. Doesn't this remind you of that general flaw in the thinking of the same author, noted when discussing his failed "theory" of relativity and his "theory" that was supposedly the basis of lasers? The assumption that two unequal quantities are equal, which the author[6] makes without the slightest embarrassment, however, is tantamount to destroying the fundamental foundations of thinking. Clearly, this destruction has been to the delight of the elite, who has elevated the pathological perpetrator of such sick thinking to the ultimate intellect, as the genius which the world has never seen before.

The sorry truth, however, is that the said lack of analogy, in fact, invalidates the claim that the continuous electromagnetic waves have a particle-like character, characteristic of the systems also in thermodynamics. Therefore, the claim for the wave-particle character of light is unsustained theoretically, despite the high praise that failed exercise has been greeted with.

Underived Formula for the Anomalous Specific Heat of Solids, After the Failure to Derive the Blackbody Formula[7]

It was further discovered that the author of ref.[7] is unable to derive Planck's blackbody emission law in yet another attempt, because

now, in that instance, the equality he "derives" that law from; namely,

$$\frac{\int Ee^{-\frac{N}{RT}E}\omega(E)dE}{\int e^{-\frac{N}{RT}E}\omega(E)dE} = \frac{0+A\varepsilon e^{-\frac{N}{RT}\varepsilon}+A2\varepsilon e^{-\frac{N}{RT}2\varepsilon}...}{A+Ae^{-\frac{N}{RT}\varepsilon}+Ae^{-\frac{N}{RT}2\varepsilon}+...} = \frac{\varepsilon}{e^{\frac{N}{RT}\varepsilon}-1}, \quad (21)$$

under the condition

$$\int_{\varepsilon}^{\varepsilon+a} \omega dE = \int_{2\varepsilon}^{2\varepsilon+a} \omega dE... = \int_{0}^{a} \omega dE = A, \quad (22)$$

is incorrect. Numerous manipulations, especially the use of an experimental value to "demonstrate" that the proposed "theory" recovers that same experimental value (thus, committing the logical fallacy *petitio principii*), are also shown in "Deception Governed by Absurdities—The Science of Today".

THE INSOLUBLE PROBLEMS OF THE MATHEMATICAL MACHINERY OF QUANTUM MECHANICS, INVALIDATING IT

The shown immediate invalidating of quantum mechanics on physical grounds, stemming from the fact that Boltzmann's law $S_N = k \log W + const$ used by Planck to derive an expression which would allow him to propose his "quantum hypothesis", is unfit for the purpose, is entirely enough to abandon quantum mechanics.

It may also be mentioned that quantum mechanics fails on a purely formal basis—the mathematical postulates of quantum mechanics concerning its main observables, such as position, momentum and energy, fail as even purely formal constructs.

Here, for the sake of completeness, we will only mention, without going into details, that in the book "Deception Governed by Absurdities—The Science of Today" a meticulous explanation is presented as to why the postulated equations of eigenvectors

$$\hat{x}\psi_x(x) = a\psi_x(x), \quad (23)$$

$$\hat{p}\psi_p(x) = p\psi_p(x), \quad (24)$$

and other constructs like

$$[\widehat{x}, \widehat{p}] = i\hbar, \tag{25}$$

are mathematically and physically meaningless.

Even the use of *petitio principii* cannot save the mathematics, let alone the physics, of quantum mechanics.

CLASSICAL PHYSICS COMES TO THE RESCUE

While the place of the so-called "theory" of relativity belongs wholesale to the dustbin of history, quantum mechanics enjoys a ray of hope after its abandonment—it finds solace in classical physics because classical physics is inherently quantum. We don't need to be in some illusory microscopic "quantum world" to know that we do not pour the soup in our mouths in a continuous flow but eat it with the spoon in portions, quanta by quanta.

A crucial step in understanding what the direction of physics must take is to properly consider the notion of motion. That proper consideration of motion finds its beginning in realizing that the known Newton's second law, $\boldsymbol{F} = m\boldsymbol{a}$, mandates an inevitable expansion, in order to be in compliance with absolute truths of physics, such as the definitions of velocity and acceleration. Thus, the next pillar of reformed physics, after overthrowing and removing from physics of quantum mechanics, and especially the "theory" of relativity, is restoring the real fundamentals of physics, represented by the consequences from its absolute truths, such as its definitions. This is illustrated below.

$v^2 = 2ax$—THE MOST FUNDAMENTAL EQUATION IN MECHANICS

In this section we will deal with the discovery made in the book "Deception Governed by Absurdities—The Science of Today", concerning the absolute principle of inevitable velocity change—$v^2 = 2ax$,

comprising the most fundamental equation of mechanics.

The derivation below of the equation $v^2 = 2ax$, an equation pronounced here as the most fundamental equation of mechanics, reveals that it is another expression of an absolute truth. That most fundamental equation of mechanics determines the principle of inevitable velocity change during real spatial displacement (along the x-axis) of a free body acted upon by a constant force F, or, for short, **the principle of inevitable velocity change during motion**.

To derive it, observe first the *definition of acceleration*

$$a = \frac{dv}{dt}. \tag{26}$$

Thus, we can express dt as

$$dt = \frac{dv}{a}. \tag{27}$$

On the other hand, *from the definition of velocity*

$$v = \frac{dx}{dt}, \tag{28}$$

we get for this same dt

$$dt = \frac{dx}{v}. \tag{29}$$

From eq.(27) and eq.(29) we have

$$\frac{dx}{v} = \frac{dv}{a}$$

$$vdv = adx$$

$$\frac{1}{2}dv^2 = adx$$

$$\int_0^v dv^2 = 2a \int_0^x dx$$

$$v^2\Big|_0^v = 2ax\Big|_0^x$$

$$x = \frac{v^2}{2a}$$

$$v^2 = 2ax. \tag{30}$$

INTERNAL CONTRADICTION IN THE KNOWN NEWTON LAWS OF MOTION

Calling the three Newton laws "laws of motion" makes the first Newton law in contradiction with the third Newton law and its application—the second Newton law. To avoid this contradiction, Newton's three laws must be given their correct meaning—Newton's familiar three laws are laws of rest, not of motion. They describe only the temporal aspect of force, ignoring its spatial aspect. Below, we will show what the correct form of the force law is, accounting for both the temporal and spatial aspects of force. Furthermore, most importantly, it is shown that the correct form of the law of motion arrives from the absolute truths of physics, its definitions, which makes the derived expanded expression of the force inevitable and indisputable.

THE ABSOLUTE CHARACTER OF THE "EXPANDED NEWTON SECOND LAW" $F_{real} = ma + \frac{mv^2}{2x}$

The discovery made in the book "Deception Governed by Absurdities—The Science of Today" of the absolute character of $F_{real} = ma + \frac{mv^2}{2x}$, comprising the law of motion of a free body under the induction of a constant force (for brevity called **"expanded Newton's**

second law" in deference to the great scientist) is a discovery of exceptional import.

The expanded Newton second law

$$F_{real} = ma + \frac{mv^2}{2x} \tag{31}$$

is a direct outcome from the above-obtained absolute equality

$$v^2 = 2ax.$$

Indeed, multiply both sides by m

$$mv^2 = 2max.$$

That is, two times the kinetic energy $\frac{mv^2}{2}$ equals $2max$ or $\frac{mv^2}{x} = \frac{energy}{displacement} = F_{real} = 2ma$.

However, $2ma$ or $ma + ma$ is also $ma + \frac{mv^2}{2x}$ because $v^2 = 2ax$ is equivalent to $mv^2 = 2max$ or $\frac{mv^2}{2x} = ma$, from where

$$F_{real} = 2ma = ma + \frac{mv^2}{2x}.$$

The importance of the above finding cannot be overstated. Not only is the derived expression $F_{real} = ma + \frac{mv^2}{2x}$, called here "expanded Newton's second law", unequivocally proving that, unlike the known limited form $F = ma$, expressing only the temporal side of the force, expresses the force causing motion of a free body $F_{real} = ma + \frac{mv^2}{2x}$ fully; that is, both temporally and spatially, but it abolishes a long-standing impression that if the "theory" of relativity is invalid, then what remains is the so-called Newtonian physics. As seen above, the full expression of that force is unassociated with any name of a discoverer. The full force in question arrives naturally from the very essence of the absolute truths of physics, such as the definition of velocity and acceleration. Of course, this fact is a subject of discovery. However. that discovery is a novelty and is not a restoration of some earlier made discovery.

The discovery that $F_{real} = ma + \frac{mv^2}{2x}$ is the true expression of force in its full glory, is really flabbergasting because the idea that $F = ma$ is the only expression for the force is so deeply entrenched in physics and in society at large—it is almost as famous as $E = mc^2$—that any correction or addition to it is completely unexpected.

Thus, the discovery of the expression of full force $F_{real} = ma + \frac{mv^2}{2x}$ causing motion of a free body, and especially its absolute, inevitable, character, following from the absolute truths of physics, is on par, as far as significance for science goes, with the most fundamental discovery in science, a discovery unequivocally made by this author; namely, that time is absolute.

Various effects on classical action as well as the principle of least action, uncertainty relations in classical physics and the failure of the correspondence principle are also studied in the book "Deception Governed by Absurdities—The Science of Today".

The surprises of classical physics, whose time has come to be revealed, do not end here. Next, we will demonstrate that it is classical physics that provides us with the most famous formula ever promoted globally—the mass-energy connection $E = mc^2$.

MASS-ENERGY RELATIONSHIP $E = mc^2$—A RELATIONSHIP INHERENT IN CLASSICAL PHYSICS

Now, because $F_{real} = 2ma = ma + \frac{mv^2}{2x}$ is also

$$F_{real} = 2ma = \frac{mv^2}{2x} + \frac{mv^2}{2x},$$

because, once again, $ma = \frac{mv^2}{2x}$, or

$$F_{real}x = mv^2,$$

whereby, because force F_{real} times displacement x is work; that is, spent energy E, we get

$$E = mv^2.$$

Further, because of the absolute equality $v^2 = 2ax$, at larger displacements x the change of velocity (acceleration) may be neglected, the free body attaining a constant velocity c, the relationship $E = mv^2$ turns into

$$E = mc^2.$$

Here is also something very interesting—according to the absolute equality $v^2 = 2ax$, a free body initially at rest, upon impressing a constant force goes through a state of motion, until reaching again a state akin to rest—uniform translatory motion. Upon reaching this state, the very concept of force (the very force that has actually brought the body this far) no longer exists. In this area of high velocities motion is not expressed as force any more. Motion in this state is only expressed by energy.

EPILOGUE

This is how we end our brief stroll through the thicket of problems concerning the two pillars of human stupidity—quantum mechanics, and especially the "theory" of relativity—known under the moniker "theoretical physics", the subject of analysis in my books, especially in "Deception ..." and "Time is Absolute ...". The stupidity given a "go ahead" by the stalwart of human cognition—science—now finds incredible immense embrace societally, thus guaranteeing the inevitable demise of the world. It may be a jungle of problems out there, but above every problem there are two distilled truths, as valuable as gold, towering over that ocean of problems as high as a mountain—the greatest discovery of all time consisting in the unequivocal proving that time is absolute and the absolute essence of the real force, invoking the motion of a free body.

ON MODESTY

It is not usual to have the author evaluate his own creation. This is even considered contrary to the bon ton and decorum in academia and society. When the word is about truth of global significance, how-

ever, the bourgeois manners take the back seat. They are no longer the priority. Modesty is out of place. Even more, such modesty is a passive-aggressive way to kowtow to society's mediocrity. "Say it like it is", otherwise it comprises outright dishonesty.

If you really sit down and think about it, the discoveries presented are, factually and objectively, in reality, the greatest discoveries in science. For their evaluation as such one doesn't need peer-review. On the contrary, for their evaluation peer-review must be excluded because of the fact that those who have been engaged in peer-review for over a century have failed to fulfill their duty with integrity.

Indeed, how could a discovery pertaining to whether planets orbit around this star or that planet, and even the impact of such a discovery on the world conscience and functioning, be more fundamental than unequivocally proving the absoluteness of the most fundamental notions—time and space—as is done in this book? Every person on the planet, having this author's book in hand, is now provided with the possibility to immediately be convinced, personally, without the aid of always corrupt reviewers, in the unequivocality of this absoluteness. On the contrary, it would be better for every person on the planet to abstain from believing the private global media—avid champions of cognitive oppression, dedicated to lying through their teeth.

Canceling truth can be deadly. It can be as deadly as when jumping from the 10^{th} floor, armed with the hope that gravity can be canceled. To say nothing, that deadliness can be subtler as well as global when an element who destroys thinking is endowed with authority and is sinisterly appointed with the mission and agenda to poison the thinking of the world with bizarre adopting that the impossible is possible, that "imagination [imagining that gravity can be canceled] is more important than knowledge [the knowledge that in certain situations one most certainly would get killed due to gravity]". To authoritatively pronounce that two unequal things are equal may not kill you directly, but it kills your thinking, prevents one from assimilating properly that when you stop your energy supply (in the name of ephemeral, not sustained claims that otherwise the world will end), you will freeze to death. Politicians obsessed with such damaged thinking abound, and that is deadly for millions of people. Proclaiming (for political

purposes) a pandemic when there is none, can be more deadly than the genuine pandemic itself.

Not to mention ideas creeping into big politics and becoming a practice that obscurantist regimes may one day become acceptable.

All this is oppression under the guise of tolerance.

If there is a real determination for this menace to be cleaned, then it must be nipped in the bud and the bud are the two unfortunate pillars of modern physics—quantum mechanics, and especially the "theory" of relativity. Public defunding, de-certification and de-accreditation of any entity engaging in promoting the above absurdities, is the only cure. It is too late now for discussions within academia. The absurdities are deeply entrenched, protected by a very well organized army of zealous defenders. After all, their livelihood and prestige depend on preserving the vicious *status quo* favoring the presentation of absurdities as science.

Outright liars govern us. The private global media, an arm of the 11 united European monarchies that rule the world, with their subservient financial and military-industrial complex that together constitute the ruling elite of the world, cemented, for example, through mechanisms of the kind of the seemingly acceptable public-private partnership doctrine, as well as the post-industrial converting of every activity into service economy, governed solely by the market, is consciously thickening the fog of mass confusion by the day. The students at the universities and patients at the hospitals are not students and patients any more, but faceless generators of profit—customers. Science today is no more the producer of knowledge, as its intrinsic mission is, but is a job scheme, at most, and a means to milk the government for funds to inflate further and further the infrastructures devoted to producing more and more scientific rubbish.

The principle is that the state has delegated the duty of protecting the national interest to private companies. State agencies such as the Library of Congress have entirely delegated their aesthetic filters to private publishers to decide what is worthy of publishing and that worthiness for a private company cannot be any other than marketability and profit. The same applies to any sphere where the profit dictate is incontestably totalitarian. This puts ahead the private inter-

ests even when it comes to the military-industrial complex, whereby the priority is not the efficiency but profit, dictating the selling to the government more expensive, more complicated weaponry, which must be purchased independent of whether it wins the war.

Deliberately inflated prices, as a result of unnecessary complicated design, a poor efficiency which the companies producing them are blind to because it is only the profit that matters, pervades. This is exactly why these weapons are made complicated—in order to be more expensive, not more efficient. This is being admitted even by frankly militaristic institutions such as MIT, openly obtaining its main support from DOE and DOD. The important thing is for the government to buy them. There should be no wonder, why the USA withdraws in disgrace, without achieving victory, in its various military operations, especially the current ones. Doesn't such a dismissive attitude towards one's own armament, in concert with rampant corruption, contribute to these failures?

The problems I'm touching on above and many other societal problems may seem remote when it comes to the formulae discussed, but that remoteness is only seeming. It would not be a bad idea if one puts some thinking into figuring out what the connection is, which may be much more direct than it appears to one when walking on the sidewalk. This book gives more than a hint to that connection.

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