

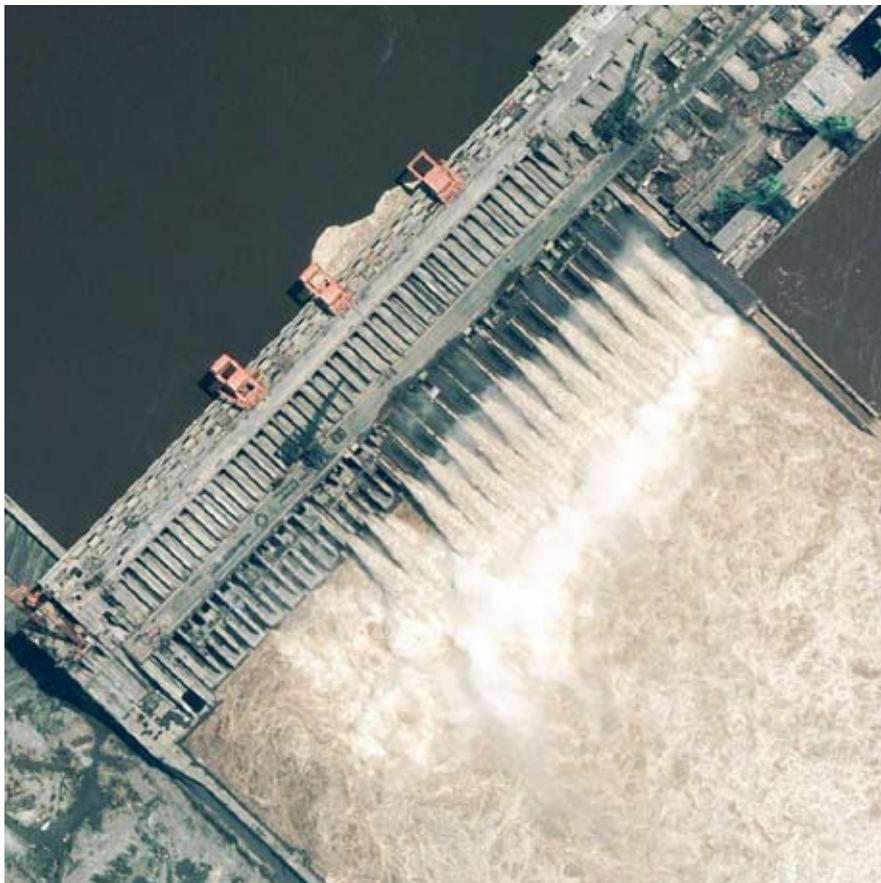
to trace here, thus far, to the role of the oligarchical principle in cases such as that of the Homeric sagas of the **Iliad** and **Odyssey**. The continued existence of the human species depends absolutely on a policy of an explicitly Promethean quality of anti-oligarchical progress, as Philo of Alexandria emphasized the continuing policy of practice of the Creator, that as in opposition to such frankly pro-Satanic forces of dionysian oligarchism, whose role is merely typified by the case of Friedrich Nietzsche and such followers of the doctrine of “creative destruction” of Nietzsche as Werner Sombart and Joseph Schumpeter in matters of economic practices today.

II. The Challenge of Physical Economy

The typical incompetence which had been usually shown heretofore, in the ordinary course of presenting a subject called “economics,” arises from the attempt to locate economy, on the one hand, in individual actions of what are considered as locally isolable “acts of production,” or services to, or administration of the process of such particular modes of production. On the other hand, there is what is often misnamed as “infrastructure.”

To free society of the incompetence of such practices as that which had been heretofore often conducted in the name of the “economics” of “infrastructure,” I have introduced the concept of “platforms,” a concept introduced to the domain of essential technical terms of economy, a concept which I have introduced as an improved practice of crucial importance, a practice which I have prescribed as a reform whose effects are typified by the precedent of the great reform in European national economy associated with the revolution in economic practices introduced by and under Charlemagne.

I have illustrated the argument represented by the effects of such an urgently needed reform, by contrast-



DigitalGlobe

LaRouche has introduced the concept of “platforms,” in place of “infrastructure” per se, to convey the idea of an upshift in the state of the biosphere, produced by investment in transformative projects such as NAWAPA. Shown, the Three Gorges Dam in China, such a project.

ing the earlier dictatorship of maritime culture over Europe, to the economic revolution by Charlemagne which depended, in a central way, on the development of a system of inland waterways created through linking the riparian systems of inland Europe through a system of canals. That reform, which was an integral aspect of Charlemagne’s unique originality in founding the root-concepts of a notion of national economy, is a reform which must be emphasized as having occurred as a crucial feature of the revolution in economy by Charlemagne, but which is also to be recognized in the history of the economic development within North America, as the layered revolution in economic progress of the earlier North American colonies, represented in the succession of integrated riparian systems of rivers and canals after Charlemagne’s model, by the addition to the riparian systems of railways which tended, initially, during their earlier phases, to be constructed

along routes associated with the riparian passage-ways, later as regional railways, and, still later, transcontinental railway systems. Otherwise, the foundations of the economy of North America were those supplied under the original charter of the Massachusetts Bay Colony, a model which was introduced even to England at the later prompting of Benjamin Franklin.

The continuation of this direction in reforms of economy, became that founding of the rudiments of modern economy which had actually first occurred under the administration of Charlemagne. That reform was then set back, temporarily, for a significant passage of time after his death, as under the third phase of the four phases of the Roman Empire associated with the so-called “feudal system,” a “third phase” of the system of the four successive phases of the Roman Empire, a phase which had been established under the controlling influence of Venice, as the successor to the decadent, and ultimately Crusader-doomed, Byzantine economy.

The most crucial factor in that span of the globally extended history of European civilization, had been that civilization’s roots in a post-glacial maritime system developed, initially, within the Mediterranean region, and, later, extended to become a European maritime system, to the Atlantic Ocean and beyond. Thus, it was in this context, that the fourth stage of the Roman Empire mobilized itself on behalf of the intention to maintain the imperial form of the European maritime tyranny against the mortal economic threat to the British empire represented by the U.S. initiation of the existence of transcontinental railway systems.

The Entry of British Geopolitics

As a consequence of that history, all the principal warfare conducted throughout the world since the British royal family’s ouster of Chancellor Bismarck from the government of Germany, has been motivated by the desperation of that British maritime system of world empire which considered its existence as having been menaced by the Nineteenth-century development of transcontinental and related forms of land-based continental systems which were, and remain vastly more efficient than economies under the reign of global maritime powers.

It was, for example, for that reason, that the British Empire, which had just been rescued by U.S.A. assistance to the British cause against a Nazi-ruled Germany, acted once more, as it had since the early 1920s, when it had promoted a British naval alliance with Japan

which was intended, since the early 1920s, to feature systemically extensive destruction of the U.S. naval forces, including the base at Pearl Harbor.⁷

It was that British imperial policy of geopolitical warfare, as launched by the 1890 ouster of Bismarck and by the Prince of Wales’ 1890s launching of the imperial warfare leading into that British orchestration of the Balkan wars which was used to divide Russia against Germany, and then virtually, thus, destroyed Germany and Russia as an immediate outcome then, and established the British imperial “geopolitical principle” of what British agent Alexander Helphand, once a protégé of the ageing British Fabian Society asset Frederick Engels, was to christen as a policy of “permanent warfare, permanent revolution,” which has been continued as British imperial policy of practice to the present day.

Hence, we have experienced the not-so secret British imperial campaign for the destruction of the transcontinental railway systems of Eurasia and the Americas since 1890, or, similarly, how General Motors and comparable American enterprises ruined themselves by concentrating on the manufactures over-emphasizing the relatively inefficient overemphasis on highways and short-haul air and highway traffic.⁸

Once the foregoing considerations are taken into account, it should become obvious that, in a post-geopolitical Solar system, the follies induced within the United States by the influence of what is called, most

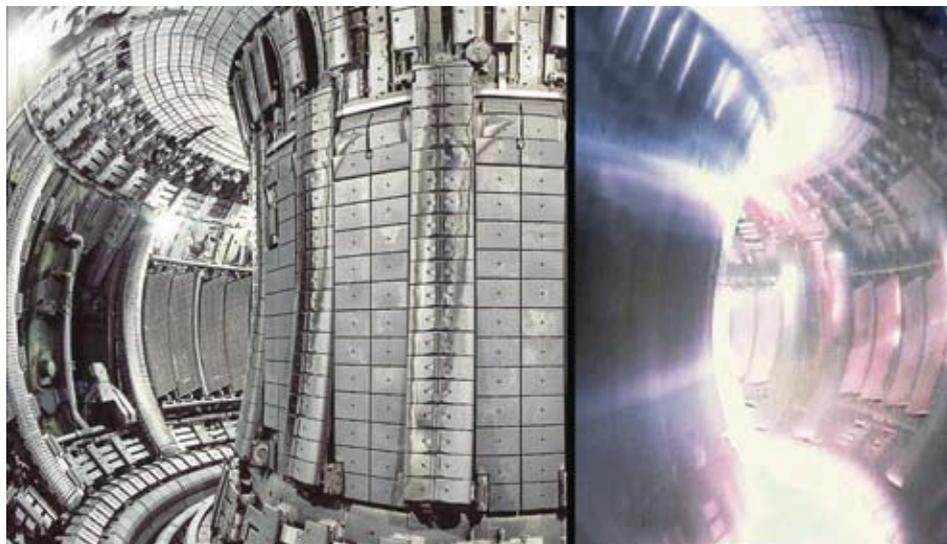
7. Ironically, when the defeat of the British empire by the Wehrmacht’s overrunning France, impelled an astonished British empire to run screaming for help for itself from President Franklin Roosevelt’s United States, the British, temporarily, abandoned the alliance which Britain had built up against the United States since the early 1890s. However, the Naval power in the Pacific and Indian Oceans which Japan’s forces showed from the time of the attack on Pearl Harbor, left no reasonable doubt of what had been the intended British-Japan destruction of the maritime power of our United States.

8. I do not denounce what has become known as the Eisenhower National Defense Highway system. Under the conditions which Churchill and Truman launched on the basis of the conditions created by the schemes of Churchill and Truman, the U.S.A. was pushed to create such an alternative for a transcontinental railway network. Nonetheless, I deeply regret the causes for that essentially wasteful necessity, and for the related economic and cultural follies of the cult of suburbanism. Happily, creating suburban planetoids in intra-Solar space is not a likely threat in sight for the foreseeable present time. The actual net decline of the U.S. railway system began during the mid-1920s, and accelerated with disastrous consequences for the U.S. economy since the tragic, late 1950s negotiations between the New York Central and Pennsylvania railway systems. The looting of the capital which had been associated with the railway systems is fairly described as “catastrophic.”

ironically, “our British ally,” will, happily, no longer be promoted. However, in the meanwhile, the trend in U.S.A., and also European policy, since the 1960s assassinations of U.S. President John F. Kennedy, and his brother Robert, have marked a pattern of catastrophic decline which has been imposed, from the top, down, on the U.S.A.’s economy, and its morals.

This decline has not been a mere coincidence in any sense of such terminology. The cause of the accelerating rate of decline of the physical productivity and intellectual development of the populations of the trans-Atlantic regions of the planet, has been a fully witting policy of destruction of the mind, morals, and general conditions, as of both mind and body, of our populations generally. This has not been accidental, or merely coincidental in any respect; the motive for this has been intentionally malicious, even “intentionally inhuman.” That evil intention has a name; the name is, technically, “creative destruction.” That intention is, essentially, an echo of the British imperial design for the destruction of both our United States and Britain’s European neighbors, as the case of the patterns set by Thatcher, Mitterrand, and Bush under the “Euro” system, illustrate that fact with a most viciously increasing savagery.

“Creative destruction,” or what is fairly identified as the implicitly “pro-Nazi” policies of Friedrich Nietzsche and his acolytes, has been the official policy of the trans-Atlantic forces of the British Empire since the 1890s beginnings of the British empire’s “geopolitical” commitment of about a century-and-a-quarter; it has also been the policy of the British empire since Britain’s Lord Shelburne founded the British Foreign Office and placed his wretched lackey Jeremy Bentham in the position of “chief of intelligence” for that institution. It is what is properly recognized as the contemporary fascism shared among many of those often self-described, euphemistically, as my “critics.” Sometime British Prime Minister Harold Wilson is notable for his role in the Schumpeterian “creative destruction” which underlies, still today, as much as remained of the tattered



Joint European Torus

Today’s economy requires the advance from a nuclear-fission technology to a thermonuclear-fusion “platform.” Shown: a split image of the Joint European Torus (JET), the world’s largest nuclear-fusion research facility, located in the U.K.

economy of the United Kingdom itself, since the most lamentable intervals of his tenure at “Number 10.”

Since that time, as since the assassinations of U.S. President John F. Kennedy and his brother Robert during a period overlapping the Wilson ministries, what was termed officially as a policy of actual pro-fascist “creative destruction,” has been the doctrine of political practice of an increasing ration of trans-Atlantic economists and our own U.S. government’s budgetary offices, as the precedent for this was made notable by the cases of the Nazi period’s Werner Sombart and the more widely influential Joseph Schumpeter. Britain’s Prime Minister Harold Wilson is fairly classed as partly a reflection of that influence of Joseph Schumpeter which is associated otherwise with a relevant influence at Harvard University, and of kindred notorieties. Ayn Rand-sponsored Alan Greenspan has been, in fact, a particularly rabid case of this same British, as much as simply brutish temperament.

Platforms on Which Society Depends

The determining, underlying foundation of any economic culture, is located in the implications of a certain “level” of development of what can be translated into the notion of a certain level of development of the modal “energy-flux density” of the entire national, or regional territory within which the equivalent of a national economy is situated. So, presently, the advance from a pre-nuclear-fission technology to a fission-level “platform,” to a thermonuclear-fusion “platform,” and so on, typi-

fies the conception of an underlying basis for a national, or more broadly defined regional economy on which the quality of both production and standard level of culture depends in any particular case.

Production, like municipal and household existence, is to be measured as a function of what corresponds to a general level of the correlatives of “energy-flux density” of the power in place for the determination of the most essential distinction of quality of change required for the continued existence of any national, or supranational system of political-economy.

This rough estimate, based on energy-flux density provided to the economy’s functions, finds correlatives in the degree of general, ongoing development of language culture in use, and in the quality of such forms of Classical artistic culture which are the essential “platform” on which the intellectual potential of the population of a certain culture, or sub-culture depends. Similarly, it is the effect of the changes within a set of platforms so defined, which actually determines the quality of economic development of which a national culture is currently capable. The United States, for example, is fairly described today as worse than half-destroyed by the cultural decadence which has taken us over, increasingly, since the close of war in 1945.

The most stubbornly vicious expression of that British (and also brutish) hostility to our system, which I have just indicated here, is a correlative of the rottenness expressed by the policies of the Congress for Cultural Freedom (CCF). This is to be correlated with the general loss of any efficient connection to the artistic and related elements of culture prevalent, increasingly, among the younger generations today; but, some of the most stubborn moral failures and related intellectual ineptitude are met among the so-called “Baby Boomer” generation, the existentialist element of the influence of the “rock-drug-sex” sub-culture most emphatically.

For example, in economy as such we have the following to consider.

The Evil Which Is Liberalism

Although the effects of the practice of economic liberalism are of a quality corresponding to criminal acts in their effects, most of the unfortunate perpetrators of the spread of what is termed either Nietzschean “creative destruction” or, in other words, simply the essential evil underlying liberalism, are not fairly identified as also witting of the true consequences of their terrible ideological affliction. Partly, they are shielded from

knowledge of that affliction by the mechanisms of illusion. The effect of what appears, to the true scientist, to be “criminality,” in effect, is chiefly a reflection of an induced mental flaw, called “Liberalism,” which is a syndrome typical of the victims of the dogma of the evil Paolo Sarpi, as passed down to the foolishly credulous as the ideology of Adam Smith.

The kernel of the subject-matter in this present chapter of the report, is identified by what shall be identified here as the influence of the work of the physicist Bernhard Riemann in defining the setting of those needed principles of physical principles which not only progress in the physical conditions of human life requires, but even mere resistance to harmful attrition requires for society, especially since the course of the Nineteenth Century. I shall now proceed toward direct reference to this aspect of Riemann’s singular and systemic accomplishments in science, with certain sets of preceding, interpolated remarks which I employ here to help in setting the stage for that subject of Riemannian physics itself.

Recall what some consider the injustice to “them” caused by what “they,” the latter some identifiable as a class of “other people,” who, in fact, “produced the conditions” which we, duly considering the matter in retrospect, “should never have been allowed to have been adopted.” Similarly, for example, take the case of the person who never considered the intrinsically unjust consequences to society of the behavior of those, like herself, or himself, who contributed to the margin of votes which brought what has since proven to have been the awfully bad choice of Barack Obama into the Presidency, or of some persons’ insistence on bringing on, still today, the disaster of the class in which the innocent had suffered as a consequence caused by those some persons’ hysterical devotion to the manifest evil consequence of adapting, as President Obama has done, to creating a high-technology-free economy: *what is already proven to have been a truly woeful, and reasonably foreseeable disaster to society!*

The freedom to vote, is not an actual right to do wrong to the general welfare, even by casual recklessness in the legendary voting booth. You might not be considered punishable for such a decision as that chosen recklessly there, but you are, nonetheless, to be ashamed, that according to the adducible damage your adopted opinion has caused to society in general, or kindred sort of injustice by your errant behavior.

For the individual, it is often his or her failure to rec-

ognize and support action *which, provably, should have been taken*, especially for the failure to develop what I shall define in this chapter as needed “platforms.” This applies to a choice which would bring upon him, or her, the disaster for which each, sometimes, heartily blames the Creator, instead of, properly, blaming what either of those should have considered the class of mission which we must have reasonably judged as needed for the public benefit.

However, such choices of causes for complaint as those, can be fairly stated only under the condition that we take into account the fact, that all of what may be called “nature,” is to be defined by the standard of that which is inherently creative and beneficial in effect, that as a matter of universal principle; this includes even processes which are not living processes.

The kind of what are specifically wrongful errors, as of the type perpetrated within the presumed sanctity of the voting booth, errors toward which I have pointed in these paragraphs, are, today, typical of the mental aberrations inherent in the current expressions of the so-called Liberal dogma of “pleasure and pain,” as that was introduced to modern European society by such as the notorious Paolo Sarpi and his attributable Scottish mimic, the Adam Smith who licked the spittle of his master, Lord Shelburne. Smith asserted, systemically and viciously, that the human individual was incapable of discovery of truth, but, rather, was limited to selections of choices which the dupe of the Sarpi-Smith doctrine regarded as the available options of selection of pleasure or pain.

One of the more typical cases of the followers of the Sarpi-Smith hoax, has been the notable hoaxster of modern European pseudo-science, the Charles Darwin of “unnatural selection” notoriety, or, the kindred cases of such followers of Darwin as the notorious tribe of Thomas Huxley which has supplied what is properly to be considered as a notably curiously noxious ambiguity to the notion of “the descent of man.” What has been actually descending, the Huxleys, or their opponents?

Mankind is the unique pinnacle of very large arrays of the behavior and descent of forms of what appear to the simple-minded as equally animal-like life. We, as Academician V.I. Vernadsky has clarified this matter, are distinguished from other forms of life, by the power to create experimentally validatable choices of behavior through what may be fairly described as a quality of creative reason typified as unique to the human discovery of a valid universal physical principle, or the like.

We, as mankind, are not at the pinnacle of the tribes of living creatures, but are an order of life absolutely apart from and above the animals, in that role; it is our species’ willful choices of categories of influence, which determine the destiny, even the fate, of the array of lower forms of life, all the way down to the relatively most obscure one-celled creatures. Whether we, as individuals, or nations, know that connection, or not, the functional relationship is a reigning one.

The relevant point to be emphasized in the immediate setting of the discussion at this juncture, is that the idea of a Sarpian “pleasure-pain principle” degrades mankind’s form of behavioral aptitudes to a simulation of the behavior of the animal herd. As Smith insists in his principal thesis, which indicts him as an enemy of humanity, his 1759 **Theory of Moral Sentiments**: “. . . Nature has directed us in the greater part . . . by original and immediate instincts. Hunger, thirst, the passion which unites the two sexes, the love of pleasure, and the dread of pain, prompt us to apply these means for their own sakes, and without any consideration of those beneficent ends which the great Director of nature intended to produce by them.” The result is “Animal Farm.”

Against Smith and what he represents still today, the pertinent evidence is, that the universe itself is inherently anti-entropic, that not merely as an effect, but as a universal cause embedded in the knowledgeable standard of that universe as known to mankind thus far. In other words, the implication is, that the universe itself is inherently creative, as Philo of Alexandria denounced Aristotle as a wicked sort of heathen on this account, and that, systematically, truly so. The subject of “platforms,” as I shall clarify that conception at an appropriate place below, confronts us, typically, as those changes in the environment of production, which, in turn, define the relative potential benefit associated with any mode of production as such.

Such are the conclusions which might be best adduced by aid of reference to the accomplishments of Russia’s and Ukraine’s Academician, the V.I. Vernadsky whose work, in discovery of the Lithosphere, Biosphere, and Noösphere, is attributable in a large degree to the use of the precedents provided by Bernhard Riemann, precedents to which I shall refer, repeatedly, explicitly or otherwise, in the course of the remaining sections of this present report.

The essential point to be emphasized, is the importance of the cultivation of those creative powers associ-



NASA/JPL-Caltech/S. Stolovy

The LaRouche Basement Team is currently studying the effects which our galaxy has had on the history of life on Planet Earth. This image, taken by NASA's Spitzer Space Telescope, shows an infrared view of the center of the Milky Way Galaxy, compiled from many snapshots, and colorized. The center is some 26,000 light-years away from Earth.

ated with both progress in physical science and Classical artistic expressions of culture of the population, especially the leaders of the population, but also the population more broadly. No nation's leadership is more deserving of being thrown out of power than one which is complicit in promoting popularized forms of stupidity among the population at large.

Life in Our Galaxy

Turn attention, for the moment, to the evidence which my associates of the "basement team" have held in view as part of the studies of the effects which our galaxy has induced respecting the history of life on our planet. It is not the individual species, except for the case of mankind, which creates the settings to which the evolving array of the set of species must adapt. Similarly, the fate of society is generally determined by that which some individuals do, who, because of their power in society, or their expressed creativity, or, in the alternative, the utmost lack of such a sense of responsibility, have the greatest relative effect on the destiny of entire nations, or even our planet at large. Often, thus, individuals, or groups of people, blame some other person, or class of persons, for the wicked effects of what they, themselves, have done, or failed to do: as in the case of three recent, U.S. elections of such wretched choices of Presidents as George W. Bush, Jr., and Barack Obama. Clearly, in those cases, the majority electorate had acted

as if insane, either by the votes counted, or those which were not cast.

Mankind is an aggregation of the interactions of what are, sometimes, somewhat sovereign human individuals; however, it is the action of the individual on what is defined by a process expressed by a culture, or, often, merely the authoritative voices in society in general, those voices which exert the relatively greatest influence, as a form of willful influence, upon some outcome of the efforts and expressed opinion of the many. It is those same processes of decision-making, so defined, which shape society, as if top down, as by the Wall Street-controlled mass media, against which the individual victim may profess to have been caused to have erred.

It should be made evident, therefore, that the justified instances of causes for complaint within the population and institutions of a misguided society, are usually a product of what a relative authority has decided, or failed to consider. Similarly, the individual citizen who considers himself, or herself a victim of either willful injustices, or those wrought as negligence in manufacture of injustices, has often brought his misery upon himself, by failing to accept his, or her own individual responsibility for shaping the processes which shape the destiny of nations, and of the planet in general, while they wail as if suffering the miseries of Job, for the condition to which they have contributed by

their own negligent disregard for the need to care for the shaping of the society as a whole, as if from the top down.

It is our implied responsibility, as individuals, or groups of individuals, to seek out, select, and apply those changes to established practice on which the continued survival of mankind ultimately depends. Being in a minority is not an excuse for negligence in such matters.

For example, the failure to invest in nuclear-fission power, by clinging to sources of significantly lower energy-flux density of deployed power, may have disastrous effects on the relative outcome of a particular mode of production, and, thus, even for the morals-in-practice of the population in general. Anti-nuclear policies are not a morally acceptable premise for the failure to secure a future of mankind which depends absolutely only on qualitative increases in the level of deployed higher forms of energy-flux density. Sodom and Gomorrah had no natural right to have existed.

All competent practice of a science of political-economy today now depends, and that absolutely, on the aforesaid, broadly defined presumptions and preconditions for practice of successive advances in the forms of higher energy-flux density as the general mode on which the continuation of civilized forms of human existence depend absolutely. The uniquely repeated successes in my work as an economic forecaster, have been premised entirely on the aforesaid, broadly described kinds of platform-like preconditions. Therefore, for that reason, I, in my role as a forecaster, have chiefly succeeded, usually in defiance of my so-called “rivals,” and did so because I considered the economic process from the issue of what I have come to define as “the platforms” which envelop the preconditions of production, rather than proceeding as the poor statisticians do, from the scientifically incompetent notions of local technology and prejudices, on down.

I shall return to that subject-matter at greater length, a bit later here.

Examine Your Own Mind!

The reader must be forewarned, at this point in the presentation, that the commonplace obstacle to recognition of the principle which I have just so summarized in opening this chapter, is the widespread, virtually “religious” devotion to the common belief formed in professed devotion to what is recognized as the practical meaning of “sense-certainty,” a notion which is a re-

flection of the same crude mechanisms of “pleasure and pain” expressed in Adam Smith’s wretched doctrine. The persistence of that reliance on sense-certainty, even among those with the advantages provided by modern European science, is expressed chiefly, symptomatically, by the delusion associated with the influence of Paolo Sarpi, the delusion which is more familiar today as the dogma of “pleasure-pain” associated with the widespread credulity shown by the dupes of the Adam Smith legacy.

The particular practical significance of the mental disorder identified by the name of “Adam Smith,” is, that by degrading the human mind to a self-inflicted belief in mere “sense-certainty,” the dupe of such induced beliefs, the dupe of such as what is termed “empiricism,” is conditioned against recognizing the actually efficient existence of those higher powers of human experience which ought to be properly identified as the creative powers of the typical human mind.

The Role of Bernhard Riemann

Now, having stated that much, to introduce the basis of reference needed for the overall presentation of the case which I have just outlined in the preceding paragraphs of this present chapter; I shall quote from the three opening paragraphs of Bernhard Riemann’s revolutionary 1854 habilitation dissertation, **On The Hypotheses which Lie at the Foundations of Geometry**, the work by Riemann on which all competent scientific practice, subsequently, including that typified by the work of V.I. Vernadsky and Albert Einstein, is premised today. For this purpose, pending a German edition of this present report, I shall now cite from a widely recognized English translation of Riemann’s dissertation, the opening sectional sub-title and three opening paragraphs presented by Professor Henry S. White within David E. Smith’s 1929 **Source Book in Mathematics**.⁹

I shall now present that excerpt from Riemann’s habilitation dissertation, and return to focus on certain of the crucial features selected for this report at a later point. The importance of this citation is that those who have not assimilated it, or its equivalent, are, to a large degree, illiterate in terms of a valid strain of modern science.

9. In a German edition of this paper, the Riemann original text should, of course, be used. I have added some needed punctuation to that English translation as adopted here.

Plan of the Investigation

“It is well known that geometry presupposes not only the concept of space, but also the first fundamental notions for constructions in space as given in advance. It [i.e., better: “These”] give[s] only nominal definitions for them, while the essential means of determining them appear in the form of axioms. The relation of these presuppositions is left in the dark; one sees neither whether, and in how far their connection is necessary, nor, *a priori*, whether it is possible.

“From Euclid to Legendre, to name the most renowned of modern writers on geometry, this darkness has not been lifted, neither by the mathematicians, nor by the philosophers who have labored upon it. The reason of this lay, perhaps, in the fact, that the general concept of multiply extended magnitudes, in which spatial magnitudes are comprehended, has not been elaborated at all. Accordingly, I have proposed to myself, at first, the problem of constructing the concept of a multiply extended magnitude out of general notions of quantity. From this, it will result that a multiply extended magnitude is susceptible of various metric relations, and that space, accordingly, constitutes only a particular case of a triply extended magnitude. A necessary sequel of this is, that *the propositions of geometry are not derivable from general concepts of quantity; but, that those properties by which space is distinguished from other conceivable triply extended magnitudes can be gathered only from experience*. There arises from this, the problem of searching out the simplest facts by which the metric relations of space can be determined, a problem which, in the nature of things, is not quite definite; for, several reasons of simple facts can be stated, which would suffice for determining the metric relations of space; the most important, for present purposes, is that laid down for the foundations by Euclid. These facts are, like all facts, not necessary, but of a merely empirical certainty; they are hypotheses; one may, therefore, inquire into their probability, which is truly very great within the bounds of observation, and, therefore, decide concerning the admissibility of protracting them outside the limits of observation, [that] not only toward the immeasurably



Bernhard Riemann (1826-66)

large, but, also, toward the immeasurably small.”

Thus, then, now skip to the closing sentence of Riemann’s dissertation [in my own translation]:

“This leads us into a different science, into the domain of physics, which the nature of the present occasion [in the department of mathematics] forbids us to enter.”

That much which I have thus quoted from, chiefly, the three opening paragraphs of Riemann’s dissertation, the consequent, substantive issue posed by the illusory temptations of a mere mathematics as such,¹⁰ is that which is only typified

by a notion of a primacy of five senses. I now contrast the standpoint presented in the preceding three paragraphs from Riemann’s dissertation to the British ideological standpoint of Adam Smith et al. We shall return to the deep implications of Riemann’s work as such, here later.

Adam Smith’s celebrated Sarpian doctrine has left the company of mankind for a certain adopted kinship to the swine who come by his adopted character quite naturally, as in George Orwell’s **Animal Farm**. No actual “principle of nature” is explicitly represented within the bounds of the *a-priori*, reductionist presumptions inherent in the work of Aristotle, Paolo Sarpi, or Smith. Indeed, insofar as the teaching and practice of physical science is premised upon adaptations to the implications of the Aristotelian or empiricist presumptions, the existence of a competent practice of science were not possible, inasmuch as we attribute the authority of science to such fraudulent a-priorist presumptions.

This issue, which I have just summarized, thus, with these words, assumes a crucially distinct form of expression in any address to the subject of human nature, as that nature is properly considered as qualitatively distinct from the behavioral aptitudes of the relatively lower forms of life. This fact confronts us most clearly and simply, by reference to such modern cases of creative scientific personalities as Nicholas of Cusa, Leon-

10. I intend to say a “anti-deductive physical mathematics,” rather than “a deductive mathematical physics.” I mean a science of metaphor.

ardo da Vinci, Johannes Kepler, Gottfried Leibniz, Carl F. Gauss, Alexander von Humboldt, Lejeune Dirichlet, and Bernhard Riemann, or prominently relevant earlier cases such as Archytas, Plato, and Eratosthenes. What Riemann poses in, notably, his habilitation dissertation, is the issue of the discovery of those underlying, universal, physically efficient principles which lie outside the bounds of a mere mathematics, just as what I have already referenced, above, as the concluding sentence of Riemann's habilitation dissertation, has emphasized this fact.¹¹ This is the crucial issue posed by the uniqueness of the human individual powers of creativity which lie only within the domains of truly Classical artistic composition, as typified only by Classical modes in musical composition and performance, in great painting and architecture, and in a physical science ranking outside and above mere mathematics as a form of human behavior.

To sum up what have I just stated thus far: the core of a competent modern science is, specifically, the Riemannian approach to the universe expressed to best present effect by that inherently Riemannian approach expressed by Academician V.I. Vernadsky.

So far, as my principal "basement" associates have emphasized by their own original work in this matter, as those competent figures who have preceded them have done: *mankind is distinguished from, and above all other actually known forms of living beings thus far, such that the essence of truth in science is expressed in the discoveries of universal physical principle which are demonstrably situated outside, and above the domain of mere sense-perceptual practice*, as Riemann emphasizes precisely that issue in the concluding, third section of his habilitation dissertation.

Perhaps the best choice of example employed to illustrate that just stated case, is, perhaps, the case of Johannes Kepler's unique discovery of the principle of universal gravitation, as presented when we have included the role of the "vicarious hypothesis" in his **The New Astronomy**, and, most emphatically, the echo of the lesson from **The New Astronomy** which provides the starting-point of practical reference for Kepler's unique discovery of the principle of universal gravitation. The point to be emphasized on this account, is that two contrasted senses, the notion of sight and the notion

11. The entirety of Section 3 of Riemann's habilitation dissertation presents the essential case, which the concluding sentence of that piece presents as the argument of Section 3 considered as a unified entirety.

of harmonics, are employed in conjunction, with that done to define a principle which is not specific to either of those two categories of phenomena, but which is expressed only as what is proven to have been a unique singularity of their conjunction.

A deeper understanding of these indicated implications of Kepler's discovery of universal gravitation, is assisted by re-enacting the celebrated duplication of the cube by Archytas, and the related sort of known method of Plato generally. However, to locate the origins of the revolutionary, modern scientific method actually employed by Kepler, we must look back to a preceding page of modern science, to not only Nicholas of Cusa's **De Docta Ignorantia**, but to the crucially congruent implications of certain discoveries by Filippo Brunelleschi's recognition of the true nature of the funicular curve, the catenary, as expressed in the form of a physical principle of construction which Brunelleschi employed for the construction of the Florence cathedral of **Santa Maria del Fiore**.¹² These and comparable discoveries of principle, as opposed to mere a-priorist deduction-induction, are to be examined as expressions of the discovery of *what are truly universal physical principles*, or the like, principles which lie outside the domain of mere sense-perception, but which, nonetheless, are efficiently expressions of the principles which govern the shadow-like effects which true physical principles cast, cast as like foot-prints, where and when the mere spoor of mankind's passing is to be found.

Albert Einstein's treatment of the uniqueness of Johannes Kepler's original discovery of universal gravitation, as being a demonstration of a universe which is always finite, but never bounded, underlies the same notion of the qualifications which are required to define an actually universal physical principle, the notion of a universe which is essentially creative (e.g., *anti-entropic*) throughout, contrary to the essentially arbitrary, absurd, and, indeed, utterly fraudulent "Second Law of Thermodynamics."

The same notions are crucial for any competent insight into the true nature of human creativity, such as the creativity on which the essential, functional distinction of man from beast actually depends. Hence, we

12. Notably, Cusa follower Leonardo da Vinci amplified the concept of the catenary to demonstrate the unique principle of the catenary as expressed by the interdependence of the catenary and tractrix. The achievements of Gottfried Leibniz in mathematical physics, in concert with Jean Bernoulli, during the early 1690s, are to be included in this history.

have the following matters to be considered now. We must proceed to re-examine the function of scientific creativity from the indispensable vantage-point of a view of the human mind from the standpoint of the Classical artistic creativity of such as **A Defence of Poetry**'s Percy Bysshe Shelley.

Science, Poetry, Music & Politics

It has been my experience, that scientific creativity, as in its only implicit, attempted representation in William Empson's **Seven Types of Ambiguity**, depends more emphatically on coherence with a strictly Classical Bach tradition of modern musical compositions and related expressions of poetry, than mathematics as such. The case of Albert Einstein and his violin, is one which I have been impelled to respond to, for this reason, on this account, during the course of quite a number of decades. Classical poetry, when keyed to the Classical musical imagination, as in Percy Bysshe Shelley's **A Defence of Poetry**, is particularly notable on this account. As a related matter, the increasingly widespread destruction of creativity (the Nietzschean monstrosity sometimes called "creative destruction") in the population born during the immediate post-World War II decades, can be correlated with the monstrous degree of destruction of the creative imagination to be found, most notably, among what often appears to be the certain quality of tendency for showings of virtual brain-deadness specific to the larger ration of the "68'ers," as shown in the relative "political deadness" encountered, as a virtual generational flaw, among the present majority of the U.S. Congress, relative to political leaders of the immediately younger generation.

Unfortunately, among a still younger generation which has been affected by those so-called "elevated pitches" which violate the essential musical principle of naturally defined register shifts, the effects are often more pronounced, in a degree beyond what must be discounted for the substitution of horrid percussion and strange vocal perversions for actual music. The rock-drug-sex, existentialist counter-culture, which is correlated, implicitly, with the European adoption of the 1950 Congress for Cultural Freedom, is typical.

The consequent loss of the connection to the Classical domain of the creative imagination, even the significant damage of the person's access to that domain, has done a form of damage to a population, or merely a large portion of the population which is affected by such factors. This source of damage to the mind's abil-



Scientific creativity corresponds to the creativity in Classical music and poetry, as the case of Albert Einstein's devotion to his violin suggests. Einstein, pictured here, in January 1931.

ity to understand, and deal rationally with ordinary sense-perception, is among the notable leading sources of loss of effective human intelligence in the records of history and contemporary considerations. Such relevant English poets as Shelley and Keats, present us with the intimations of powers of the human mind as such which lie beyond what are those mere caricatures of moving ideas which are known as sense-certainties.¹³

Such damage as that to which I have just referred here, typified by the relatively extreme case of the 1950 launching of the Congress for Cultural Freedom within Europe, in particular, when combined with the carry-over of the influence of such elements of moral depravity as that associated paradigmatically with the ugly legacy of Bertolt Brecht, typifies the crippling of the cognitive sense which became characteristic of what had been the relatively privileged stratum of the wild-eyed human creatures who erupted on the leading university campuses during and following the Vietnam War-triggered outbreaks of 1968.

"The Freaks Must Gather!"

However, the Vietnam draft-dodger, or would-be draft-dodger syndrome, on those relatively more privileged campuses of the late 1960s, was more the expression of the eruption of an already existing potential for

13. There are valid and interesting comments to be made, on other occasions, respecting the best work of William Wordsworth from a time when the best minds in Britain were still influenced by the best features of the American Revolution.

such an outcome, than might be implied by the neatly definable blaming of the Vietnam draft itself. The truth of this matter is to be found rooted in the case of President Harry S Truman's administration, as, for example, as follows.

The moral depravity of the so-called "right wing" turn so forcibly presented by the Harry S Truman 1948 election-campaign, has been a depravity which was already detectable as a Wall Street-driven turn during that U.S. primary-election period of Summer-Autumn 1944 which had foisted traditionally Wall-Street-linked Senator Harry S Truman on the Democratic Party's Vice-Presidential nomination for the 1944 November election-campaign. The Truman election had put a political bomb into place under the chair of President Franklin Roosevelt; it was deemed likely, "it is over" as by the head of the O.S.S. at the time shortly preceding the death of President Franklin Roosevelt in office, that Roosevelt's death would mean a British-run, "right wing" takeover of the United States, as by the Wall Street factor typified by Brown Brothers Harriman, for a rather long time to come. For the greater part, it did.

The result of the late 1940s developments under Vice-Presidential candidate, and later President, Harry S Truman, was a deep de-moralization (in the most literal and deepest sense of demoralization) of what became the leading stratum of the population, as measured in terms of influence at that time. Thereafter, the relative margin of wealth and honors donated to the section of the population enjoying the advantages of a "security clearance," tended to promote a deep-going weakening of the general moral and related characteristics of that portion of the population.

The resulting lack of a genuinely moral outlook in that relatively privileged sector from among the generation of returning veterans of military service, produced the social effect which came to be notorious as the more notorious, relatively privileged strata of that generation's children, "The Baby Boomer Generation." It was this loss of morality which came rudely to the surface in the relatively more privileged aspect of those children, such as the "rock-drug-sex freaks," who were to be met among the university student-population to which I referred here above. Those of the latter social stratum who were not directly corrupted by these conditions, were affected by the knowledge that the neo-fascist elements typified by the "Weatherman" cult, were apparently the rabidly existentialist wave of the future to which the saner stratum, as if of a lower social status,

must now genuflect.

The loss of a cultural level truly equivalent to what should have been expected as a show of "common sense" among many of that generation, was shown by a widespread collapse in the level of actual creativity met among those who had been university types of that sort.

On this account, the relatively happier side of that history, is that the generation which has succeeded the Baby Boomers, meaning those presently found from among those between 25 and 45 years of age, has recently shown a relatively superior moral quality of response to the presently onrushing virtual breakdown-crisis, where the Boomer generation, as typified by many among the "go-along-to-get-along" varieties in the U.S. Congress, are far less responsive, or, perhaps, only much slower to react to the deadly reality of the presently onrushing, existential crisis facing the U.S.A. presently. The appropriate term for that phenomenon is probably "inured." Perhaps this is the case, at least in part, because the still younger generation, between the ages of 15 and 25, has come to be seen as containing some of the elements of a living nightmare, like that recently reported from Tucson, to be brought under control now, as like the terrorist campus killers of a slightly earlier time, while that correction might still be accessible.

That much said on that subject, the most essential fact remains, that while we depend "naturally" on the role performed by the human sense-organs, that knowledge does not come up to the level of truly scientific knowledge; Kepler's uniquely original discovery of universal gravitation, presents the evidence needed for recognizing sense-perception as being a necessary, but delimited contribution to mankind's ability to deal with the universe which surrounds that individual. The case of the concluding paragraph of Percy Bysshe Shelley's **A Defence of Poetry**, points toward the evidence for a qualitatively higher standard of scientific truth typified by Kepler's discovery of universal gravitation.

These considerations return our attention to the subjects of the role and characteristics of human creativity in the productive process.

The Human Mind's Mass Effects

Return attention briefly to the case of Percy Bysshe Shelley's abruptly interrupted 1815 draft of his **A Defence of Poetry**.

The plea for optimism which we meet in the most

Shelley: 'A Defence of Poetry'

From the essay by Percy Bysshe Shelley (1792-1822):

The most unfailing herald, companion, and follower of the awakening of a great people to work a beneficial change in opinion or institution, is poetry. At such periods, there is an accumulation of the power of communicating and receiving profound and impassioned conceptions respecting man and nature. The persons in whom this power resides, may often, as far as regards many portions of their nature, have little apparent correspondence with that spirit of good of which they are the ministers. . . . Poets are the hierophants of an unapprehended inspiration; the mirrors of the gigantic shadows which futurity casts upon the present; the words which express what they understand not; the trumpets which sing to battle, and feel not what they inspire; the influence which is moved not, but moves. Poets are the unacknowledged legislators of the world.



born French economist Jacques Necker, the infamous Madame de Stael.

Later, two world wars, most notably, and the like have since ensued, that in a pattern which had been continued as a trend to the present day, and will continue to its end, as long as the British Empire, which is actually "The Fourth Roman Empire," remains as it does, however precariously, still today.

Despite those past facts, the principle which Shelley sets forth in that most remarkable single, concluding paragraph of the uncompleted piece, remains to the present time, as among the most important of the statements respecting the principled nature of humanity known to us thus far. Unfinished? Yes! But, what was good and essential in that writing of his, has not been lost to our potential understanding today; that is the gist of my subject at this point in the present chapter's emphasis on the roles of such as Riemann and Vernadsky.

The commonplace, disgusting error among those usually deemed "the learned," still today, has been consistent with the frauds and related follies of Charles Darwin, frauds which are premised on what has been presented as an axiomatic presumption in the domains of biology and politics. The remedy for

crucial, concluding section of that uncompleted draft, obliges us to focus our attention on the subject of the descent of a "Curtain of Darkness" on Europe which had descended under the influence of Metternich and Castlereagh during the early Nineteenth Century. Shelley had interrupted his writing of his **A Defense of Poetry** abruptly in 1815, and, to the best of my judgment, had not returned to that uncompleted composition, for precisely that reason, again. The poem lodged within there, remained uncompleted; the song rang still, unfinished, but, nonetheless, has remained crucial.¹⁴

Shelley was not demoralized; but, he did know, beyond doubt, what his constituency had been up to that time, as Heinrich Heine came to suffer a similar experience vis-a-vis the infamous daughter of Swiss-

the contemptible hoaxes by the reductionist hoaxster Darwin and his ilk, is to be found in a "top, down," view of the existence of physical economies, rather than the Darwinians' "bottomed-out," depraved view of both mankind and living processes generally. *The universe, including the forms of life, is not a collection of objects, but represents the subsumed expressions of a coherently unified, universally cosmic process of an unfolding principle of creation.*

History's Ironic Moments

That fact which I have just stated, is to be located as also being a central feature of my heretofore unrivaled success in my specific role as an economic forecaster. I refer, thus, to what I have introduced as the substitution of the concept which I have labeled "platforms," which must now supplant the tired, and misleading term, "infrastructure." A "cosmic" quality of top-down view of the universe, and mankind, must displace the bottom-

14. It were probably sufficient to locate Shelley's abandoning the piece when he did, in the situation of European history's prospects at the time of the triumph of Metternich and Castlereagh.

up, mechanistically kinetic view illustrated by that dismal practice typified by “financial accounting.” When the nation’s economy collapses, many formerly grand industries collapse, as if in mockery of the insolence of the individual enterprise’s formerly reported financial-accounting successes. Wall Street’s triumphs have turned out, eventually, as having been humanity’s catastrophes, as under the outcome of rabid monetarist Alan Greenspan’s twisted reign at both J.P. Morgan and the Federal Reserve System.

It is appropriate to note a certain coincidence between Greenspan’s open launching of his continuing campaign, as a J.P. Morgan hack, to destroy the Glass-Steagall Act, within the 1982-1983 setting of the British orchestration of the Soviet rejection of U.S. President Ronald Reagan’s televised proffer of what I had crafted as the initiative for what Reagan titled **A Strategic Defense Initiative (SDI)**.

It had been largely forgotten today, as much desired to be forgotten, that during the years following U.S. President Ronald Reagan’s 1983 televised address on the subject of a “Strategic Defense Initiative (SDI),” I had been the initial spokesman, over the interval 1977-1983 and beyond, for what President Reagan had come to adopt as the name for the “SDI.” Leading circles from around the world, including relevant Soviet figures, had been engaged in discussions of the prospect of installation of this program—until the time the recently installed, British-linked, Soviet leader Yuri Andropov reacted, suddenly, and with a particular personal violence, against President Ronald Reagan’s public, televised proffer.

As it turned out as a clearly lawful irony, the rejection of the SDI, first by Andropov, and then by those circles of Michael Gorbachov which uttered murderous threats against me personally over this issue, was the crucial factor in history which assured the doom of the Soviet system as such. It was that rejection of SDI which played a crucial role, as if as a dynastical sort of suicidal impulse, in bringing down the Soviet system.

The Soviet rejection of the SDI was not merely a mistake, but a truly tragic piece of historic folly which has continued to curse much of our planet, Russia most notably, to the present moment.

The crucial part of the irony of that situation, is that the issue of the post-World War II decades, was never really the Soviet Union as such. The issue was then, as still today, the importance, sought on behalf of the still very much real, if battered and tattered British empire,

of the still-in-progress, intended, British-orchestrated elimination of any semblance of the global cultural and strategically physical-economic factor of Russia from the global strategic equation.¹⁵

The principal target of the British role in this affair, was the intent of Britain’s traditional puppets, the Wall Street gang, to play the situation between the U.S.A. and the U.S.S.R. as Winston Churchill and Bertrand Russell had done during the closing months of World

The universe, including the forms of life, is not a collection of objects, but represents the subsumed expressions of a coherently unified, universally cosmic process of an unfolding principle of creation.

War II and beyond. Russell’s role, in, first, declaring a preventive nuclear war against the Soviet Union, in September 1946, and, thereafter playing a not exactly secret British intelligence penetration of the Soviet leading circles as through the Austria-based IIASA (the Club of Rome and Bertrand Russell-linked International Institute for Applied Systems Analysis), had, earlier, orchestrated peripheral conflicts such as the U.S. Indo-China war and the British Saudi channel’s role in the Soviet entrapment in Afghanistan, as a persisting back-and-forth game, which, by sinking the Soviet system, eliminated much of the importance of the United States in the British great imperial game.

I was already in the British intelligence “cross hairs” on this account, during this and later times, targetted on account of the continuing effects of the SDI, during the 1980s, until, by 1985, when the British interests and their U.S. assets simply tired of playing the game, and opted to have me summarily juggled.

The deeper implications of all this, run as follows.

The consideration ran, as it does still today; there

15. There were sane and influential figures in the British system who did support the SDI. Such circles tended to fit into a certain European view typified by the Gaullists and the circles which had been associated with Konrad Adenauer, who shared Fifth Republic President Charles de Gaulle’s expression of a Europe “from the Atlantic to the Urals,” as I did. The ruin of a post-Soviet Russia was accomplished chiefly within the embrace of Russia’s assets by the British empire.

should be no doubt of that fact among those leading world circles which are presently under the conditions of imminent general breakdown of the so-called “Euro system.” The continued existence of that British Empire, still today, depends upon the ability of London to destroy all potential obstacles to consolidating the present Roman Empire’s (the British empire’s) momentarily, still incontestible, but presently most uncertain control over the planet as a whole.

For as long as the United States and Russia remained a pair of ponderable, still somewhat independent strategic factors in the composition of the government of the planet as a whole, the British empire was not secured. Without such a degree of qualified independence of Russia, China and India, the world would also be greatly vulnerable to being controlled by the global embrace of the empire on the planet at large.

The destruction of both the U.S.A. and Russia, have been the leading objectives of “the Fourth Roman Empire,” that which must be identified, most emphatically, as nothing but the British empire. The special passion of that Empire on that account has been implications of the combination of the U.S. establishment of its trans-continental railway system as combined with the adoption of the same economic policy by Bismarck’s Germany and Russia.

When the British Empire Took Over

To understand the British imperialist role since the close of the Nineteenth Century, turn attention to the Bismarck case.

The result of British policy since then, featured the succession of events represented by the British Royal Family’s ouster of Germany’s Chancellor Bismarck, as followed by the alliance of Britain and Japan for warfare intended to destroy China, Korea, and Russia, and, since the early 1920s, the U.S.A. through aid of the Prince of Wales’ influence on Japan which prompted the joint intention for the attack on the U.S.A. naval



National Archives/U.S. Navy

From the British royal family’s ouster of Bismarck in 1890, through the British-orchestrated Japanese attack on Pearl Harbor on Dec. 7, 1941 (shown here), the British Empire has continued to be the “New Venetian Party” of William of Orange and his successors.

base at Pearl Harbor. The British Empire of today has continued to be, in summation, the British “New Venetian Party” of William of Orange and his successors, and the bearer of the planetary, imperial strategic doctrine of the Twentieth and now the Twenty-First Century.

That imperial strategic intention is not inherent biologically in the United Kingdom itself, but in that legacy which the New Venetian Party’s William of Orange carried, as Jean-Baptiste Colbert understood, and Chancellor Bismarck did later, as this was to remain of concern through the so-called Dutch Wars, into the intended destruction of a France under a foolish Louis XIV, and, thence, into the capture of the British Isles, by William of Orange, for the role of a maritime base for the global establishment of the Fourth stage of the Roman Empire, the so-called world-wide British Empire.

The evil instinct of that British Empire, is not an expression of the people of that virtual imperial bath-tub toy known as the United Kingdom itself; it is the expression of the lust inherent in the New-Venetian mode of imperial monetarist, maritime system which pres-

ently dominates the world through, chiefly, that empire's control over the crucial factor of "Wall Street" and, incidentally, a virtually drooling (intellectually) British puppet, and plausibly mentally incompetent (under Section 4 of the 25th Amendment to the Constitution) and childish basketball fanatic, known otherwise, for the moment, as U.S. President Barack Obama.

Actually, the root of the British Empire must be traced by historians to a time no later than the succession of those ancient follies of Mediterranean maritime culture known as the Trojan and Peloponnesian wars. The key to the mystery surrounding those wars was, as the great Aeschylus, and, later, Plato, made sufficiently clear to the actually sentient, the ancient monetarist maritime cult of Delphi.

What is most essential to be understood about all this, especially from the standpoint of current history, is that the principle of monetarism is, in and of itself, the principle of imperialism. As the history of four successive, principal phases of the Roman Empire shows, as it is now culminating in the British expression of the New Venetian Party's flag carried into the British Isles by William of Orange, is that the essential principle of empire is not colonies as such, but a monetarist system to which nations and peoples remain captives of monetarism as such. Britain does not control the empire; the British monarchy itself, since the folly of Henry VIII, has remained the captive of what has lately become the current neo-Venetian incarnation of a presently reigning, world-wide, monetarist system *per se*.

The Option: Cusa's Revolution

All that which I have said on the subject of the successive phases of the existence of the Roman empire, requires us to pause at this point to take into account a crucial phase-change in the succession of forms of that empire which emerged around the Fourteenth-century process leading into the A.D. 1438-40 "great ecumenical Council of Florence," and into the role of the Cardinal Nicholas of Cusa who was a leading founder of all competent forms of modern science and the prompter of the policy of trans-oceanic settlements expressed by the Cusa-inspired, A.D. 1480-1492 commitment of Christopher Columbus to cross the Atlantic to the land he knew he would find, as he did in a timely fashion, on the other side.

Briefly, Cusa's expressed intention in proposing such a strategic action, was based upon his judgment

that what had been the excellent intention of the Florentine Renaissance, was now imperilled by the fact of that Venetian maritime power then scrambling to re-establish that former imperial maritime authority which the Venetian monetarists had earlier gained over the Byzantine Empire since about the same time leading into the Norman conquest of England. Cusa's instruction to his heirs, was to cross the great oceans to establish a base from which to take Europe back from the fangs of the reviving Venetian monetarist system. As subsequent history to date has shown, Cusa's motive is still the proper intention of a sane state of Europe today.¹⁶

Unfortunately, such matters as the follies of France's Louis XIV in the matter of the same Dutch trap associated with the figure of Rene Descartes, and the role of William of Orange's conquest of the British Isles on behalf of the New Venetian Party, had led into the Anglo-Habsburg alliance for that destruction of France, a New Venetian Party which consolidated its New-Venetian, monetarist form of imperial power throughout most of Europe up through a crucial point about A.D. 1815 and beyond.

Over the interval since that Vienna Congress which was dominated by the arrangement of Britain's Castlereagh and Prince Metternich, until the defeat of that British Empire-controlled slavery and drug trafficking, as by way of the Queen of Spain, through the setback to the British Foreign Office's puppet the Confederacy, Russia was usually the principal friend of the United States. This U.S.A. victory over the British puppet known as the Confederacy, had led into the emergence of a Germany led by the genius of Chancellor Bismarck as the architect of a Germany whose economy was

16. It must be emphasized as a relevant historical fact, that with the decline of the first Roman Empire based in Rome itself, the wealthy and powerful families of the empire moved for the protection of their remaining ill-gotten wealth into the swamp-like regions of the Northern Adriatic, where, at a later time, they secured a certain independence from the European imperial system of that time, to emerge, in the course of the approach to the Norman Conquest of England, as the center of the monetarist interest controlling the Crusades and related matters, up through the Fourteenth-century New Dark Age. The Venetian interests taking control over Henry VIII, unleashed the "hot phase" of the 1492-1648 rampage of religious warfare which continued until the Treaty of Westphalia. The capture of the British monarchy by the Venetian circles associated with Francesco Zorzi's control over the mind and marriages of Henry VIII, set into motion the ugliest phases of the religious warfare of the 1492-1648 interval, leading into the seizure of the total Venetian monetarist control over the British system by the New Venetian Party's role in both the Dutch wars against France's Louis XIV and the takeover of the English monarchy by William of Orange.

greatly enhanced by Bismarck's explicit adoption of the American System of political-economy.

The consequent convergence of Germany and Russia on adoption of "the American model," from about the time of 1876 Philadelphia Centennial, until the 1890 ouster of Bismarck by the British monarchy, was the greatest threat to the world power of the British empire until the later accession of U.S. President Franklin D. Roosevelt. The intended destruction of both Germany and Russia, and corruption, and ultimate destruction of the United States, was the specific intention of the British monarchy and its empire, a British monarchy to be defined as descended from Caesar Augustus through the Roman, Byzantine empires, and the Crusades, into the modern British empire defined by the methods and intentions of William of Orange and beyond the reign of Prince Albert (Edward VII), as continued up to the present date.

The scientifically precise definition of that four-phased saga of the empire, from Rome through Byzantium, through the old Venetian system, and, presently, the New Venetian Party's Anglo-Dutch system known as the British Empire, is that of "an imperial monetarist system," as opposed to the customary, foolishly naive references to a "British empire" of colonies as such. It is empire in its body incorporating the subjects of the monetarist system as being merely subordinated parts of the imperial form of monetarist power over international finance and trade, nominally centered in the person of the British monarch, just as Queen Elizabeth II has emphasized that point in references to a "British Commonwealth," and as the present "Euro" system avows such a specific imperial power over the nations of Europe today.

Thus, the present British imperial intention is to establish the existence of an economic pact respecting a present world monetarist system in its presently advanced state, as directly absorbing the United States itself into a virtual mere "Wall Street-centered" satrapy of a reigning imperial British power. That is, essentially, where matters stand presently.

On the Subject of "Energy-Flux Density"

The presently urgent task before our United States, is defined by the indispensable mission-orientation of launching a general economic recovery of a largely wrecked and ruined United States. Such a recovery can occur only through a great leap upward, toward the general application of the means of nothing less than

progressively increased levels of what is considered, generically, as qualities of "nuclear" and "thermonuclear" power ordered according to the relevant, required qualitative increases in employed energy-flux density. This means "power" as defined in terms of reference to "power" measured in terms of accelerating rises in what is termed "energy-flux density": this means "power" measured roughly in terms of concentration of power per square centimeter cross-section of flow into its application.

To restate the point, that means that today's standard for civilization is the domination of economies by increasing reliance on the movement of standard primary sources of power associated with the transition from nuclear-fission, through thermonuclear fusion, and beyond.

The point is illustrated, most dramatically, and also most appropriately, by comparing the pitiable concentrations of power represented by nuclear-fission with the bursts of Solar radiation which were responsible for the most recent crisis in the Pacific basin. The security of mankind itself demands nothing less than such an active intention as an objective of mankind's policy, beginning now. Does this mean that we must be dedicated to wielding such power according to our human will? Precisely so; it will require a bit of time to reach such a goal, but we must be already in the process of reaching it. If we are truly sane, we are not dedicated to anything less.

III. The System of Physical Economy

The attempt to place the emphasis of science on the worship of mathematics when addressing the principles of economy, or any other branch of modern science, presents us with a matter which is comparable to the case of the post-hole digger who begins and closes his daily routine with a period of religious worship of the image of his spade. It were sufficient for today, to demonstrate that that aphorism which I have used to begin this chapter, has been said by me here on behalf of the intent to defend the fruits of the actually beneficial use of mathematics, but condemn the silliness of a blind worship of that subject. That proof of that distinction can be shown with sufficient relevance by pointing to the most essential interdependence of the truthfulness shared among the principal discoveries of Bernhard