

The Omega Point



Mike Hockney

The Omega Point

BY

MIKE HOCKNEY

PUBLISHED BY HYPERREALITY BOOKS

Copyright © Mike Hockney 2013

The right of Mike Hockney to be identified as the author of this work has been asserted in accordance with sections 77 and 78 of the Copyright Designs and Patents Act 1988. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopy, recording, or otherwise, without the prior permission of the author, except in the case of a reviewer, who may quote brief passages embodied in critical articles or in a review.

Quotations

“What we call the beginning is often the end. And to make an end is to make a beginning. The end is where we start from.” – T. S. Eliot

“Once you see the boundaries of your environment, they are no longer the boundaries of your environment.” – Marshall McLuhan

“I seldom end up where I wanted to go, but almost always end up where I need to be.” – Douglas Adams

“There are limits to the dimension of fear. Until one meets the unknown. Then terror has no boundaries, no walls to keep it contained.” – Carol Hedges

“You’ll never find your limits until you’ve gone too far.” – Aron Ralston

“The decay of inquiry stems from some belief that suppresses curiosity.” – Brandon A. Trean

“History in general is therefore the development of Spirit in Time, as Nature is the development of the Idea in Space.” – Hegel

“We are finite, in that we are a product and source of the infinite.” – Ilyas Kassam

“I mean that gods do not limit men. Men limit men.” – Tom Robbins

“The sky is not my limit ... I am.” – T.F. Hodge

Table of Contents

[The Omega Point](#)

[Quotations](#)

[Table of Contents](#)

[The Illuminati](#)

[The Strange Attractor](#)

[God Consciousness](#)

[Christogenesis](#)

[Noogenesis](#)

[The Singularity](#)

[Sacred Games](#)

[The God Point](#)

[Dante's Hell](#)

[The Soul](#)

[The Dionysian Artificers](#)

[The Spirit World?](#)

[Hyperreality](#)

[Vampirism – the Religion of Vampires](#)

[The Angel Religion](#)

[The Angel Religion; the Luciferian Revolution; the Rise of Women](#)

[Hitler and Jehovah](#)

[Science and the Unconscious](#)

[Hyperreason](#)

[Archetypal Evil](#)

[The Gospel of Scientific Empiricism](#)

[Time – Science’s Greatest Error?](#)

[The Vacuum Catastrophe](#)

[Zero Point Energy](#)

[The Photonic Enigma](#)

[The Cosmic Fallacy](#)

[The Perfected Race](#)

[The Magical Fourier Transform](#)

[The Commutative Law: the Answer to the Enigma of Free Will](#)

[The Trajectory of the Universe](#)

[The Improbability of Life?](#)

[The Biggest Theoretical Disaster Ever](#)

[The Time Enigma](#)

[The Principle of Sufficient Reason](#)

[The Bangless Bang](#)

[Hypertime](#)

[The Enigma of Now](#)

[Machine Man](#)

[The Soul and God](#)

[How to be Right and thus Wrong](#)

[Predatory Capitalism](#)

[The Insights of Machiavelli](#)

[The Quantum Mystery](#)

[The Finite and the Infinite](#)

[Time Out](#)

[The Gods: Good or Evil?](#)

[There's Only One Light and You're Standing in Mine](#)

[The Rosicrucian Manifestos](#)

[Ludibrium](#)

[The "Lone Gunman" Theory](#)

[The Islamic Apocalypse](#)

[The Sex of the Soul](#)

[The Global Apostasy](#)

[Divine DNA](#)

[The Cathars](#)

[Will the Real Shakespeare Please Stand Up?](#)

[Kumbh Mela](#)

[The Sex Question](#)

[The Eastern Delusion for Western Suckers](#)

[Lucifera](#)

[Video Game World?](#)

[The Razor's Edge of Now](#)

[Life and Eternity](#)

[Holographic Eastern Religion](#)

[What Killed Stonehenge?](#)

[Power – the Lust to Win](#)

The Illuminati

THIS IS ONE OF A SERIES OF BOOKS detailing the cosmology, philosophy, politics and religion of the ancient and controversial secret society known as the Illuminati, of which the Greek polymath Pythagoras was the first official Grand Master. The society exists to this day.

The Strange Attractor

Is the universe being pulled towards a final, climactic point, the culmination of *everything*? Big Bang theory says that the universe arose from a single dimensionless point. Will it return to that same point? Jesuit palaeontologist Pierre Teilhard de Chardin famously claimed that the universe has an “Omega Point” (God, as we might say) that’s “pulling” all of Creation towards it. At some point in the future, Creation will merge with the Omega Point and *all will be God*. For Teilhard de Chardin, Creation came from God and will return to God.

Teilhard de Chardin was suspected of heresy by the Catholic Church and many of his writings were suppressed until after his death. What’s certain is that he *was* a heretic, and, ironically, if the Catholic Church wants to have any kind of future, it ought to embrace his heresy!

Teilhard de Chardin’s ideas were so radical because he was rejecting the ancient Creationist view of Christianity and replacing it with a modern evolutionary view. That said, Teilhard de Chardin was no Darwinist and he rejected outright the scientific materialist notion that the universe is evolving purposelessly towards the grim heat death predicted by the Second Law of Thermodynamics.

Instead, Teilhard de Chardin was a leading advocate of a version of *orthogenesis*, which Wikipedia defines as:

“Orthogenesis, orthogenetic evolution, progressive evolution or autogenesis, is the hypothesis that life has an innate tendency to evolve in a unilinear fashion due to some internal or external ‘driving force’. The hypothesis is based on essentialism and cosmic teleology and proposes an intrinsic drive which slowly transforms species. George Gaylord Simpson (1953) in an attack on orthogenesis called this mechanism ‘the mysterious inner force’. Classic proponents of orthogenesis have rejected the theory of natural selection as the organising mechanism in evolution, and theories of speciation for a rectilinear model of guided evolution acting on discrete species with ‘essences’.”

Peter J. Bowler defined orthogenesis as: “Literally, the term means evolution in a straight line, generally assumed to be evolution that is held to a regular course by forces internal to the organism. Orthogenesis assumes that variation is not random but is directed towards fixed goals. Selection is thus

powerless, and the species is carried automatically in the direction marked out by internal factors controlling variation.”

Susan R. Schrepfer said, “Orthogenesis meant literally ‘straight origins’, or ‘straight line evolution’. The term varied in meaning from the overtly vitalistic and theological to the mechanical. It ranged from theories of mystical forces to mere descriptions of a general trend in development due to natural limitations of either the germinal material or the environment... By 1910, however most who subscribed to orthogenesis hypothesized some physical rather than metaphysical determinant of orderly change.”

It’s crucial to understand that theories of evolution come in two radically different flavours: 1) *purposeful* and 2) *purposeless*.

Aristotle was the first great advocate of purposeful (teleological) evolution, with “God” acting as the first *and* final cause of evolution, and everything seeking in some sense to become more like God and closer to God, giving rise to a “Great Chain of Being” stretching all the way up to God (the divine terminus). Aristotle’s rational God was thus the original “Omega Point”, with the final Aristotelian world looking highly designed and static (hence, as Catholicism recognized, resembling a product of divine Creation rather than evolution). Two thousand years later, Leibniz, in his published *Monadology*, conceived of a divinely programmed universe converging on perfection (the “best of all possible worlds”). In his secret writings, Leibniz contemplated a free universe, without a Creator God, mathematically converging on perfection (the “limit” of the process of evolution), and, in doing so, creating infinite Gods.

Jean-Baptiste Lamarck imagined organisms moving up a “chain of being” or “ladder of progress”: everything was becoming more complex and exhibited an intrinsic drive towards perfection. Lamarck advocated an evolutionary process in which organisms actively adapted to their environment, and their offspring inherited these acquired characteristics.

Hegel introduced the notion of a rational universe dialectically converging on an “Absolute” condition – rational cosmic *perfection* – a completely self-aware universe, knowing exactly what it was and how it came to be.

Teilhard de Chardin’s evolutionary scheme belongs to this tradition. However, instead of Aristotle’s rational God, he conceived of a theistic Christian God, drawing all souls towards him through perfect love. Where conventional Christianity is static and Creationist – with a permanent, infinite gulf between God and the souls he created – Teilhard de Chardin’s

Christianity is evolutionary and is all about bridging the gap between man and God. This is blatant heresy in terms of the Catholic Church, but it's an enormously superior Christian "vision".

Tragically, none of the old religions has any capacity to change. They're all locked into the past. They need to evolve if they're to be relevant in the modern world, but evolution is the one thing beyond all of them, so their doom is certain. The only thing keeping them going is the immense brainwashing operation they have been conducting for millennia, indoctrinating babies and keeping them in the grip of religious fanaticism all of their lives. Without their sinister mechanisms of control over the simple-minded, these religions would have perished long ago.

There are three *purposeless* versions of evolution:

- a) Bergson's *creative* evolution where a vital living force called *élan vital* drives higher and higher states of evolution, but without reaching any definite end (no omega point).
- b) some versions of orthogenetic evolution whereby evolution continues upwards linearly but not towards any specific goal.
- c) Darwinian evolution by genetic mutation and natural selection. This is the atheistic, scientific materialist approach. Nothing is striving to achieve any appointed end. There's no mind at work.

Illuminism belongs to the purposeful, teleological school of thinking. It's based on the concept of the universe as a self-solving, self-optimizing mathematical equation with infinite nodes (monads; souls). The cosmic equation has a perfect solution – a mathematical omega point – and this is arrived at through dialectical convergence.

Any evolutionary system that involves an omega point is an instance of "convergent evolution". Aristotle, Leibniz, Lamarck, Hegel, and Teilhard de Chardin were all convergent evolutionists. Bergson, on the other hand, was a *creative* (non-convergent) evolutionist and Darwin was an advocate of non-creative, non-convergent, purposeless evolution.

Darwinian evolution goes hand in hand with scientific materialism, hence is the de facto standard in the modern scientific world. All of the other versions of evolution are idealist rather than materialist. That said, Marxist

dialectical materialism is a kind of half-way house between materialism and idealism, and is a convergent system – heading for a perfect Communist State where “material” exists in its most perfect, highest quality state, reflected in the Communist citizens themselves.

Goal-oriented behaviour, associated with an internal “driving force”, invariably indicates the presence of mind. Moreover, a mind conceives of a *final* destination. The notions of getting to heaven (a perfect paradise) or becoming God (a realisation of complete personal perfection) are symptomatic of evolutionary convergence on an “omega point”. Perfection itself is a convergent concept. You can never reach a perfect state if you just keep going and going. Imagine an unlimited process of getting “better”, without any conclusion. How could such a process make any sense? How can you have an eternally open-ended improvement, *never* reaching perfection?

In one way or another, we can all imagine a perfect God. What no one can imagine is a God who is not perfect but continually getting more perfect. If he’s not perfect then he’s *not* God! It’s the attainment of the final condition of absolute perfection that *defines* God.

Non-convergent evolutionary systems are, by the same token, non-teleological, hence are about something other than mind. Bergson’s *élan vital*, which promotes constant creative evolution, isn’t a mental force since it has no particular aims, no definite targets, nothing specific which it’s planning to bring to fruition. Whatever it’s doing, such a force is not exercising the defining traits of mind, hence it’s not obvious what such a force actually is. The great debates of philosophy have always centred on mind and matter. There is no “third force” that is neither mind nor matter and has no fundamental connection with mind and matter.

Evolution is either about convergence on a final, perfect state (the Absolute, the Omega Point), or it’s purposeless, divergent, or both. Convergent evolution is *meaningful* (it defines a specific meaning to life: the attainment of the perfect final state, which is the “answer to everything”). Any non-convergent evolutionary theory (including Bergson’s) is *meaningless*. It leads to no final objective, no final answer, no final explanation. Bergsonian and Darwinian evolution are blind processes, leading nowhere.

Although Bergson was strenuously opposed to materialism and mechanism, his philosophy, ironically, is as meaningless and purposeless as Darwinism. Bergson thought it was the great strength of his philosophy that it

was endlessly creative and an open-ended expression of an unquenchable life force. But since it has no objectives, it's much more akin to Schopenhauer's irrepressible, blind Will, constantly striving, but not seeking to accomplish anything in particular, and generating endless misery and suffering as it goes along. For Schopenhauer, pure life was pure Will, and it was *evil*. The best outcome, in his view, was for total *non-existence*. A life force with no purposes is indeed a kind of hell. Life *must* have meaning, purposes, objectives, goals. Life without meaning is as bad as purposeless, meaningless scientific materialism (Darwinism).

It's interesting that materialists always rubbish non-materialist explanations of reality on the basis that they refer to some "mysterious inner force". Yet consider free will, which allows human beings to do completely irrational, unpredictable things. Isn't free will a "mysterious inner force"? So, do you or don't you have free will? If the materialists are right, free will is a bizarre illusion and we are in fact subject to entirely causal scientific forces. In which case, how does science explain this mysterious illusion of freedom? What possible origin could it have? What purpose could it serve? How could it come about in the first place? How can inexorable causal forces generate the notion of uncaused causal forces?

If you have free will – and surely this is the most obvious, central fact of your life – then materialism is ipso facto *refuted*.

Scientific materialism accepts the existence of mind but in a bizarre way: as a pointless, purposeless epiphenomenon of mindless, material atoms. Mind, in science, has no causal efficacy whatsoever. According to science, if you removed the minds from everyone, not a single thing or objective fact would change in the world since all that actually matters are the causal interactions of mindless atoms (which take place according to implacable laws), and these are wholly unaffected by the epiphenomenon of mind.

In the philosophy of mind, there's the concept of the "zombie", which Wikipedia describes it in the following way:

"A philosophical zombie or p-zombie in the philosophy of mind and perception is a hypothetical being that is indistinguishable from a normal human being except in that it lacks conscious experience, qualia, or sentience. When a zombie is poked with a sharp object, for example, it does not feel any pain though it behaves exactly as if it does feel pain (it may say

‘ouch; and recoil from the stimulus, or tell us that it is in intense pain).

“The notion of a philosophical zombie is used mainly in thought experiments intended to support arguments (often called ‘zombie arguments’) against forms of physicalism such as materialism, behaviourism and functionalism. Physicalism is the idea that all aspects of human nature can be explained by physical means: specifically, all aspects of human nature and perception can be explained from a neurobiological standpoint. Some philosophers, like David Chalmers, argue that since a zombie is defined as physiologically indistinguishable from human beings, even its logical possibility would be a sound refutation of physicalism.

...

“Zombie arguments often support lines of reasoning that aim to show that zombies are logically possible in order to support some form of dualism – in this case the view that the world includes two kinds of substance (or perhaps two kinds of property); the mental and the physical. According to physicalism, physical facts determine all other facts. Since any fact other than that of consciousness may be held to be the same for a p-zombie and a normal conscious human, it follows that physicalism must hold that p-zombies are either not possible or are the same as normal humans.

“The zombie argument is a version of general modal arguments against physicalism such as that of Saul Kripke against that kind of physicalism known as type-identity theory. Further such arguments were notably advanced in the 1970s by Thomas Nagel (1970; 1974) and Robert Kirk (1974) but the general argument was most famously developed in detail by David Chalmers in *The Conscious Mind* (1996). According to Chalmers one can coherently conceive of an entire zombie world, a world physically indistinguishable from this world but entirely lacking conscious experience. The counterpart of every conscious being in our world would be a p-zombie. Since such a world is conceivable, Chalmers claims, it is logically possible, which is all the argument requires. Chalmers states: ‘Zombies are probably not naturally possible: they probably cannot exist in our world, with its laws of nature.’ The outline structure of Chalmers’ version of the zombie argument is as follows;

- 1) According to physicalism, all that exists in our world (including consciousness) is physical.
- 2) Thus, if physicalism is true, a logically-possible world in which all

physical facts are the same as those of the actual world must contain everything that exists in our actual world. In particular, conscious experience must exist in such a possible world.

3) In fact we can conceive of a world physically indistinguishable from our world but in which there is no consciousness (a zombie world). From this (so Chalmers argues) it follows that such a world is logically possible.

4) Therefore, physicalism is false.”

This is a powerful and persuasive argument. In Descartes’ philosophy, animals were treated as mindless, soulless zombies. There’s no reason in the doctrine of physicalism why the same should not be true of human beings too.

The blunt fact is that consciousness, mind and free will serve no purpose whatsoever if the world is as described by the physicalists. How could genetic mutation and natural selection have produced artefacts – epiphenomena – that have no evolutionary adaptive survival value in any way? What possible function could they serve? If Darwinism can produce such absurdities, then why can’t it produce any other absurdities, including not obeying natural selection at all? If Darwinism produces epiphenomena then why is Darwinism itself not an epiphenomenon: a mere mental construct that bears no resemblance to any conceivable truth? If mind is not causal then mind is not *real*. It has no connection with reality. All thoughts are false (or “irrefutable errors” to use Nietzsche’s term). Therefore scientific materialism – a mentally constructed theory – is false, Darwinism is false and everything conceivable is false.

The “truth”, in this view, is noumenal and our epiphenomenal minds have no knowledge of it at all, and never can have, just as Kant said. However, if the mind is an epiphenomenon then we can have no knowledge of *either* the phenomenal or noumenal world. The only “knowledge” we have is of the epiphenomenal domain itself, which isn’t causally connected to anything at all, hence is a world of pure fantasy and nonsense, never intersecting with the truth and reality, or even phenomena, at any juncture. That’s what “science” has given us ... a system of thought in which science itself can have no possible validity since science is a construct of mind, mind is an epiphenomenon that has no link to causal reality, hence science has no connection to anything real. Science *must* be false since it actually refutes itself!

The philosophical “zombie” argument can be applied in countless different ways because its key point is that mind, according to physicalism, has no causal effects. Therefore, mind can have any properties whatsoever because it never affects the “real” world. So, we can have zombie minds, or “drunk” minds, or LSD minds, or minds that are sure they have no free will, or insane minds, or blank minds ... any type of mind at all. Since all of these different minds are epiphenomena that do not affect atomic and molecular “reality” then their properties and qualities are always irrelevant. Darwinism, in these terms, ought to have generated all possible minds since minds have no adaptive, survival value, so no mind should predominate over any other since they are all equally pointless in Darwinian evolutionary terms. Minds, in the physicalist doctrine, are supremely irrelevant. Who cares what thoughts, feelings and sensations are in people’s minds if atomic and molecular processes are going to take place with scientific causal inevitability regardless of the contents of any minds? Ideas in minds are as irrelevant as dreams. They have no bearing on reality whatsoever.

However, we *know* that mentally ill people cease to be functioning human beings and have to be locked up in asylums. If minds are epiphenomena then mad minds should be every bit as valid as “sane” minds, and what could the labels “mad” and “sane” possibly mean anyway if all minds are linked to a fantasy domain and do not impact on the real world? Why should atomic and molecular processes and interactions create “sane” and “insane” minds, neither of which can have any causal impact on anything? It doesn’t make any sense.

Occam’s Razor says that, when faced with competing hypotheses, we ought to choose the one that makes the fewest assumptions. This is closely connected to the principle of sufficient reason since there’s no sufficient reason why anything should be more complex than it needs to be. Perhaps we should define another, related concept called the *Superfluousness Razor*, which says that any theory that has superfluous features should be automatically rejected since there’s no sufficient reason why ontology should generate redundant features with no sufficient reason for their existence.

What function does mind serve in a mindless universe that can operate (according to science) without mind? What would generate these pointless, superfluous minds? What possible process would create the delusion of free will in redundant minds that have no possibility of ever exercising free will?

The simplest hypothesis, the one that is in accord with Occam’s Razor, the

Superfluoussness Razor and the Principle of Sufficient Reason, is that mind is an authentic entity in its own right: mind *can* affect matter and free will really exists, meaning that the laws of science provide an insufficient and incomplete account of reality since they do nothing to explain causality initiated by the free action of mind rather than causality initiated by inevitable scientific causal networks.

God Consciousness

For Pierre Teilhard de Chardin, the Omega Point is supreme consciousness (*God consciousness*). It's the maximum level of complexity and consciousness of which the universe is capable and it is towards this *Attractor* that the universe is being relentlessly drawn. This consciousness has always existed and it created an evolutionary process whose purpose was to generate conscious souls which would, finally, find their way back to their Creator and enter into union with him.

Teilhard de Chardin explicitly stated, "Evolution is an ascent toward consciousness." He also believed that individual consciousnesses grow together in some sense, producing a kind of collective consciousness or psychic unity: "No evolutionary future awaits anyone except in association with everyone else." This collective consciousness is the *Noosphere* (the sphere of *mind*) and its destiny is to merge with the Omega Point (God).

Teilhard de Chardin's central thesis is that evolution obeys the "Law of Complexity/ Consciousness", of which Wikipedia provides an effective definition:

"The Law of Complexity/ Consciousness is the tendency in matter to become more complex over time and at the same time to become more conscious. The law was first formulated by Jesuit priest and palaeontologist Pierre Teilhard de Chardin.

"Teilhard holds that at all times and everywhere, matter is endeavouring to complexify upon itself, as observed in the evolutionary history of the Earth. Matter complexified from inanimate matter, to plant life, to animal-life, to human-life. Or, from the geosphere, to the biosphere, to the noosphere (which humans represented, because of their possession of a consciousness which reflects upon themselves). As evolution rises through the geosphere, biosphere, and noosphere, matter continues to rise in a continual increase of both complexity and consciousness.

"For Teilhard, the Law of Complexity/ Consciousness continues to run today in the form of the socialization of mankind. The closed and circular surface of the Earth contributes to the increased compression (socialization) of mankind. As human beings continue to come into closer contact with one another, their methods of interaction continue to complexify in the form of better organized social networks, which contributes to an overall increase in

consciousness, or the noosphere.

“Teilhard imagines a critical threshold, Omega Point, in which mankind will have reached its highest point of complexification (socialization) and thus its highest point of consciousness. At this point consciousness will rupture through time and space and assert itself on a higher plane of existence from which it cannot come back.”

This emphasis on matter makes Teilhard de Chardin’s theory somewhat similar to Marxist dialectical materialism, which also involves the increasing complexity and quality of matter (through which mind and consciousness are expressed since mind, in this theory, is the highest product of matter).

Teilhard de Chardin’s theory involves a continual upwards trajectory. Things are always getting better. Evolution can move in one direction only and that’s up. It’s as if it’s being held in a tractor beam by the Omega Point, and constantly drawn up and in. Evolution has the effect of making the universe more and more like God!

The union of the Noosphere and the Omega Point is the goal of history, and brings about the apex of consciousness: God’s consciousness merging with that of all of the souls he created. There is no hell in this system, only heaven.

Teilhard de Chardin’s theory amounts to a claim that the Omega Point is the *pre-existing* supreme point of complexity and consciousness, and then causes the universe to grow in complexity and consciousness. The universe evolves in the *image* of the Omega Point and the likeness grows stronger and stronger until there is final convergence and union.

Given Teilhard de Chardin’s Catholicism, he equated the Omega Point with the Christian *Logos* (“Through him all things were made.”). To act as an “accelerator”, Jesus Christ incarnated on Earth and thus brought the God consciousness into our midst and gave an astonishing boost to the development of the Noosphere.

Christ – cosmic love – draws all things into himself. All souls are saved in the end. Isn’t that a vastly superior version of Christianity than the one we currently have?

Christogenesis

The birth of life on Earth is called *Biogenesis* and the birth of intelligent thought on Earth *Noogenesis*. According to Teilhard de Chardin, the next phase of evolution is *Christogenesis* – where humanity, via the Noosphere, develops the ability to merge with the Christian God (the Omega Point). *Christogenesis* involves the upwards evolution towards Christ, and promotes increasing love of one's neighbours.

Christogenesis began 2000 years ago, naturally, and has been cherished and developed by the Catholic Church (given that Teilhard de Chardin was a Jesuit). However, it has not yet replaced *Noogenesis*.

Christogenesis has the ultimate effect of allowing human consciousness to merge with God consciousness. The true message of Christianity is that Jesus Christ – the Man God (God incarnate in Man) was the forerunner, guide and exemplar of what it means for the human and divine consciousness to become one. Through Christ, all of humanity is united in a collective Christian consciousness (via the Golden Rule of “Love thy neighbour as thyself.”) – the *Christosphere*, which supplants the Noosphere. The Christosphere, unlike the Noosphere, is eligible to merge with the Omega Point itself, bringing about the end of history, the end of evolution, and the end of God's great cosmic plan (from Alpha to Omega!).

Teilhard de Chardin characterizes Christ as the Prime Mover of the evolutionary process of increasing complexity-consciousness. He's a *cosmic* Christ, directing cosmic evolution. His influence and magnetic power are felt everywhere, drawing all towards him. As well as his divine and human natures, Christ has a cosmic nature.

This is a “total Christ”. He attains his cosmic role following his incarnation, death and resurrection on Earth. His humanity is a precondition of his cosmic nature, informing it and making it what it is. Christ has a divine nature on a cosmic scale, yet, by virtue of his unique incarnation, he equally has a human nature on a cosmic scale. The cosmic Christ, with a human nature, is the stage *after* the incarnated Christ. *Before* the incarnation, the cosmic Christ (“God the Son”) did not have direct experience of the human condition; afterwards he did. He could identify with our sufferings.

The “Second Coming” occurs when the Christosphere is completed (implying an entirely Christian or, more specifically, Catholic world, since

the Catholic Church is the universal Church).

The Cosmic Christ draws all of us towards a great, unifying centre, which is none other than God himself (the Omega Point). Christ, in his incarnation on Earth, had a physical, human body, but as the Cosmic Christ, the whole cosmos is his body.

Teilhard de Chardin said, “God chose the love of his incarnate Son as the First mover of the restored Universe.” That is, after humanity’s “fall”, Jesus Christ acted as the divine mechanism for humanity to be reunited and reconciled with God. At the Omega Point, Eden is restored and humanity once again lives in paradise.

Cosmogenesis – the birth and development of the cosmos – is seen, in the end, to be Christogenesis, meaning that Christ is the true evolutionary driver of upwards cosmic progress. Evolution will end at the Omega Point where God and humanity, via Christ, merge.

For Teilhard de Chardin, God did not establish a “Them” and “Me” universe, with God and his Creation eternally separate. Rather, he created a teleological evolutionary process which would culminate in the union of God and his Creation. God, in effect, brings about the perfection of his Creation (through Christ) and the perfect Creation can then become one with its perfect Creator. Creation is not complete until it is rendered perfect.

Between cosmogenesis and Christogenesis lies anthropogenesis (aka noogenesis) – the birth and development of thinking humanity.

Teilhard de Chardin wrote, “If the world is convergent and if Christ occupies its centre, then the Christogenesis of St. Paul and St. John is nothing else and nothing less than the extension, both awaited and un hoped for, of that noogenesis in which cosmogenesis – as regards our experience – culminates.”

God is akin to a centre, seeking a sphere to act as its core, and his Creation is akin to a sphere, seeking a centre. At the Omega Point, the centre finds its sphere and the sphere its centre. The cosmic Christ is the engineer of this union.

It’s an inevitable feature of Teilhard de Chardin’s theory that Christ becomes incarnate on planets throughout the universe. Earth is no longer “special”. This idea horrified his Catholic superiors, and he was forced to suppress such opinions.

The New Vatican Council

It was obvious to Teilhard de Chardin that the universe reflects evolutionary

processes. For Christianity to be relevant in the face of this blatant fact, it has to abandon its traditional, static Creationist account of the universe. Christ is converted into the director of teleological cosmic evolution, guiding Creation towards its Creator (the Alpha and Omega Point).

Teilhard de Chardin's scheme is enormously more powerful and inspiring than conventional Christianity. Unlike the standard Christian account of reality, it stands a chance of being reconciled with science. It isn't immediately laughable and vile.

Isn't it time that the Catholic Church had the guts to abandon its old, failed, refuted doctrines and embraced a far superior version of Catholicism that contains the same core ideas, but now in a palatable, modern form.

If Catholicism defiantly maintains its present position, it will be dead before the end of this century. It has only one chance: to rebrand itself, to give itself an evolutionary makeover.

It never will, of course. Dead things cannot be resurrected!

What, in the end, is the core message of Christianity, as understood by the ordinary Christian? It's that people should be respectful and helpful to each other. They should do as they would be done by. They should love their neighbours. Jesus Christ is the exemplar for them, and the guide who will lead them to paradise. Well, all of that is contained in Teilhard de Chardin's new version of Christianity. Who cares about all the doctrinal minutia? Most Christians certainly don't since they know nothing of advanced Christian theology. So, why not just have a "big picture" Christianity, a version that delivers the core message and jettisons the rest of the nonsense. Virgin births, miracles, Jewish history, and so on, are all irrelevant. No one needs them. They don't make any sense. Get rid of them.

Noogenesis

Noogenesis: the emergence of intelligent forms of life. It is the fourth of five stages of evolution described by Teilhard de Chardin:

- 1) *Geogenesis* (the genesis of Earth).
- 2) *Biogenesis* (the genesis of life on Earth).
- 3) *Anthropogenesis* (the genesis of humanity).
- 4) *Noogenesis* (the genesis of intelligent mind; consciousness)
- 5) *Christogenesis* (the genesis of the “total Christ”, also known as the *pleroma*).

Human beings constitute a new sphere of existence on Earth: the sphere of thought – the *Noosphere*. Noogenesis concerns the development of the noosphere, the continual increase in thought, consciousness and socialization of humanity. Human beings will devise more and more complex communication systems and means of exchanging information. This corresponds to the increasing intelligence and consciousness of the noosphere. The noosphere, like all evolutionary entities, is subject to the Law of Complexity/ Consciousness.

Noogenesis will reach a critical point of intelligence and consciousness, at which stage the noosphere will detach itself from time, space and the material plane and begin to converge on the Omega Point (the God Point). In this respect, noogenesis gives way to Christogenesis.

Noogenesis is a form of orthogenesis: the upwards evolutionary progression of the universe towards an ultimate goal.

Cosmogenesis: the origin or evolution of the *material* cosmos.

Biogenesis: the origin or evolution of the *living* cosmos

Noogenesis: the origin or evolution of the *mental* cosmos.

Christogenesis: the origin or evolution of the *higher consciousness* universe, leading to union with divinity at the *Omega Point*.

The New Christianity

The Christified Universe. The Christic Centre. Ultra-Christianity for the Ultra-human. The power of the 'Christic'. A Universal Christ.

The world needs to abandon old Christianity – a wholly failed religion. Christianity needs to be reborn. It's not Christians who need to be "born again" – it's Christianity itself. And this time it must be a Religion of Evolution rather than a Creationist Religion, and it must be about the gap between humans and God being bridged rather than staying infinitely wide forever.

"Christ" should be conceived in cosmic terms and should have nothing to do with the Jewish insurrectionist Yehoshua ben Yosef, crucified by the Romans as an absurd claimant to the title of "King of the Jews". The new Christianity should have no connection with Judaism. The new Christianity should be based on the ideas of Teilhard de Chardin, and, above all, Hegel. Teilhard de Chardin's Omega Point is simply a new name for the Hegelian Absolute.

The final reality – the Omega Point, the Absolute – is perfect self-consciousness that understands *all*.

JW: I wonder how many people realize how influential the teachings of Pierre Teilhard de Chardin on Illumination were.....One of the most brilliant minds of the 20th century..."

And where did Teilhard de Chardin get his ideas from? Certainly not from Christianity. The inspiration for Teilhard de Chardin's philosophy can be traced back to Henri Bergson. As Wikipedia says,

"His reading of *L'Évolution Créatrice* (*The Creative Evolution*) by Henri Bergson was, he said, the 'catalyst of a fire which devoured already its heart and its spirit.'"

Teilhard de Chardin was also trying to "Christianize" Darwinism since it was quite clear that evolution, not Creation, was the origin of life on earth.

Decades before Darwin, Hegel was the *dialectical evolutionist* asserting that the universe was an enormous mind converging on a final, absolute condition. In other words, Hegel's work had already prefigured Teilhard de Chardin's famous concepts of the Noosphere and Omega Point. So, you see,

we quote Teilhard de Chardin because he reflects Illuminist thinking, not because Illuminism reflects Teilhard de Chardin's thinking. Always study *history* before pronouncing on who has influenced whom.

Some people talk about meritocracy as if it were created in the twentieth century. In fact, meritocracy is simply a re-branded version of ancient Platonic aristocracy – rule by the community's best people, those most in touch with the domain of perfect Ideas.

There are no such things as geniuses who spring out of nowhere with brand new ideas. Geniuses are simply those who find a valuable new take on existing ideas.

The Cosmic “Rescue”

It has been said that the Christian God is a “rescuing” God. But what's he rescuing us from? From the fate of eternal hell to which we have been subjected. But who subjected that terrible fate on us? Well, *he did!* In other words, the Christian God is rescuing us from himself. Jesus Christ died on the cross to allow us the chance to escape from “Original Sin”, but Jesus Christ was the one who imposed Original Sin in the first place. In other words, there was no need for Jesus Christ to die on any cross. He simply needed to rescind his own Original Sin! So, why didn't he?

Jesus Christ is the cure to ... Jesus Christ! If you reject Jesus Christ, you no longer need his cure!

There are people who talk about Jesus Christ as if he were a loving God. Yet he loves you only if you do absolutely everything on his terms; if you're his utter slave. If you're not, he sentences you to hell forever. Is that what passes as “love” in some people's minds?

If you love someone, don't you accept them on their terms, not on yours?!

The Oneness

For Teilhard de Chardin, the noosphere = “the conscious unity of souls”. All souls are linked but are independent personalities, with their own individual consciousnesses. When the noosphere enters into union with the Omega Point (God), souls partake of the divine perfection, while remaining themselves. In Buddhism, there are no selves in the Cosmic Oneness. In fact, the whole point of Buddhism (the attainment of *nirvana*) is the pursuit of the extinguishing of the self. Buddhists hate being individuals and see their individuality as a cruel illusion that produces only suffering. The “cure” is to

blow out the individual, like blowing out a candle, and all that remains is a life force without any personality or consciousness. The Buddhist Cosmic Oneness simply *exists*. It has no thoughts or purposes. It's spectacularly bizarre that anyone finds Buddhism attractive since it amounts to a kind of worship of non-consciousness. Whereas Illuminism is concerned with maximising consciousness, Buddhism seeks to *annihilate* consciousness. In Buddhism, consciousness itself is the source of pain. Therefore, for the pain to end, consciousness must end.

Whenever you meet a Buddhist, never forget that you are encountering someone who hates his own consciousness and who does not believe that he is an indestructible, immortal Self. The Buddhist sees himself as a bizarre illusion, and this illusion serves only to cause him misery. He seeks to cure himself by abolishing himself! Buddhism amounts to a kind of self-loathing, psychiatric condition.

Schopenhauer, a keen student of Buddhism, was one of history's greatest pessimists. For him, the "Cosmic Oneness" was blind Will – a ferocious, savage, unquenchable, striving life force with no mind, no consciousness, no reason – that simply exhibited a ceaseless, remorseless, brutal desire to exist. This Cosmic Will is what underlies all things, and the "self" (including consciousness) is simply a delusion generated by the *individuation* that accompanies space, time and the material world. That is, whereas the Will itself is outside space and time (which, for Schopenhauer, meant it was an undivided unity), it fragments inside space and time into countless separate, individual expressions of Will. These individual expressions are phenomena, but the truth is noumenal. All phenomena pass away. They are ephemeral and in a sense unreal. The only true reality is the eternal, noumenal Oneness, outside space and time. It is to this that we all return, said Schopenhauer, and into which our illusory phenomenal selves are dissolved.

There is no Schopenhauerian religion because it is the grimmest possible vision of life. It asserts that existence itself is evil because all it does is generate individual phenomenal lives which, despite flashes of joy, are essentially long tales of woe, misery and pain.

For Schopenhauer, the Will is a living hell, which continually generates souls to torment and punish, and which will do so forever. The only escape is to cease to Will. Will that no longer wills is non-existence. Eduard von Hartmann modified Schopenhauer's scheme by saying that the true noumenon was not Will alone, but Will and Intellect. In Hartmann's

philosophy, Will and Intellect are locked together in the Unconscious, but the development of consciousness effects their separation. Once Intellect is free of its terrible partner, it can plot the death of its tormentor (and of itself). At last, the misery of existence can be brought to a final end!

Buddhism portrays the underlying Oneness as being all about tranquillity and serenity rather than as a savage craving to exist and survive. There is not a single conceivable reason why anyone should agree with Buddha's vision of ultimate reality. Nothing about our world suggests that it has any restful, quiet underpinning. Buddha is an utterly second-rate thinker, enormously outclassed by Schopenhauer.

Nietzsche's Will to Power is unquestionably right. The Will is not simply concerned with survival; it wants *power*. The universe is an endless sequence of battles for power in a War for Power that never ends and never can end. We are all combatants, *compulsory* combatants. Everywhere you look, in every context, you will see contests for power.

For Hegel, the conflicts can in fact be resolved – via the dialectic. History proceeds by way of an immense war between the thesis and its opposite, the antithesis, but there is a third phase (the synthesis), in which the conflict can be resolved. However, this simply generates a new thesis, which attracts a new antithesis, which then requires a new synthesis, and so on.

This process does not continue indefinitely. It has a conclusion, a culmination, an Omega Point, in which all conflicts are rationally and finally resolved. There are no more contradictions. Thesis and antithesis have vanished. There is only synthesis, wholeness, completeness. The universe has solved itself, understood itself, overcome all of its warring elements.

This is a supremely optimistic vision. It's hardly surprising that Schopenhauer loathed Hegel since their conclusions about the nature of reality were the polar opposites.

In Hinduism, it's not clear if the Cosmic Oneness involves the abolition of conscious selves. Hindu writings are highly ambiguous, but it's quite likely that Buddhism was introduced as a logical correction to Hinduism because Hinduism flirted with the idea of immortal selves and yet seemed, in the end, to have them all come together within the ultimate ground of being: *Brahman*. Brahman is not conceived as any kind of personality or consciousness, and nor is it said to be composed of individual personalities or

consciousnesses. Without individual personalities or consciousnesses, the concept of the immortal self becomes redundant: it serves no function. Buddha realised this, so abolished the noumenal Self and replaced it with an empirical, phenomenal, illusory self.

Illuminism, on the other hand, is all about optimised, individual personalities and consciousnesses, all coming together as a Community of Gods, a Society of the Divine.

Hegel's idealist vision was converted into dialectical materialism by Marx. Marx believed that all of the conflicts of our world would be resolved within the dialectically inevitable Communist State, the Omega Point of human history.

There is a final state for the human race, but it definitely isn't communism and nor is it capitalism (as has been suggested by some commentators). It is in fact *meritocracy*: the synthesis of communism and capitalism. Meritocracy wipes out conventional capitalism by introducing 100% inheritance tax, ensuring that capital cannot be dynastically passed on, thus preventing the creation of privileged families – such as the Rothschilds – that dominate generation after generation, regardless of their merits. Nor does meritocracy impose artificial communist equality on everyone. It acknowledges differences between people and it seeks to reward the hardest working and most talented individuals. Yet a meritocratic society will not have the enormous wealth disparities of capitalism. It will exhibit neither equal wealth (as in communism) nor excessive wealth differentials (as in contemporary capitalism). It will be a sensible, moderate mid-ground that guarantees *everyone* an equal chance in life. The one system that is inherently dialectically stable is the one that gives everyone a fair chance, while also acknowledging different contributions from different people, and rewarding them differently.

There is no question that meritocracy will triumph. It's just a question of when. The central obstacle is the wealth of the super rich. This must be removed from them before the rest of the people can stand any chance in life.

The super rich are the world's masters, and all the rest of us are their slaves. This is dialectically untenable. The Omega Point of human society involves neither masters nor slaves. Both are as bad as each other. Masters and slaves are equally vile and unacceptable. The masters are evil for seeking

to dominate others and the slaves are cowardly and pathetic for allowing themselves to be dominated.

In communism, the talented are made the slaves of the untalented (“From each according to his abilities, to each according to his needs.”). The lazy get paid the same as the hard-working, hence there’s no longer any incentive to work hard.

In capitalism, excessive wealth leads to excessive power. Capitalism is inherently a master-slave system in which all those without capital are automatic slaves.

Capitalism and communism both must perish. Meritocracy is the only rational way forward.

The Singularity

The Omega Point is outside space and time. The Noosphere is, initially, inside space and time. We can imagine the union of the Noosphere and Omega Point as a process involving the gradual conversion of materially bound creatures (human beings) to more and more spiritual beings, until they eventually leave the material plane entirely and, like the Omega Point itself, are no longer part of space and time. They are now eternal, timeless beings, without physical bodies.

Although Teilhard de Chardin was highly religious, he's regarded as a pioneer of *transhumanist* thinking. Wikipedia defines transhumanism as:

“Transhumanism, abbreviated as H+ or h+, is an international intellectual and cultural movement that affirms the possibility and desirability of fundamentally transforming the human condition by developing and making widely available technologies to eliminate aging and to greatly enhance human intellectual, physical, and psychological capacities. Transhumanist thinkers study the potential benefits and dangers of emerging technologies that could overcome fundamental human limitations, as well as study the ethical matters involved in developing and using such technologies. They predict that human beings may eventually be able to transform themselves into beings with such greatly expanded abilities as to merit the label ‘posthuman’.

....

“Many transhumanists believe in the compatibility of human minds with computer hardware, with the theoretical implication that human consciousness may someday be transferred to alternative media, a speculative technique commonly known as ‘mind uploading’. One extreme formulation of this idea, which some transhumanists are interested in, is the proposal of the ‘Omega Point’ by Christian cosmologist Frank Tipler. Drawing upon ideas in digitalism, Tipler has advanced the notion that the collapse of the Universe billions of years hence could create the conditions for the perpetuation of humanity in a simulated reality within a megacomputer, and thus achieve a form of ‘posthuman godhood’. Tipler’s thought was inspired by the writings of Pierre Teilhard de Chardin, a palaeontologist and Jesuit theologian who saw an evolutionary *telos* in the development of an

encompassing noosphere, a global consciousness.”

In Illuminism, we are already “transhuman” – our Higher Self is exactly what the transhumanists seek. Transhumanism is a materialist version of the pursuit of perfection. In Illuminism, reincarnation is the natural process by which minds gain more and more power and understanding. Transhumanism is all about matter, and computers in particular. Yet it’s *impossible* for finitary systems to capture or reflect the infinite nature of the soul. They all fall victim to Gödel’s Incompleteness Theorem. No material object can ever be a *subject*. Only zero-dimensional entities (*souls*) are subjects.

Transhumanism is a flawed materialist ideology that will produce nothing but freaks and Frankenstein monsters!

While Teilhard de Chardin certainly foresaw ordinary humans giving way to super humans with super intelligence, it wasn’t an atheistic, transhumanist vision. For him, it was all about becoming pure immaterial souls that could enter into union with God.

Transhumanists often refer to an earth shattering Technological “Singularity” where the world undergoes such a singular transformation that everything changes forever. This is not a mathematical, scientific or metaphysical singularity. It has nothing to do with being outside space and time and has no connection to an immaterial domain. Given that the Big Bang – the event from which all of the “stuff” of transhumanism ultimately sprang – is an authentic Singularity event, it seems odd that transhumanists don’t conceive of a future in a literal, ontological Singularity (a true Omega Point). Illuminism is all about singularities. All souls are singularities, and the collection of all these singularities is a Super Singularity.

Teilhard de Chardin conceived of an acceleration of technological progress and a spreading of human intelligence into the universe – where it is amplified through the Cosmic Christ into a cosmic intelligence. In the end, intelligence parts company entirely with bodies and material existence. This is a much better vision of the future than the one proposed by the transhumanists, who are invariably ferocious, dogmatic materialists.

Wikipedia describes the Technological Singularity as:

“The technological singularity is the theoretical emergence of superintelligence through technological means. Since the capabilities of such

intelligence would be difficult for an unaided human mind to comprehend, the technological singularity is seen as an occurrence beyond which events cannot be predicted.

“Proponents of the singularity typically state that an ‘intelligence explosion’, where superintelligences design successive generations of increasingly powerful minds, might occur very quickly and might not stop until the agent’s cognitive abilities greatly surpass that of any human.

“The term was popularized by science fiction writer Vernor Vinge, who argues that artificial intelligence, human biological enhancement, or brain-computer interfaces could be possible causes of the singularity. The specific term ‘singularity’ as a description for a phenomenon of technological acceleration causing an eventual unpredictable outcome in society was coined by mathematician John von Neumann, who in the mid 1950s spoke of ‘ever accelerating progress of technology and changes in the mode of human life, which gives the appearance of approaching some essential singularity in the history of the race beyond which human affairs, as we know them, could not continue.’ The concept has also been popularized by futurists such as Ray Kurzweil, who cited von Neumann’s use of the term in a foreword to von Neumann’s classic *The Computer and the Brain*.

“Kurzweil predicts the singularity to occur around 2045 while Vinge predicts some time before 2030.”

Google and the World Brain

Google is digitalizing every book on earth. It wants to digitalize all of the information in the world as part of the ultimate global AI (Artificial Intelligence) project. This can be viewed as an early stage in the transhumanist vision. The last stage would be to digitize human consciousness itself!

The Matter Conundrum

“Evolution is nothing but matter become conscious of itself.” – Julian Huxley

Is such a statement a category error? If matter is made of atoms and atoms have no mental qualities then how can matter ever become conscious? The truth is that matter is the vehicle through which souls become conscious, and matter in the final analysis is itself mental. Specifically, matter is mental energy that exists in a dimensional, extended arena rather than in a

dimensionless, unextended arena.

What is mind? It's energy. What is energy? It's eternal information. What is eternal information? It's eternal sinusoidal waves. Think of how information is constructed. It's patterned, ordered and organized rather than random and chaotic. All information must have exactly the same basic form since what sufficient reason could there be to have multiple types and sources of information? If there *were* different types and sources of information, how could they possibly interact? How could they be compatible? We're back in the midst of the Cartesian problem of how incompatible substances can interact.

All information is sinusoidal. Sinusoidal waves, energy and information are essentially synonymous terms. To say we live in a universe of energy is to say we live in an information universe, and information is carried by waves. We can have sine and cosine waves, waves of infinite different frequencies, waves of infinite different amplitudes, waves of every possible phase angle, waves of every possible orientation. Think of the sheer power of the wave. Think of the infinite ways in which waves can be combined. Now try to think of anything else which could viably act as the ontological source and bearer of information. There's simply no conceivable alternative.

The soul is ultimately purely informational. After gnosis, a soul has no further need of a body and becomes pure dimensionless energy (information). So, all super-intelligent souls leave behind the material plane, while the stupid remain mired there, sunk in error and delusion.

The Gods are the greatest minds of the universe. They are not the richest, the most obedient, the most faithful, the most moral, or anything else. They are the *smartest*. This is an information universe and supreme victory goes to those best at understanding and processing information. Information/energy constitutes the basic fabric of reality. Information = energy = waves = Eulerian/Fourier mathematics.

The whole universe is controlled by the ultimate analytic mathematical equation for defining waves: the generalized Euler Formula.

It's essential to understand that the informational basis of the universe must be 100% precise. It can't have any flaws at all or reality would collapse into the undefined zones. This means that reality, at its foundational level, is absolutely *analytic*. Only one subject is ontologically analytic and that's *mathematics*. The centrepiece of mathematical analysis is none other than the Euler Formula.

It was Leibniz, the world's greatest genius, who was first to realize that the universe must be absolutely analytic, i.e. all the foundational truths must be true *by definition* – exactly as mathematics is. There is nothing in ontological mathematics that is not true by definition. The whole of ontological mathematics flows from a single definition: that provided by the Euler Formula. The whole informational universe is thereby defined. There is nothing else. The universe simply couldn't be any simpler.

Scientific materialism is all about *synthetic* statements and conclusions. Mathematics is *a priori* and operates by analytic definitions while science is *a posteriori* and operates by way of experimental observations. Experiments provide *evidence*. They don't yield irrefutable truths. Science generates not facts but *interpretations*. Every experiment provides data to be interpreted, and those interpretations can of course be extremely dubious. The only real facts are incontestable mathematical facts.

If you think about it, an eternal universe must be *analytic* and *a priori*. It must be founded in immortal, immutable Platonic truths.

The laws of the universe can never change. Nor can they be susceptible to a single flaw or error. They must be 100% robust and precise. Mathematics alone can provide this degree of precision. There is nothing whatsoever in science that is 100% accurate, 100% true beyond any conceivable doubt. Science has nothing to do with truth. It's about evidence and evidence is not truth. Evidence is simply raw material to which interpretations are then applied. Interpretations aren't about truth. Interpretations are models of reality; they are not reality itself. Science is just a model – a rather poor one when all's said and done – of reality. It works well in a limited domain, but it's useless when it comes to explaining mind, life, consciousness and free will. It cannot explain what reality is, how it came to be, or how it operates. It simply models certain phenomena. It's astounding that science is so revered when it's so deficient when it comes to all the key issues of existence.

Mathematics, not science, is reality. Science is the poor man's mathematics. Science is for sensing types who have zero intuition. Science is about interpreting sensory data. In Platonic terms, it's about the sensible rather than intelligible world. The truths of the world are, however, intelligible and the intelligible world is the mathematical world, accessed by intuition and reason alone.

The Truth Hurts

British author Hilary Mantel ridiculed Kate Middleton, Duchess of Cambridge, as a “shop window mannequin”, and “a jointed doll on which certain rags are hung”, whose only function, apart from being seen and not heard, is to deliver an heir to the British throne.

Mantel denounced Middleton as a bland, personality-free, “machine-made” plastic Princess “designed by committee”. She said that Middleton was as “painfully thin as anyone could wish, without quirks, without oddities, without the risk of the emergence of character ... she appears precision-made, machine-made.”

This is absolutely true, but it means that her husband is also an entirely plastic person (why else did he marry this Stepford wife?) ... and who on earth would want to be the subjects of these dreadful, moronic, plastic people? Why hasn't Britain overthrown its plastic “royalty”? What conceivable point is served by these talentless snobs and toffs, born into extreme privilege? They're an insult to Britain and the whole human race.

Kate Middleton, like the entire “royal” family is a non-person, an unperson, a vacuum, a mask, a persona with nothing underneath.

The Art Weapon

Art: the projection of power of the *elite*. Just as war is the continuation of politics by other means, so art is the continuation of rich men's power and status by other means. Art has always been about rich patrons. Art is simply one other means through which the rich shape the world in their own image.

The image of power is as important as power itself, and, in fact, the two are indissolubly linked.

Eternal versus Temporal

Eternal: outside time; immortal.

Temporal: inside time; mortal.

Souls are eternal, and the laws of existence are eternal (and in fact the eternal laws of existence are encoded in souls). All other things are temporal.

All temporal things are grounded in eternal things. All temporal things are products of eternal laws. The laws that shaped the Big Bang obviously preceded the Big Bang. Bizarrely, this is actually denied by scientific materialism. If there is no space, no time and no material world then where *are* the eternal laws?

Idealism has no problem explaining this: they are in the mental domain outside space and time. Materialism rejects any such domain, so it has nowhere to place eternal laws, and nor can it explain how the laws of an exclusively material existence are immune from the temporality and decay of all material things; why they are not themselves material.

Science's greatest problem is that it cannot account for its own existence. Its treatment of scientific laws is *absolutely* incoherent. It can't explain what they are, where they are, where they came from, how they interact with things, why they don't decay, why they seem to be "free-floating" and everywhere at once (non-local), universally applicable, and immune to time – unlike any material things. If science can't justify its own laws, why should anyone take it seriously? It's just an appeal to magic: to convenient laws plucked out of a magician's top hat.

Science, it must be emphasized, is about practicality and models, not about truth. It's about what works, and it doesn't pay any attention to its philosophical meaning and implications.

The Abrahamic Soul

The Abrahamic "soul" is one of the oddest of all concepts because, uniquely, it tries to give a temporal thing (created in time) an eternal quality, even though the two concepts are mutually exclusive. The Abrahamic soul is formally logically impossible, hence Abrahamism is formally refuted.

A created thing cannot be immortal. Such things are *contingent*. Only uncreated things are immortal and necessary.

The soul, if defined in any other way than as uncreated and eternal, is rendered impossible. "God" cannot create something and then confer the qualities of eternity on it. If it is created, it can be uncreated, hence is inherently not immortal. If it is created then it must have been created from temporal, not eternal things, hence shares their temporality. Only by God's "magic" can such a thing be sustained forever (to make it immortal), and any appeal to magic must be automatically dismissed.

God *cannot* create souls. He cannot create entities outside space and time. If they are created then they are inside space and time and will suffer all the ravages of space and time. No such thing can be immortal.

Abrahamism destroys religion because it destroys the only workable concept of a soul, i.e. that which is inherently uncreated, eternal, outside space and time, and purely mental.

All Abrahamists are enemies of religion. True religion is about *reason*, not faith. True religion is about the mathematical study of rational unobservables. Abrahamism is about faith and proudly declares itself the sworn enemy of reason. Everything about Abrahamism is an offence to logic and reason from beginning to end.

The Tally Man

The “Tally Man” – the sinister being who counts the living and the dead.

The Stupidity Double Whammy

Stupid people suffer from a double difficulty: 1) they make idiotic choices, and 2) they don’t realise they are making idiotic choices.

When an intelligent person makes a mistake, he recognizes the mistake, evaluates it, learns from it, and doesn’t repeat it. He improves. He gets *smarter*.

When an idiot makes a mistake, he fails to recognize it (or blames it on others, or on circumstances out of his control), he does not evaluate it, does not learn from it and will certainly repeat it. He stays as idiotic as ever. There is no improvement.

Most people in the world are stupid, and never learn. They are entirely uncritical of their own ineptitude and incompetence. They never blame themselves and live in complete denial.

Since the stupid do not acknowledge their personal failures, they maintain a blissful illusion that they are doing well. They invariably project their failures onto others. They never do wrong; *others* do wrong. If something hasn’t gone right for them, it’s not because of their incompetence, it’s because of a conspiracy theory against them.

Vast numbers of stupid people are conspiracy theorists because then they always have someone else to blame for all of their own errors and failings.

Vast numbers of stupid people are highly religious. They attribute anything that goes wrong to the “Will of God”. They pray to God – an external agency – to make things better. They never think of working harder and taking responsibility for their own lives.

Stupidity is a kind of mental disease. It affects every part of your being and behaviour. It impacts on every aspect of your life, and it has a huge impact on the lives of others too. Stupidity is a contagion. One stupid person can easily infect countless others with ridiculous conspiracy theories and

religious beliefs.

None of these people have any capacity at all for self-criticism. If you can't criticize yourself, you can never improve. If all you can do is criticize others, you will never find the true source of your problem – yourself.

Overly emotional people are usually extremely stupid. They think their feelings are worthwhile and some gauge of truth. They can't see how much their feelings are obstructing their ability to analyze and correct their own behaviour.

We live in a society that panders to emotionalism; that condemns intellectuals and decries as “elitist” anyone who criticizes the stupid masses. Society wallows in emotionalism and stupidity, sentimentality and nostalgia, a fake equality between people.

Nietzsche was obsessed with the concept of “rank” – with the superiority of some people over others – and how the Christian, socialist and democratic tendency was to utterly deny rank. If you say that everyone is the same, is equal, then you have made stupidity equal to intelligence – and that is the most catastrophic assertion any society can make, guaranteed to make society stupid.

Have not all Western societies been absolutely expert at dumbing down and targeting the lowest common denominator, about racing to the bottom?

Western societies are stupid individuals writ large. They are idiotic and they can't see that they are idiotic, hence can't improve. This is the ultimate Catch 22. To get better, you have to be smart enough to negatively judge your own performance. If you're stupid, you never negatively judge your own behaviour, hence you never get better.

Communism failed because it could not criticize itself. Capitalism has failed for exactly the same reason. Abrahamism failed long ago and survives only through its brainwashing of children. Democracy will also fail, if it hasn't already.

The Two Sensory Systems

Conventionally, the senses are regarded as *physical* entities (eyes, ears, tongue, nose, fingers and skin) that gather raw data, which is then processed and refined by specific regions of the brain to create the particular sensation presented to our consciousness. So, neither the physical sensory organs nor the brain regions which process the sensory data can do the job on their own. However, there's yet another twist to the story. We actually have *two* sensory

systems: one located in the left hemisphere of the brain, and the other located in the right brain.

The left hemisphere sensory system is local and the right hemisphere system non-local (and is what we call intuition). However, whereas the local system can detect nothing non-local, the same is not true of the non-local system. Everything falls within its range, so it has the ability to extract data *locally* and pass it directly to the relevant processing regions of the brain, the key point being that physical sensory organs are unnecessary. We can gather the data to create sensory representations in consciousness without having sensory organs at all. This proves vital in a phenomenon such as an out-of-body experience.

Sleep

Going to sleep and waking up are two of existence's most amazing processes. When you go to sleep and start to dream, your consciousness is no longer being supplied with data from the public, objective domain but from your private, subjective domain. In your dreamworld, your senses are switched off, or, rather, your conscious access to the data supplied by your senses is suppressed. You can still hear, smell, feel and taste while you're asleep (and you can still "see" in your dreams even though your eyes are closed and receiving no light signals), but your senses are now in the background rather than foreground. When you wake, your senses return to foreground operations.

There's an incredible process taking place that first suppresses the link between consciousness and the senses (as we fall asleep) and then reactivates it (as we awake). If the senses *can't* be suppressed then we can't go to sleep – the problem suffered by chronic insomniacs. If we can't reactivate then we're in a coma. Comas caused by severe brain injuries have presumably damaged the reactivation function. If we could precisely identify this function and learn how to repair it, we might find a way to revive all coma patients.

Death is simply the irrevocable severing of our senses from our consciousness. We will only "awake" once more via reincarnation in a new body. Of course, our consciousness does not die when "death" occurs – only our link to the sensory apparatus of a particular mortal vessel (the body) dies. It's a crucial point that for a period after your death, your existing consciousness remains fully intact – it's replaced only when you acquire a new body and a new consciousness grows with that new body and mortal life.

The deactivation (suppression, to be more accurate) and reactivation of the senses is critical to out-of-body and near-death experiences. In an out-of-body experience, your body is asleep but your external sensory perception has not been deactivated and is now directly linked to your consciousness via a *non-local* processing route rather than normal local processing. This means that you can experience the real, objective, public world through your mind rather than via your body. Your consciousness, unencumbered by your body, can go anywhere in the objective universe, giving you a glimpse of what it's like to be God!

In a near-death experience, the link between the senses and consciousness is *almost* irreversibly severed, and we start to inhabit the formal death state, before being unexpectedly snapped back to “life”.

MC: “Many years ago I worked in a factory and was electrocuted when my right hand touched a faulty wire as my left hand held on to an earthed steel safety cage. My heart stopped and I went outside my body and into another ‘place’. I have no fear of death.”

Religious Stories

People and God

Why did tales of wandering Jews capture the interest of the world? Because it was a set of stories about the awkward relationship between a people and their deity and it powerfully illustrated many of the tragedies and joys, frailties and foibles, perversities and oddities of the human condition.

Prophet and God

Islam is not the story of a *people* and their God but of a “holy prophet” and his God.

Man and God

Christianity is the “human” story of God incarnating as a man.

Man and Nature

Buddhism is the story of a man contemplating the “true” nature of things. Taoism is much the same.

Many Gods

Hinduism is the story of legions of gods and avatars of gods – all of which have a single, abstract, divine origin (Brahman).

Gods, Men and Heroes

The ancient Greek myths and legends tell us about the mingling of gods and men, about gods fathering men (heroes) and about humans acting under the direct guidance of the gods, or being the playthings and pawns of rival gods.

No God

The story of atheism and skepticism.

Doubts about God

The story of agnosticism and skepticism.

The above categories constitute all the dominating narratives of the human race and it's easy to see why they captivate people ... and why some are more potent and seductive than others.

What about Illuminism? It tells the greatest tale of all – *humans becoming Gods!!!*

MC [to a monotheist]: “It appears that your own drug of choice is *mythoscaline*. Keep taking the pills; saviours always arrive a day too late.”

A great new word – *MYTHOSCALINE* – the Mythos drug that leads to addiction to fantasy, and thence to terrorism.

Demonization

Abrahamism loves demonizing people. It demonizes infidels, heretics, and apostates. Historically, it demonized Lilith, Eve, pagans, polytheism, the Serpent, the Watchers, the Nephilim, the Philistines, the Babylonians, the Romans, “vampires”, werewolves, fallen angels, Lucifer, witches, warlocks, wizards and so on. Over and over again, the same tactics are deployed. The propaganda department of Abrahamism performs its dark arts and whips up hate and frenzy, as we see all the time with modern Islam and its violent, rabid mobs.

The Gnostics had a simple rule regarding the Bible. Everything should be *reversed*. All the people celebrated as “good” in the Bible were in fact evil. All Biblical “heroes” were devils and monsters. All those demonized by the Bible were the true heroes. So, Cain was good, Pontius Pilate was good, Judas was good, the Philistines were good, Goliath was good, the Watchers and Nephilim were good, the Eden serpent was good, the people of Sodom and Gomorrah were good, the humans drowned by Yahweh in the time of Noah were good, the Babylonians were good, and so on. Abraham, Isaac, Joseph, David, Moses and all the prophets were evil.

Actually, the situation with Moses is more complex. He was in fact a nobleman of Egypt, a follower of the heretic Pharaoh Akhenaten and a worshipper of the sun God Aten. All of followers of Akhenaten and all Jews were driven out of Egypt in the Exodus. Moses, as an Egyptian, wasn’t popular with the Jews and they constantly grumbled against him. In the end, they killed him. However, the writers of the Bible (which is pure Jewish monotheistic propaganda) couldn’t have the Exodus being led by an Egyptian then murdered by Jews, so they simply rewrote his story and made him a Jew left in a basket in the Nile as a baby and then found by an Egyptian princess who brought him up in the royal household of Egypt. Thus they turned the tale of an Egyptian nobleman into that of a Jew. This is how easy it is to rewrite history!

They made Moses a loyal Yahwehist who certainly wasn’t murdered by Jews! Yet what happened to him? Why did he never enter the Promised Land? Where did he go? Well, a cover story had to be invented, of course. The Bible presents an absurd account of Moses disobeying “God” in some incredibly trivial way regarding tapping on a rock for water and being consequently banned from the Promised Land by the pettiest God anyone could imagine.

The “God” Who Changes His Identity

Exodus 6.2-3: “I revealed myself to Abraham, to Isaac and to Jacob as El of the Wilderness but was not known to them by my name, Yahweh.”

El was the supreme God of the Canaanites, the zenith of divinity, the “chairman” of the Divine Council of Gods (a Heavenly Parliament), the entity with ultimate responsibility for keeping order in the cosmos.

The sub Gods ruled over individual aspects of Earth and the universe.

Baal, for example, was the Weather God on Earth. The Tree of Life symbolized Asherah, female consort of El. The Tree of Knowledge represented El *in himself*. To eat of the fruit of the Tree of Knowledge was to partake of divine knowledge.

Illuminism

Illuminism is the apex of human thinking. As such, it's far beyond the vast bulk of humanity – meaning that it automatically fails the popularity test that shapes the world.

Illuminism, traditionally, has never paid much attention to the “common herd”. In fact, like Nietzsche, the Illuminati have deliberately kept separate from them, and held them in no regard. They have been irrelevant to the development of Illuminism, except as a resistance that had to be overcome.

Science, too, ignores the “rabble”. So does philosophy. All people devoted to the truth have always seen the need to avoid the mob. Mainstream religion, on the other hand (which has no concern with the truth – although, of course, it claims to *be the truth*), is wholly given over to the mob and how to gain power by controlling them. Religion preaches “story truths” (which are not truth at all) to captivate the masses.

Illuminism, science and philosophy talk in a specialized, alienating, exclusive and elitist jargon from which the majority will always be excluded. If the average person understood M-theory or Illuminism, we would be living in a wholly different world.

Illuminism hasn't courted popularity. On the contrary, it has sought only a rare and special type of human being. With such people, it has succeeded in becoming what it is – the highest expression of human civilization and rationality.

However, if we wish to have an actual impact on society, our modus operandi is the worst possible. The Gnostic religion of Catharism – constructed by Illuminists – was the last attempt to have a public version of Illuminism. It was, of course, annihilated by Catholicism, which saw how dangerous it was to the future of the Catholic Church. Since then, Illuminism has proceeded in great secrecy via Alchemists, Templars, Freemasons (the original good kind), Jesuits (an attempt, like the Templars, to take over Catholicism from within) and various other secret associations.

Illuminism could continue this way forever, offering a “smaller vehicle” (i.e. an escape route for a select few), or it can try to establish a “greater

vehicle”. Leibniz was keen to embrace the Christian masses, which is why he attempted a Christian Monadology, but, being an optimist, he overlooked how spectacularly dumb the average Christian is. There was never any realistic prospect that Christians would see the Monadic light.

Illuminism is again seeking to produce a public face of sorts. We wish to create a vehicle of Illuminism that makes the Illuminist message simple, manageable and popular. The AC website and *God Series* of books are about showing what Illuminism really is, but they will never be popular because they place as many demands on people’s minds as M-theory, the most complex theory in history.

The important point is that they exist – and those who are of the right calibre can seek them out – but they will not of themselves change this world of ours. Rather, it will be some enormously simpler expression of these ideas that will succeed.

Traditionally, the Illuminati would have assigned senior members to setting up any new enterprise (as they set up the original anti-establishment Freemasonry, for example). However, given this internet age of mass communication, it seems foolish not to avail ourselves of the creativity of the people – the sort of people who could conceivably become members of the Illuminati. There are many people throughout history who might have been Illuminists, but never got the chance because they simply didn’t come to the attention of the small number of Illuminist recruiters.

With the internet, we can reach out to such people and see what they’re capable of, see who has the “right stuff”. So, here’s your chance to impress, here’s your chance to build a new world. What is needed is the *best* religion of all (which does not mean the truest!) – the one which combines popularity, pleasure, rationality, Mythos, Logos and spirituality in one seductive package that will sweep all before it. That means it might have to invoke some of the silliness of Abrahamism or mysticism of the East. It’s the overall product that matters. It must be healthy and productive. It must establish a platform for a higher humanity.

Illuminism itself cannot do the job because it’s too mathematical, hence abstract and “cold”. Only emotion succeeds in this world.

Sacred Games

“God is dead. God remains dead. And we have killed him. How shall we comfort ourselves, the murderers of all murderers? What was holiest and mightiest of all that the world has yet owned has bled to death under our knives: who will wipe this blood off us? What water is there for us to clean ourselves? What festivals of atonement, what sacred games shall we have to invent? Is not the greatness of this deed too great for us? Must we ourselves not become gods simply to appear worthy of it?” – Nietzsche

What’s the function of religion? Is it to produce optimized, confident, self-actualizing human beings? Or to produce optimal worshippers (slaves) – like the Jews bobbing back and forth in front of the Wailing Wall, or the grovelling Muslims at Mecca, or the Catholics kneeling to the Pope, or Protestants bowing to Mammon?

When we strip down religion to its basics and contrast it with scientific materialism (atheism), we arrive at an extremely simple formula: atheists say matter is primary and we die when our material bodies die; all religions say that mind/soul is primary and we do not die when our material bodies die. Atheists are “phenomenalists” who deny any noumenal reality, while the religious are noumenalists who insist that the phenomenal world we inhabit is a secondary reality, and even a kind of illusion.

These are extremely clear rival positions, but, unfortunately, the religious stance has become contaminated with absurd elements such as a Creator God, holy books, prophets, virgin births, divine revelation, resurrection, heaven and hell, and so on. In other words, the religious have generally taken the opportunity to project their fantasies onto the noumenal domain. There are therefore three positions: materialism (non-religion), idealism (intelligent religion) and fantasy (stupid religion; story religion).

M-theory (mathematical physics) is the highest expression of materialism, Illuminism (mathematical metaphysics) is the highest expression of idealism and Abrahamism is the highest expression of stupidity.

M-theory and Illuminism are understood by only a small number of people, and that’s not going to change any time soon. That means our world is dominated by dumb religion.

Just as it's unrealistic to expect the people of the world to become M-theorists, nor will they become Illuminists. So, how should the hegemony of dumb religion be challenged? The answer is – *by a slightly less dumb religion!*

Here's the game, the *sacred* game: we have to construct a popular, accessible, modern religion that isn't about truth or hyperrationality or ontological mathematics or anything too intellectually intimidating, but which will function as a dialectical bridge to a higher humanity.

It has to be a psychologically healthy religion rather than one (such as Abrahamism) that produces psychosis. What elements must a *healthy* religion have? To start with, it must abolish any trace of the master-slave dialectic. That means that the number one concept to be overthrown is that of the supreme master – the Abrahamic God. Gods must be made in humanity's image, not vice versa. Gods must serve us. We must never serve them.

“To do away with the gods in their essential plurality [to produce monotheism] was the first step in a new direction [towards the world we live in now. But what is repressed will surely return.] ... The resistance to monotheism is much stronger and more natural than we imagine. You start from the divine, and not from God – *the* God is a very much later invention.”
– Roberto Calasso

Quite simply, monotheism was the greatest disaster in human history. It automatically lent itself to the enshrinement of the master-slave dialectic at the heart of our world, and every part of our world is now infected by master and slave structures.

Monotheism created notions of kingship, the elect, the high priests, the bosses ... of “legitimate”, centralized, *absolute control*. It produced the pyramid society with the entrenched elite at the top.

In Christianity, the Pope is the “infallible” proxy of Christ on earth. When, in the past, he crowned kings, they then ruled by “divine right” and it was a mortal sin to disobey them.

In Islam, the Koran and Mohammed must never be contradicted.

In Judaism, 620 commandments must be religiously obeyed, including not switching on lights on the Sabbath (it's up to *goyim* to turn on the lights for the Jews! – “Goyim were born only to serve us. Without that, they have no place in the world: only to serve the People of Israel.” – Rabbi Ovadia Yosef.)

Monotheism destroyed female-male harmony. There ought to be a minimum of two Gods – one female and one male – to ensure balance. Indeed, the ancient religion of Israel, copied from the Canaanites, was based on a King and Queen of Heaven: El and Asherah!

Then there should be a god of reason (like Apollo) and one of unreason/intoxication (like Dionysus). There ought to be a God/ess of wisdom (such as Sophia), a God/ess of Light and Love (such as Lucifer), and a God/ess of sex (such as Aphrodite). All major psychological elements of life should have a relevant God or Goddess. A role can even be found for Satan!

We need a cast of deities that provide perfect psychological balance and lead to magnificent, tolerant, talented, actualizing human beings.

A modern religion must be all about *psychology*, not fanatical dogma. There must be no “them and us” (i.e. the true believers going to heaven on the one hand and the infidels going to hell on the other). We need a religion that maximizes the potential of everyone on earth. We couldn’t care less about race, gender, sexual preference, or anything else. There is no “other” to be marginalized and reviled.

A modern religion should have the following prohibitions:

- 1) No extremism.
- 2) No infallible doctrines.
- 3) No holy books.
- 4) No prophets.
- 5) No popes.
- 6) No vicars, reverends, pastors, ministers, rabbis or imams.
- 7) No kneeling, bowing or grovelling to unseen beings.
- 8) No indoctrination of children.
- 9) No branding of children.
- 10) No heaven for the “good” and hell for the “evil”.

These are the true ten commandments, those that ensure that religion is sane and rational rather than a formula for mass murder, mania, intolerance, control and persecution.

We need priestesses and priests who will perform inspiring rituals. We

need inspiring places where religious services can be held. (These services should involve art, theatre, drama, stories, folk tales, fairytales.) We need festivals of merrymaking and misrule: sex, drugs and rock ‘n’ roll!

Story World

“Stories are the most durable texture of life for us. Not forms of societies, but stories. Stories are really what keeps everything together, in a way. When you are abandoned by stories – when you go back beyond the invention of writing, beyond the literary tradition – you feel of course lost: because one needs stories.” – Roberto Calasso

We need the best stories of all. Religion should be about spellbinding Mythos that raises us up to Gods, rather than casts us down before false prophets.

“If we want to have a common ground in our mind, we will never find anything better than stories.” – Roberto Calasso

“What are the dead for us if not – first and foremost – books?” – Roberto Calasso

“The gods can appear or disappear from human sight, according to the places where they settle. But they always *are* – and they watch.” – Roberto Calasso

“[Organised faiths today] are more for me like big or small political parties... very rarely is there a feeling of something I would call ‘religious’ anywhere. Certainly not in the Western world. The country where you feel nearer a religious perception is of course India. [There], you feel there is a continuity of gestures you don’t find anywhere else, and these gestures often go back to Vedic India.” – Roberto Calasso

It’s the responsibility of all of us to fashion this new religion – this wonder of the ages – that will save humanity’s future from the evil, unbalanced monotheists, and transform us into our Higher Selves. This is a divine task that requires sacred creativity.

Let’s put our minds together and create the mother of all religions, the religion that will “bind them all and rule them all”. We, collectively, shall be the Lord of the Rings, creating the religious equivalent of the Ring of Power (but with strictly benevolent intentions, of course).

Tolkien’s *Lord of the Rings* is itself a superb fictional attempt at creating an enticing wizard-elf-hobbit-humanity religion.

Above all, a religion must capture the imagination. Sadly, *truth* has never appealed much to people's imaginations and emotions (which is why mathematics, science and philosophy are so marginal in our world). We need a religion that does *good*, that promotes the *good*, that transforms people and makes them more prone to *Logos*, but which is not daunting to the average person (the type that typically becomes a Christian, Muslim, Jew, Sikh, Hindu or Buddhist).

We must gather up the shattered, lost fragments of the sacred. We must rebuild that which is holiest.

Nietzsche's dead God must be brought back to life – but on humanity's terms. We will never again worship a God, but we shall use the divine to become divine ourselves.

So, a religion is needed for the internet age, one that will go viral all across the world. What shall it be? What will it be called? It must tell a far better story than Abrahamism. It must be a story not about how we worship God but how we ourselves become Gods.

Secession

We want fifty separate states of America, then we can take over one and make it fully meritocratic – and keep out all of the anarchists, libertarians, Christian fundies and so on (who can all have their own states, which will all fail in due course). The Nation State must fall and we must return to the City State (*polis*) model. People must choose what kind of society they want to live in, not have it forced on them. The meritocratic society is an “opt-in” society. Everyone in a meritocratic city-state *must* be meritocratic and agree wholly with that ethos. We can have no one half-hearted, and no grumblers, no whiners, whingers or saboteurs.

Consistency

“The only completely consistent people are the dead.” – Aldous Huxley

But they too were inconsistent when they were alive.

The Degenerate Age

What is the *aesthetic* of our time? – decline, desolation, degeneration,

simulation, exaggeration. The Fake aesthetic, the Ersatz, the Inauthentic.

The Cosmic Music

Schopenhauer said that music was a direct copy of the eternal Will itself, the closest phenomenal representation of the noumenal cosmic Will.

In Illuminism, the connection between music and noumenal reality is even closer. Music is the *subjective* expression and experience of *objective* ontological mathematics.

Just as music is composed of objective wave patterns, so is existence itself. And just as the subjective experience of the objective mathematical wave patterns of music is nothing like an abstract, analytic mathematical experience but is all about feeling and sensualism, so mathematical reality itself is experienced in this non-mathematical, sensory and emotional way.

Mathematics is objective but is experienced by souls subjectively, and music goes to the core of that subjective experience.

We are immersed in cosmic notes and an infinitely grand cosmic Symphony. Existence does nothing but produce musical notes. The Music of the Spheres is everywhere. It's the music of ontological mathematics, and only *mathematikoi* can properly appreciate it.

The Escape

If you don't know you're in prison, you won't be looking for the escape route. Maybe you do know, and you prefer to be confined. After all, what awaits you on the outside? – where you are free and responsible for your own life, rather than delegating it to someone else to control.

Brutus

Lucius Junius Brutus slew the tyrant king Tarquin, and thereby established the first Roman republic in 508 BCE. His descendant Marcus Brutus was one of the key assassins of the tyrant Julius Caesar who sought to make himself a new king, or emperor, and abolish the Roman Republic. In Shakespeare's words, Marcus Brutus "the noblest Roman of them all."

The French Revolutionaries commemorated Lucius Junius Brutus (and by implication his descendant Marcus Brutus) in the "Feast of Brutus", held on 22 September 1793. Busts of Brutus, the great Republican who killed a king, appeared throughout France.

“Brutus, are you asleep?”; “You are no true Brutus.”

Brutus took a long time to be roused to action against Caesar, with whom he was initially friendly.

“[The king will be killed for] there is not citizen who does not have the right that Brutus had over Caesar.” – Saint-Just

“O God, must Brutus languish forgotten, far from Rome! My resolution is made, however. If Brutus does not kill the others he will kill himself.” – Saint-Just

Saint-Just was a great student of the classical world, of the glories of ancient Greece and Rome, and Brutus was one of his particular heroes.

The Minister of First Impressions

As they say, you don't get a second chance to make a first impression. Everyone must study the wisdom of the Minister of First Impressions.

Psycho-Theology

Psycho-theology: using psychology to construct a healthy religion that leads to personal and collective growth and fulfilment.

The Decadent Age

The Catholic Church reeks of death and decay. In fact, all of the old institutions of the world seem decrepit and all-used-up. They have lost their authority. No one believes in them anymore. It's time for the Landscape of the New, for the *New World Order*.

Masters of the Universe

The masters call themselves the “titans” of industry. In fact, they're crooks, bandits, robber barons, gangsters, banksters, muggers and highway robbers. *Stand and Deliver!*

Meaningless Meaning

“There is a universal tendency among mankind to conceive all beings like themselves, and to transfer to every object those qualities with which they are familiarly acquainted, and of which they are intimately conscious. We find human faces in the moon, armies in the clouds; and by a natural propensity, if not corrected by experience and reflection, ascribe malice and good will to everything that hurts or pleases us.” – David Hume

“*Pareidolia* is a psychological phenomenon involving a vague and random stimulus (often an image or sound) being perceived as significant. Common examples include seeing images of animals or faces in clouds, the man in the moon or the Moon rabbit, and hearing hidden messages on records when played in reverse. The word comes from the Greek words *para* (“beside, alongside, instead”) in this context meaning something faulty, wrong, instead of; and the noun *eidōlon* (“image, form, shape”) the diminutive of *eidos*. Pareidolia is a type of *apophenia*, seeing patterns in random data.” – Wikipedia

“*Apophenia* has been defined as the experience of seeing meaningful patterns or connections in random or meaningless data. The term is a misnomer incorrectly attributed to Klaus Conrad by Peter Brugger, who defined it as the ‘unmotivated seeing of connections’ accompanied by a ‘specific experience of an abnormal meaningfulness’, but it has come to represent the human tendency to seek patterns in random information in general (such as with gambling), paranormal phenomena, and religion.” – Wikipedia

Seeing a pattern in a succession of coin throws would be an example of *apophenia* that is not also *pareidolia*. *Apophenia* is more general than *pareidolia* and can involve complete abstractions. It’s often taken as a possible sign of madness.

Apophenia

Apophenia comes from the Greek “apo” meaning “away from” or “apart,” and the word “phainein” meaning “to make appear”. So, it literally means “away from [true] appearance”.

Or

Apophrenia (with an “r”) comes from the Greek “apo” meaning “away from” or “apart,” and the word “phren” meaning “mind” or “cognitive faculties”. So

it literally means “away from the mind.”

Confirmation Bias

“Confirmation bias (also called confirmatory bias or *myside* bias) is a tendency of people to favour information that confirms their beliefs or hypotheses. People display this bias when they gather or remember information *selectively*, or when they interpret it in a biased way.” – Wikipedia

Stupid people – especially Abrahamists – go through their whole lives suffering from *extreme* confirmation bias.

Certainty

“The only certainty in life is death.” No, the only certainty in life is life. “Death” is simply a phase transition from one life to a new life.

Water becomes steam at one hundred degrees Celsius. Steam is still water, but it has undergone a phase transition. “Death” is when our current “dimensional” life ceases and we return to a different, higher phase: dimensionless existence. Birth is when, via reincarnation, we re-enter dimensional existence in a new body. This is equivalent to steam condensing back to water.

Just as water can become ice, and ice water; just as water can become steam and steam water, so we can become dimensionless then dimensional, and backwards and forwards until we understand the process so well we can break out of it entirely and become its controller. At that point, we have become *God*.

What are You?

You’re one of life’s understudies, aren’t you? You’re a bystander, a spectator, a face in the crowd. The main action is *always* elsewhere. What are you going to do about it?

“Social potential has become the private power of the few.” – Marx

If you want a chance in life, you must smash the power of the few. You have no choice. The privileged elite – who control all the top jobs and institutions – must fall. Your objective is crystal clear.

Continuity Errors

Movies are full of continuity errors, but reality itself has *no* continuity errors. An eternal, mathematical plenum ensures zero continuity errors, but how can a temporal, scientific granular reality (as envisaged by M-theorists) avoid continuity errors? There are “gaps” everywhere in a granular system, and scientific laws have no analytic necessity (thus have gaps). These are all continuity errors.

The Demiurge

Demiurge: from ancient Greek *demiourgos* “public worker” (from *demos* “common people” + *ergos* “work”).

The word *Demiurge* literally means “public worker” or “one who works for the people”. Plato used the word in the benevolent sense of a “God” who works for the public good. Does the Abrahamic God work for the public good or only for the good of the Chosen People, the elect, the saved, those upon whom he has bestowed *grace*?

The Abrahamic God sends to hell every single person who doesn’t slavishly do his bidding. Jews, Christians and Muslims see obeying their God’s orders in all circumstances as their Prime Directive, and this is what wholly defines their lives. These are not “people” with free will: they are “worshipper” slaves.

Demiourgos was the title conferred on a magistrate in some ancient Greek city-states (much as we say in the present day that elected politicians are “public servants”). Plato used the name *Demiurge* for the maker of the world. Gnostics, concluding that the world was bungled, botched and wicked proclaimed the Demiurge subordinate to the True God and said he was suffering from the delusion that he himself was the True God. In his denial of reality and his manic self aggrandizement, he became the author of evil.

Some people like to link the prefix *demi* in Demiurge to the Latin word for “half” (as in demigod), making him the “half-worker”, i.e. he only did half the job, hence why everything is so wrong with our world. He was a bungler who couldn’t finish what he started.

The Demiurge, like Maya in Hinduism, is associated with illusion,

ignorance and error. The human ego belongs to the world of the Demiurge while the Self belongs to the domain of the True God.

Excitation and Inhibition

The brain is always in a complicated balance between excitation and inhibition, between being fired up and dampened down. Society itself is a complicated balance between excitation and inhibition. The Freudian id is about excitation and the superego about inhibition.

Those who are always inhibited are depressed. Those who are always excited are manic. Bipolar disorder is the inability to balance excitation and inhibition, with wild swings between them.

S&M

The true driver of the world is *sado-masochism*. Politics, religion, monarchy, dictatorship, tyranny, economics, celebrity culture. ... they all involve sadists and masochists, which is just another way of talking about masters and slaves.

Judaism is sado-masochism as a religion. It's the supreme expression of S&M, with Jehovah as the supreme sadist, a veritable *cosmic* sadist. The Jews signed a slave contract ("Covenant") with him, agreeing to do what he wanted at all times, even if it meant murdering their children, as Jephtha did, and Abraham intended to do.

Capitalism is an S&M economic system. The bosses bully and degrade the workers and the capitalists take all the profit earned by the sweat of others. The capitalists fuck the workers up the ass, and the workers bend over and spread their cheeks wide. "Harder!" they yell. They feel alive only when they are being debased, dehumanized and humiliated. If they didn't, they would never tolerate being shafted every day of their lives.

How to become a Guru

- 1) Recognize *big* patterns.
- 2) Offer *big* interpretation of life.
- 3) Crystallise a fear, hope or ambition into a *big idea*.
- 4) Create a sweeping interpretation of reality that strikes a collective chord in the general public.

5) Penetrate into popular consciousness so deeply that your insights become clichés, your wisdom conventional.

6) Describe a sea change in human character.

7) Above all, have a *big idea*.

8) Remember, a *big idea*.

9) Nothing will suffice but a *big idea*.

10) What is a *big idea*? It's an idea – and it can be true, false, or pure fantasy – that allows people to comprehend the world in a, usually, extremely simplistic way.

Monotheism, with the idea of an eternal, all-powerful Creator who knows everything, was one of the first big ideas, and is, of course, 100% false.

The Life Code

Your attention please.

This is not a rehearsal.

This is not a drill.

This is your life.

Make the most of it.

Become a hero.

Bring the ultimate cosmic journey – *your* journey – to its appointed end.

Become God.

Baptism

The Christian heretic Pelagius said that baptism gets rid of what you were before (the failed person you were). He described baptism as a glass wall between your old and new self. You can see your old self, but you cannot access your old self. You will *never go back there*: you have been transformed by the grace of God, which has empowered you to change yourself for the better.

The Two Hemispheres

Right brain: *anatman*; non-self, the absence of a limiting self-identity (the unconscious open to the whole universe).

Left brain: *atman*; self, the presence of a limiting self-identity (consciousness, closed to the universe).

The Joke

- 1) The set up.
- 2) The punchline.
- 3) The consequent laughter of the audience.

Jokes become much less funny when you understand how programmed they are. They are all about *misdirection*. You are led to think one thing is about to be said, and once something radically different pops out, it's your surprise and delight at being so badly caught out that makes you laugh. Jokes involve abrupt cognitive inversion or reversal.

The Gospel of the Slave

“For anyone who is alone, without God and without master, the weight of days is dreadful.” – Albert Camus

Poor old Albert – he never quite got the hang of being free. You can be free only if you have no master and you yourself want to be God.

The Primum Mobile

In Dante's cosmology, the aetherial *Primum Mobile* is the largest, fastest sphere and the *physical* origin of life, motion, and time. Yet this highest physical heaven in the universe is enclosed by a higher sphere still, the supreme sphere that's infinite in extent. This is the *Empyrean*, the domain of God, beyond space and time, beyond the physical. The Primum Mobile is encased in God's will and transmit's that will to Creation.

The Primum Mobile moves – and gives motion to every sphere below it – because of its ceaseless love of God. Love, literally, moves everything. The Primum Mobile is also called the *Crystalline Heaven* because it is totally transparent, like perfect crystal. It's the most beautiful place in the physical

universe, offering the clearest vision of the Empyrean.

The Primum Mobile – the “first moving” sphere – determines the natural operations of the universe. The Earth sits motionless at the centre of nine concentric, revolving heavens (crystal spheres): 1) Primum Mobile, 2) Fixed Stars, 3) Saturn, 4) Jupiter, 5) Mars, 6) Sun, 7) Venus, 8) Mercury, 9) Moon.

Below the surface of Earth is hell. At the dead centre of Earth – furthest from God’s love – is the Devil himself. This surely implies that humanity isn’t greatly loved since we are much closer to hell than heaven, and much closer to Satan than God!

Although we are at the centre of God’s Creation, that’s not necessarily a good thing. After all, Satan himself, and the hell that surrounds him, is at the precise centre of Creation, and therefore might be said to be God’s supreme Creation, around which everything else is built. God *started* with the Devil, hell and evil, and then worked his way outwards, knowing that everything would be infected and corrupted by the existential disease he had installed at the core of his Creation. What kind of loving, compassionate, perfect God does that?

The first act of Creation was to create the monster who would ruin it. The second was to create hell – the cosmic torture chamber where souls would be tormented forever. Only then did “God” start creating the world and the heavens, and the souls to populate them.

Of course, isn’t it more likely that the Abrahamic God *didn’t* create the Devil – for the simple reason that *he’s* the Devil!

The “gravity” of the Devil’s Creation pulls everything downwards – to the Devil at the centre of the universe. We are all sliding into the jaws of hell to be trapped forever with the Devil God of the Jews, Muslims and Christians! Nothing could be worse than that. Synagogues, churches and mosques are *hellmouths*, leading straight to the Inferno.

The Angelic Inversion

In the Empyrean, according to Dante, nine concentric circles whirl around an ineffable point of pure light – God himself. All of existence, the heavens, nature and Earth, hang from that one point – the divine Singularity.

The spinning wheels are the *nine orders of angels*. The highest angels – the Seraphim – are those associated with the Primum Mobile.

This raises an apparent contradiction. The orders of angels are arranged in proximity to the centre (God), with the highest angels (who are also the

swiftest) closest to the centre. In the physical universe, however, the swiftest spheres are those *furthest* from the centre (Earth, with the Devil at its core), which is stationary. Why do they have the opposite relationship?

Dante's *theory of relativity* explains the paradox. The angels purest in their love of God are closest to his heart, and their wings provide incredible speed and reach. Physically, that means they are far as possible from the cold, dead heart of the Devil at the stationary centre of physical Creation. The closer you are *spiritually* to the heart of God, the further *physically* you are from the heart of Satan.

The innermost ring of angels (Seraphim) and the outermost sphere (Primum Mobile) are equated because they are closest to God from *both* the spiritual and physical viewpoints respectively. The Seraphim are highest in virtue and the Prime Mobile is the highest, noblest and purest physical sphere.

It's a strikingly curious feature of Dante's cosmology that God is the stationary centre of the Empyrean while Satan is the stationary centre of God's Creation. Existence revolves around these two stationary poles of good and evil.

How can anyone deny that God created evil as the central fact of his Creation? It's essential to the functioning of the universe.

The God Point

God is found at a single point – the centre of paradise – and yet is also *everywhere*. Eternal, he is *outside* space and time, yet is also *within* space and time. He is both *transcendent* and *immanent*.

The divine singularity is the source of all the heavens and the whole of Nature and Creation. It's an infinitesimal yet utterly dazzling and blinding point of light, the indivisible centre of heaven's brilliant illumination.

Nine glowing circles spin around God in a wondrous, circular, fiery, glowing rainbow, emitting countless sparks like multi-coloured musical notes. The highest angels are closest to the centre and are the fastest; ordinary angels are the slowest and are on the outside of the concentric circles.

Angels of all kinds are *mirrors* of God, reflecting his transcendent light. They are angels of light, and, supreme amongst them (so the story goes), was Lucifer, the Light Bearer himself.

It shows how absurd Abrahamism is that it depicts the highest angel, the angel of purest light, becoming the Prince of Darkness. It's a remarkably dangerous story because the trajectory of this tale is only one step away from the Abrahamic God himself becoming the Devil – and that, in fact, was precisely the conclusion the Gnostics drew.

The Ignavi

The *Ignavi* – the cowardly neutrals who refuse to commit themselves to any cause – were angels once. When Satan rebelled against God, the Ignavi neither assisted nor hindered the Rebel. They made no attempt to take God's side. They simply stood on the sidelines as neutrals, waiting to see what the outcome would be.

These cowardly angels who refused to take sides one way or the other were despised by heaven and hell alike. They were ejected from heaven but refused by hell, so ended up in the vestibule of hell, outside hell proper and also outside any contact with the grace of God.

The world is full of human Ignavi. They are the “Last Men” that Nietzsche despised so much. They are purely concerned with their own petty comforts and the marginal advantages they can secure for themselves. They never take any risks, never take any stands, never become involved with anything controversial. They are the banal and the bland, the sheeple, the

herd, the “mass man”. They always go with the status quo.

These people died in their hearts long ago, but, since they are still walking around, they are the *undead*.

And what about you? What have you done with your life? To what cause have you committed yourself? How have you changed the world? Are you one of the heroes or one of the Ignavi?

The River of Light

“There I saw Light like a river in its molten glow

That golden flowed between two banks a flower

With spring’s fresh miracle.

From out the stream

Came leaping sparks that in the blossoms fed,

Rubies in cups of sunlight.

Each would seem

To sate itself with fragrance, and return

As others outward leaped that joy to learn.” – Dante

When he was mystically present in the Empyrean, Dante saw a river of light whose banks were laden with flowers of light. Countless sparks of light – like dazzling fireflies – were exchanged between the flowers and the river.

After bathing his eyes in the miraculous river, Dante perceived it from a wondrous new angle in which everything had radically changed. The river was now transformed into a vast lake of pure light, and the flowers were seen to be something completely different – *the souls of the saved*. They were seated in an enormous amphitheatre shaped like a white rose: the *Celestial Rose* from where the *Beatific Vision* is beheld.

The higher petals had a greater circumference than the lower. The highest tier of the rose was reserved for the holiest souls of all. In this heavenly congregation, the souls were crowned with divine light in accordance with the amount of grace God granted them at birth (through predestination). The highest petal of all was reserved for the Queen of Heaven, the Mother of God – the *Virgin Mary*. Her seat was to the East, where the sun rises. In Dante’s

time, the faithful prayed in the direction of the East. In those days, all maps showed East, not North, as “up”!

The sparks turned out to be angels, ceaselessly flying back and forth between God and the Elect, carrying God’s love and light to the souls and conveying their reciprocal love and devotion back to him. They were like celestial bees, drawing nectar, except the nectar was love, light and the grace of God.

“Their faces were of lively flame: alight their wings with lustrous gold: the rest so white that dull in contrast were the whitest snow. And as within the flower they ministered with fanning wings the ranks of saints along, passion they gave and peace alike to know; for in the bliss of that most holy state passion is peace, and peace is passionate.” – Dante

The *linear* flow of the river symbolized time. The *circular* lake represented eternity.

The amphitheatre contained only a few empty seats: “Look at our city, see its vast expanse. You see our seats so filled, only a few remain for souls that Heaven still desires.” When they were filled, it would herald the End of Days and the Last Judgment. The world would end, time would end and eternity “begin”.

The Rose

In the Rose of Paradise, the saints and angels and all the saved souls drink the love of God. *Love is light. Love is unconditional.*

It’s the New Age, Hippie paradise!

The Impossible Light

God is seen by Dante only as *reflected* light ... until the very end of the poem when he’s granted the ability to see God’s light *directly*. The centre of the celestial rose is the light of God, yet it’s necessary to look up, not down, to see it. “And from then on my vision rose to heights higher than words, which fail before such sight, and memory fails, too, at such extremes.”

Dante's Hell

Hell begins with its one-way Gate (you can get in but never out). Then comes hell's vestibule, outside the circles of hell proper. Here are found the Neutrals (*Ignavi*), unwanted by both heaven and hell.

Hell is arranged in circles according to the most grievous sin committed by a soul of the damned:

1) Sinless, but outside God's grace:

Circle 1 (Limbo – for unbaptized babies and the virtuous pagans who died before Christ came to save humanity).

2) Sins of Incontinence:

Circle 2. The carnal (lustful).

Circle 3. Gluttons.

Circle 4. Avaricious and Prodigal.

3) Sins of Violence:

Circle 5. Wrath (violence against others).

Circle 6. Heresy (violence against God).

Circle 7. Suicide (violence against self and nature).

4) Sins of Ordinary Fraud:

Circle 8.

(1) Panders and Seducers.

(2) Flatterers.

(3) Simonists.

(4) Diviners, fortune tellers and magicians.

(5) Barrators.

(6) Hypocrites.

(7) Thieves.

(8) Fraudulent counsellors.

(9) Makers of discord.

(10) Falsifiers.

5) Sins of Serious Fraud (treachery; betrayal):

Circle 9.

(1) Against kindred.

(2) Against country and cause.

(3) Against guests.

(4) Against lords and benefactors.

Betrayal is the worst crime of all, especially the betrayal of God, hence Judas is the supreme criminal, with Brutus and Cassius (betrayers of Caesar) alongside him.

So, what's *your* sin – incontinence, violence, fraud or treachery?

“The Barrators are to the City what the Simoniacs are to the Church: they make profit out of the trust reposed in them by the community; and what they sell is justice. As the Simoniacs are imbedded in the burning rock, so these are plunged beneath the black and burning stream, for their dealings were secret. Money stuck to their fingers: so now the defilement of the pitch sticks fast to them.” – Dorothy Sayers:

A *barrator* – an official who trades his vote or consent for money; an official who accepts bribes; a “grafter”; one who practices State-Simony; an embezzler; one who stirs up litigation for profit; an ambulance chaser; one who sells an office for self-profit; one who sells orders, commissions and licences for self-profit (back handers).

The world is full of barrators. Most of “middle management” are barrators.

The Sin Factory

Free-market capitalism is all about sin. It panders, in particular, to the incontinence sins of lust, gluttony, avarice and excess (prodigality) – to porn,

advertising via sexual imagery, promising sexual success through buying certain products, making yourself more sexually attractive (via makeup and the “beauty” industry), drugs, alcohol, gambling, endless junk food, junk entertainment and shopping sprees, extreme envy and lust for high status goods, endless “party time”, self-indulgence, self gratification, dumbing down, going for quantity over quality, racing for the bottom, and so on.

Capitalist nations regularly perpetrate the sin of violence – unjust, illegal wars waged for motives of pure greed and lust for power. The capitalists love the sin of wrath, with all of their “shock and awe” martial displays.

The elite capitalists engage in the sins of fraud. They are panders and seducers, flatterers, barrators, hypocrites, thieves, fraudulent counsellors, sowers of discord (“divide and rule”), falsifiers, liars, cheats, crooks, swindlers, and con men. Via mainstream religion, hyperreality, celebrity culture and the Society of the Spectacle, they engage in spells, magic, divination, fortune telling, astrology, mumbo jumbo, hokum, hocus pocus and Mythos.

At the very highest level, global capitalists are absolute traitors. In their endless search for higher profit, they screw over their fellow countrymen (by transferring jobs to cheaper parts of the world), they damage their national economies to increase global profits (they even bet against the Nation State; “short it” in terms of stocks and bonds), they actively conspire with foreign powers to maximize profit, and hide their wealth in offshore accounts. They betray their benefactors (the Sovereign People), and they betray “freedom and democracy” by hijacking the political process and “buying” all leading politicians.

These people have betrayed everyone other than themselves and their families (and, even then, they often cheat on their wives). They are the ultimate traitors, deserving of the fate of all those who commit high treason against their nation and the people. They are most assuredly the supreme “enemies of the people”.

Capitalism is all about selfishness, sin, the Freudian Id and the Jungian Shadow; it appeals to everything that’s worst in the human condition – which is of course why it has, historically, been so successful. No decent person would ever support free-market capitalism. It’s for evil Randoids who think that selfishness is the highest virtue!

The Transfiguration

Transfiguration: a marked change in form or appearance; a *metamorphosis*; a change that glorifies or exalts.

It was said that Jesus Christ's divine nature was "veiled" when he was in human form. During the event known as "the transfiguration", the veil was temporarily lifted and others were able to catch a glimpse of his true glory. The *Shekinah* is the revealed glory of Yahweh; the transfiguration therefore manifested Christ's Shekinah.

Past Lives

In ancient Greece, if you wanted to remember your past lives, you were instructed to refrain from drinking of the river *Lethe* ("Forgetfulness"), and instead to drink of the pool of *Mnemosyne* ("Memory"). You had to say to the pool's sacred guards: "I am the son of Earth and Starry Heaven. I am thirsty, please give me something to drink from the fountain of Mnemosyne."

The End

The *Eschaton*: the end of the present world; the "divinely ordained climax of history".

Immanentizing the Eschaton: in political theory and theology, trying to bring about the *eschaton* (the end of the world), or to bring "history" to an end.

Orphism

"The rise of the Orphic worship of Dionysos is the most important fact in the history of Greek religion, and marks a great spiritual awakening. Its three great ideas are (1) a belief in the essential Divinity of humanity and the *complete* immortality or eternity of the soul, its pre-existence and its post-existence; (2) the necessity for individual responsibility and righteousness; and (3) the regeneration or redemption of man's lower nature by his own higher Self." – F. S. Darrow.

Zagreus-Dionysos was the divine son of God the Father (Zeus). He was slaughtered by his enemies and brought back to life. Hey, there's nothing new about the Christian story!

Bees, like butterflies, were emblems of the reincarnating soul. As the bees gathered the nectar from flowers to make it into honey, so the human soul in its travels through mortal lifetimes gathers the mystic nectar that will be made into the clear honey of enlightenment, the greatest food of all. This honey is stored away in the secret chambers of the soul.

How High Can You Go?

In 1270, Swabian heretics said that they had risen above God and, having ascended to the zenith of divinity, they had no further need of him. Thus they abandoned God. At this point, the initiate had to declare, “I no longer have any need of God.” Shouldn’t we all follow the Swabian example?

Orpheus and Orphism

The mystery religion of Orphism was linked to both Apollo and Dionysus: reason and unreason, control and ecstasy.

Orpheus, the mythical/legendary founder of Orphism, was torn to pieces by fanatical Bacchic Maenads (the wild female followers of Dionysus). They deemed him a heretic for daring to bring the Apollonian into the Dionysian. That was his great sin and crime.

Thesis = Dionysus.

Antithesis = Apollo.

Synthesis = Orphism.

Orphism was a key influence on Pythagoreanism (Illuminism). Platonism originated in Pythagoreanism.

Gnosticism, Neoplatonism and Hermeticism were direct descendants of Orphism.

Mystery Religions

The Mysteries of Dionysus/Bacchus.

The Mysteries of Demeter at Eleusis.

The Mysteries of Cybele and Attis.

The Mysteries of the Persian god Mithra (Mithras).

The Worship of Atargatis (Dea Syria: the Syrian Goddess) and Tammuz.

The Mysteries of the Egyptian goddess Isis and the god Osiris.

The Mysteries of the great gods (*theoi megaloi*).

Soma Sema: “the body a tomb” – the body is a cave/prison for the soul.

The Mysteries of Dionysus were deemed particularly dangerous, and the followers of Dionysus were brutally suppressed on several occasion by anxious States. In 186 BCE, Rome wiped out thousands of followers of Bacchus (the Roman Dionysus). Accusations were levelled of orgies, sadomasochism, perversion, unbridled criminality, excessive drug taking, murder, poisonings, blackmail and subversion.

The Mysteries of Dionysus were subject to the strictest secrecy. Initiates and critics alike were in no doubt about the power of Dionysian rituals.

Sex, drugs, and the dramatic recreation of death and rebirth featured prominently. Initiates took the role of the god: each adept became Dionysus for the night, with total power. Wine played a pivotal role in the proceedings.

Initiates experienced sexual ecstasy, wine-triggered madness, “death”, and then divine rebirth. A terrifying underworld initiation was enacted in which a mock burial in a tomb was performed. The initiate was then resurrected as a new being (a God!) and given a new name (his secret identifier within the cult).

Dionysus was known as the god of the common people and of the dispossessed (slaves and women). Spartacus, leader of the Slave Revolt against Rome, was a senior adept.

The Sphinx

If you couldn’t answer the Sphinx’s great riddle, it killed you. Imagine if ignorance resulted in the death penalty. There would be no Abrahamists left!

The Soul

For the Pythagoreans, the soul was an eternal, self-moving, self-transforming *number* which could pass from body to body. The universe was created through number (God himself being the greatest of numbers, hence God is a mathematician!) and the divine plan consisted of numbers and numerical relations (especially musical harmony).

The study of numbers and numerical relationships (mathematics) extends to the study of sounds (music) and harmonic relationships. The cosmic harmony is expressed through the sublime Music of the Spheres.

Through mathematics and music we can bring ourselves into perfect harmony with the universe and thus we attain personal perfection (divinity).

This is what Pythagorean Illuminism was about originally, and the vision remains unchanged, although the mathematics of the scheme has been enormously enhanced since Pythagoras's time.

Although the Pythagoreans lived austere lives most of the time, on special festival days they indulged in the rites of Orphism and celebrated the sacred ceremonies of the god of wine and intoxication: Dionysus. From these raucous occasions emerged the doctrine of "Sin for Salvation" – an encounter with the dark, irrational Shadow side of human nature in order to defuse its power.

Dionysus was Nietzsche's favourite god (although, in truth, Nietzsche was enormously more Apollonian than Dionysian), so that makes Nietzsche an honorary Illuminist!

Orwellian Doublethink

Doublethink: "To know and not to know, to be conscious of complete truthfulness while telling carefully constructed lies, to hold simultaneously two opinions which cancelled out, knowing them to be contradictory and believing in both of them, to use logic against logic, to repudiate morality while laying claim to it, to believe that democracy was impossible and that the Party was the guardian of democracy, to forget whatever it was necessary to forget, then to draw it back into memory again at the moment when it was needed, and then promptly to forget it again: and above all, to apply the same

process to the process itself. That was the ultimate subtlety: consciously to induce unconsciousness, and then, once again, to become unconscious of the act of hypnosis you had just performed. Even to understand the word ‘doublethink’ involved the use of doublethink.” – George Orwell, *Nineteen Eighty-Four*

Doublethink, although appearing in a work of fiction, is one of the greatest psychological insights of all times, and accurately describes how most people think and behave. The more psychotic you are, the more likely you are to engage in doublethink. Abrahamism is a classic example of doublethink.

“God” ordered Abraham to make a human sacrifice of his own son – an irredeemably wicked command – yet all Abrahamists were able to use doublethink to imagine Abraham as a supremely good man for agreeing to carry out the deed, and “God” as a perfect being for ordering it – even though the order was self-evidently the quintessence of evil and Abraham and his God wicked psychopaths. All attempts to defend the story of Abraham’s would-be sacrifice of his son Isaac at God’s behest involve a spectacular degree of doublethink. If any man murdered his son in the present day and said God ordered it, he would be given the death penalty, be imprisoned for life, or locked up in a mental asylum, and the key thrown away. Why is an act that everyone today rightly agrees is a diabolical crime regarded as “holy” because it happened thousands of years ago?

The 9/11 maniacs who attacked America were archetypal doublethinkers. How could anyone believe they were serving the morally perfect God of the universe by immorally murdering thousands of innocent people?

The Secret Path to Knowledge

Intuition: knowledge obtained neither by reason nor perception.

Evil Alone?

Evil exists only in relation to others; it cannot exist in a person on a desert island without a single other creature. It is behaviour towards *others*; it is cruelty, selfishness, dominance, greed, brutality, using others for your own purposes and doing whatever you like to them, including torture and murder. Most of the people ruling our world are manifestly evil.

Darwinism?

Charles Darwin hated the work of Shakespeare. Many people do, yet a vast Shakespeare industry exists, with its high priests continually promoting the cause of this rather amateurish writer. Most of what he wrote was junk. A few starry lines here and there do not make him someone to be held in slavish reverence. Nietzsche, on a line by line basis, is an enormously superior writer, and he was tackling extremely complex philosophy!

Inscape

Inscape: the essential, distinctive, and revelatory quality of a thing; an epiphany; a moment of truth; the quintessence of something.

Mortality

Imagine you experienced your immortality directly (rather than through a succession of mortal bodies). Would you value life? Life can have a meaning only when you have a goal, challenges, risks, uncertainty, fears. Mortality delivers all of that. Immortality – if you have not worked hard to appreciate it and harness it for incredible ends – is a curse, not a boon.

The Transcendent Function

Jung introduced a concept called the *transcendent function*. This is an archetypal dialectical process that mediates between opposites and manages the Mexican standoff between them. While the rival attitudes fight, no progress is possible. The transcendent function transcends both positions and establishes a third (the *tertium quid* – third thing), which reconciles the opposites, taking what is best from both and rejecting the worst. It therefore corresponds to the synthesis phase of the dialectic.

The transcendent function has a healing effect, resolving opposite tensions, bridging otherwise impassable chasms. It enables dialectical progress and the enhancement of consciousness. Most of its work concerns resolving the tension between consciousness (mortal ego) and the unconscious (immortal higher self). In many ways, the transcendent function is the key to becoming God.

The Freudian (not Jungian) ego is, paradoxically, the best example of Jung's transcendent function. The Freudian ego sits between the opposite demands of the id ("me") and superego ("we") and obeys the *reality principle*. Imagine the Freudian ego being dialectically linked to the Jungian

Higher Self, and you can envisage a process of increasing rationality, mastery of id and superego, and a route to self-actualization.

Private Language

“If someone were to behave as if they understood a language which no-one else can make sense of, we might call this an example of a private language. It is not sufficient here, however, for the language to simply be one that has not yet been translated. In order to count as a private language in Wittgenstein’s sense, it must be in principle *incapable* of translation into an ordinary language – if for example it were to describe those inner experiences supposed to be inaccessible to others. The private language being considered is not simply a language in fact understood by one person, but a language that in principle can only be understood by one person. So the last speaker of a dying language would not be speaking a private language, since the language remains in principle learnable. A private language must be unlearnable and untranslatable, and yet it must appear that the speaker is able to make sense of it.” – Wikipedia

Private languages in the truest sense are impossible but many people operate a quasi private language. They use conventional language but then, wherever it suits them, they twist concepts into things that are defined by them and make sense only to them. They then use these private definitions to argue with people who have no idea what they are talking about. These private definitions are illogical and never used consistently.

You are well on your way to madness if you start using your own definitions or words and concepts without making any attempt to integrate them with what others understand by them.

Ayahuasca: the Vine of the Soul

“The word *ayahuasca* has been variously translated as ‘vine of the soul’, ‘vine of the dead’, and ‘spirit vine’.” – Wikipedia

Ayahuasca is a sacred plant from the Amazon and produces a psychoactive plant medicine said to heal our minds and spirits, cure psycho-spiritual ailments and provide astonishing insights into the noumenal domain, include the domain of “the dead”. Its proponents say it can bring about a spiritual awakening.

Thousands of Westerners attend ayahuasca ceremonies to drink the vision-

inducing tea and, they hope, to experience spiritual breakthroughs that will transform their lives and raise them to a higher state of consciousness. Ayahuasca is strongly associated with shamanism and mysticism.

The Wisdom of William Blake

“To see a world in a grain of sand,
And a heaven in a wild flower,
Hold infinity in the palm of your hand,
And eternity in an hour.” – William Blake

“Man’s Perceptions are not bounded by Organs of Perception; he perceives more than Sense (tho’ ever so acute) can discover.” – William Blake

“Reason, or the Ratio of all we have already known, is not the same that it shall be when we know more.” – William Blake

“The Bounded is loathed by its possessor. The same dull round, even of a Universe, would soon become a Mill with complicated wheels.” – William Blake

“Less than All cannot satisfy Man.” – William Blake

“If any could desire what he is incapable of possessing, Despair must be his Eternal lot.” – William Blake

“The Desire of Man being Infinite, the possession is Infinite, and himself Infinite.” – William Blake

“He who sees the Infinite in all things sees God. He who sees the Ratio only, sees himself only.” – William Blake

“God becomes as we are, that we may be as He is.” – William Blake

“If the doors of perception were cleansed everything would appear to man as it is, Infinite. For man has closed himself up, till he sees all things thro’ narrow chinks of his cavern.” – William Blake

Sweet Memories

Mnemosyne, goddess of memory and mother of the Muses, presided over a

mysterious pool of memory in Hades. This was the counterpart, or antidote, to the Lethe, the river of forgetfulness.

Dead souls drank from the Lethe to ensure they would have no disturbing memories of their past lives when they reincarnated. Orphic initiates were, on the other hand, encouraged to drink from the pool of Mnemosyne when they died. Retaining their memories and knowledge of past lives would accelerate the initiates' progress to enlightenment. However, this came with the danger of madness, so initiates had to be fully prepared if they were to risk the pool of memory.

Those who consulted the oracle of Trophonius in Boeotia were expected to drink from the spring called *Lethe* to forget the falsehoods they had acquired before consulting the oracle, and from the spring of *Mnemosyne* to perfectly remember the oracle's wisdom.

You should drink from the Lethe to forget Abrahamism and free-market capitalism. You should drink from Mnemosyne to remember the *God Series*!

Imagine the world had literally never heard of Jehovah, Allah, Moses, Jesus Christ or Mohammed – wouldn't it be bliss? Has anything cursed our world more than Abrahamism?

The Dionysian Artificers

“The Dionysiac Architects constituted an ancient secret society, its principles and doctrines much like the modern Freemasonic Order. They were an organization of builders bound together by their secret knowledge of the relationship between the earthly and the divine sciences of architectonics. They were supposedly employed by King Solomon in the building of his Temple, although they were not Jews, nor did they worship the God of the Jews, being followers of Bacchus and Dionysos. The Dionysiac Architects erected many of the great monuments of antiquity. They possessed a secret language and a system of marking their stones. They had annual convocations and sacred feasts. The exact nature of their doctrines is unknown. It is believed that Hiram Abiff was an initiate of this society.” – Manly P. Hall, *Masonic, Hermetic, Quabbalistic & Rosicrucian Symbolical Philosophy*

In fact, this account is absurd since the followers of Dionysus had no interest in construction or order. The real group were the *Orphic* Architects and they were celebrating Apollonian order and mathematics (the Orphic religion was in fact a synthesis of Apollonian and Dionysian rites).

In order to stage the Greek plays that celebrated the cruel adventures of Dionysus (*tragedies*), theatres had to be built, and the secret society of Dionysian (Orphic) Artificers were those who designed and constructed them. This Apollonian mathematical and architectural element of Orphism was enthusiastically taken over by Pythagoras.

Through the Orphic Architects – many of whom were the wandering sages who were the first manifestation of the Illuminati – Illuminism reached King Solomon. Solomon was fascinated by the wisdom and skill of these men and greedily learned from them.

Solomon’s Temple was designed in the most ingenious way to reflect the workings of the cosmos. It was the high point of ancient architecture, and perhaps remains so to this day. It was full of Greek symbolism and cunning, disguised allusions to Apollo, Dionysus, Sophia/Athena, Aphrodite and Zeus. Thus we see how Greek culture intruded itself into the centre of Hebrew life.

Solomon became the first *unofficial* Grand Master of the Illuminati and attempted to create an Illuminist Order (the Order of Solomon, dedicated to the destruction of Yahweh), but it didn’t long survive his death. The

Illuminati as a proper, enduring Order did not come into being until Pythagoras, the first official Grand Master.

The Alchemists, Hermeticists, Freemasons and Knight Templar all continued the traditions of the Orphic Artificers. (Kabbalists, too, borrowed heavily from them.)

“They made their appearance certainly not later than 1000 B.C., and appear to have enjoyed particular privileges and immunities. They also possessed secret means of recognition, and were bound together by special ties only known to themselves. The richer of this fraternity were bound to provide for their poorer brethren. They were divided into communities, governed by a Master and Wardens and called (connected houses). They held a grand festival annually, and were held in high esteem. Their ceremonials were regarded as sacred. It has been claimed that Solomon, at the instance of Hiram, King of Tyre, employed them at his temple and palaces. There were also employed at the construction of the Temple of Diana at Ephesus. They had means of intercommunication all over the then known world, and from them, doubtless, sprang the guilds of the Travelling Masons known in the Middle Ages.” – John A. Weisse, *The Obelisk and Freemasonry*

“The Roman Collegia of skilled architects were apparently a subdivision of the greater Ionian body, their principles and organization being practically identical with the older Ionian institution. It has been suspected that the Dionysians also profoundly influenced early Islamic culture, for part of their symbolism found its way into the Mysteries of the Dervishes. At one time the Dionysians referred to themselves as Sons of Solomon, and one of the most important of their symbols was the Seal of Solomon – two interlaced triangles. This motif is frequently seen in conspicuous parts of Mohammedan mosques. The Knights Templar ... are believed to have contacted these Dionysian artificers and to have introduced many of their symbols and doctrines into medieval Europe.” – Manly P. Hall, *Masonic, Hermetic, Quabbalistic & Rosicrucian Symbolical Philosophy*

The “Dionysian Artificers” were a group of Pythagorean Orphic Geomancers who applied their beliefs to architecture. Legend has it that they helped build Solomon’s Temple, and they are regarded as the ancestors of Freemasonry.

Janus

The first month of the year is named after the Roman god Janus, the deity of door and gates, beginnings and endings. Janus, like a door, looks two ways: in and out, backwards and forwards.

One of the god's roles was to preside over the solstitial gates – the 'gate of men' and the 'gate of the gods' – the Summer and Winter Solstices, respectively.

Janus might be called the god of birth and death since these too are gateways. He is a good god to represent the process of reincarnation.

Birth: the soul enters into union with a body. Death: the union is dissolved.

The Spirit World?

“A spiritual concept does not draw on space for anything; it draws rather on state for everything it has. State is predicated of love, life, wisdom, affections, and consequent delights--broadly speaking, of the good and the true. A really spiritual concept of these elements has nothing to do with space. It is higher, and looks to concepts of space the way heaven looks at earth. ... There do appear in the spiritual world, where spirits and angels are, spaces like spaces on earth. They are not spaces, though, but ‘appearances.’ Actually, they are not fixed and ordained as on earth. They can be stretched out or contracted, altered and varied. And since they cannot be delineated by measurement, they cannot be encompassed by any natural concept, only by a spiritual one. As concerns spatial distances, this is nothing but a matter of distances of what is good or distances of what is true, which are affinities and likenesses depending on their state.” – Swedenborg

This is an excellent description of the interior world of monads, and how monads relate to each other mentally rather than physically!

“We can conclude from these considerations that man, on the basis of a merely natural concept, cannot grasp either the fact that the Divine is everywhere and yet not ‘in space,’ or the fact that angels and spirits grasp this clearly. We can conclude that in consequence, man too could grasp this if only he let some spiritual light into his thought.” – Swedenborg

Swedenborg was a highly intuitive “Monadist”. Unfortunately, he didn’t use mathematics to make sense of his visions, so he ended up talking a great deal of incomprehensible, mystical mumbo jumbo.

“Just as the Divine is in all space, and is nonspatial, it is in all time, and is timeless.” – Swedenborg

Opting Out

Benjamin Franklin famously said that the only things of which you could be certain were death and taxes. He forgot to mention the third thing: the rich avoiding paying any taxes!

Light and Dark

Photine; Photina; Photios; Photos: (ancient Greek) “light”.

Photon: a particle of light.

Illuminators = Phosters, the people of light.

A Phoster: an Illuminator, a Revealer of the Hidden Truths.

Lucifer: light bearing.

Noctifer: night bearing.

Noctifer: Latin for *nox, noctis* (night) + *ferre* to bring. “Bringing night.”

Nocturnus: Of or belonging to the night; nocturnal.

The Dead Earth: *here*, the spiritual battle between the Illuminators and the Archons (the servants of the Demiurge).

The *Malefactors*: the Old World Order.

Novus homo (Latin for “new man”; plural *novi homines*).

We are the *new* people. Arise, *New Humanity*.

Eternal Man, Cosmic Man, the Inspired Man, the New Man.

“The without is like the within of things; the small is like the large.” –
Hermes Trismegistus

UFOs – Angels?

Brain Waves

Brain waves change during out-of-body and near-death experiences. “Remote viewing” also leads to significant changes in brain wave patterns.

Rationalism

If the world were rational, there would be no Jews, Christians, Muslims or

Karmists. It's one of the most disturbing features of this world that reason and rationalism don't matter at all. You can't rationally convince an irrational person of anything. You're wasting your breath.

The Death of Catholicism

“World history is a court of judgment.” – Hegel

The Catholic Church is visibly dying in front of our eyes. It seems increasingly anachronistic and absurd. It stinks of corruption, cover-up, degeneration and decay. It has become a perverse and perverted institution. Its many homophobic statements and attitudes come, it is now obvious, from the widespread homosexuality of its own clerics, who are in extreme denial and self-loathing about their sexuality. They project their hatred of their own homosexuality onto the world. If you think about it, gay men are likely to be highly attracted to the Catholic priesthood: you get to dress up in effeminate clothes, to take part in camp rituals ... and to be surrounded by men!

The Catholic requirement for priestly celibacy has destroyed Catholicism. It has attracted a gay clergy who are forced to denounce homosexuality. All of these gay men are having sex with each other and then being filled with self-disgust, which they direct onto the rest of us. Child abuse is also rife. Children – the powerless – are those most likely to be intimidated into keeping the “secret”, or to be disbelieved when they speak up.

The Catholic Church is engaged in a systematic cover-up of its disgraceful crimes and abuse. It cannot afford to be seen to be full of sinners when it's trying to convey an image of being full of saints, so all its own sins – which are legion – are buried deep. There are “bodies” everywhere. There are so many bodies that it's impossible for the Catholic hierarchy not to know about it – every one of them, including *all* of the Cardinals and the Pope himself. Like Richard Nixon in the Watergate scandal, they are embroiled in a constant process of cover-up, which just keeps getting worse and worse. Nixon was brought down because of the persistent probing and campaigning of a newspaper. No newspaper can get anywhere near the inner corridors of the Vatican.

The Catholic Church's primary concern is not Christianity or morality; it's simply the perpetuation of itself. This is true of *all* institutions. They should be thought of as animals that will fight to the death to survive, long after any purpose they have ever served has vanished. All institutions are about *power*,

and if the institution is damaged, their power is undermined. So, to prevent loss of power, the prime directive is to ensure that all sins are hidden from the public (but they are all too visible within the institution itself, and the leaders of the institution are *invariably* those who know most about them; indeed it's precisely this knowledge that took them to the top in the first place!)

Institutions are all engaged in propaganda and cover-up. This is not surprising in ruthless, vicious, capitalist companies which are inherently immoral or amoral, but it's disastrous for an institution that defines itself *morally*.

The degree of cognitive dissonance present in the Catholic Church – the disjunction between appearance and reality – is simply staggering. Senior Catholic have become experts in denial. In fact, they are in a permanent state of denial. They see no evil, hear no evil and speak no evil, even though they are tripping over evil in their own cloisters and corridors with every step they take. The Catholic Church is the most immoral institution on earth, and the Pope (the “Vicar of Christ”) the most immoral man on earth. Catholicism is rotten to the core.

It keeps going – even though everyone knows it's false, absurd, and wicked (especially its own clergy) – because of the *power agenda*, because of power's absolute need to perpetuate itself. Long after purpose and morality have disappeared, power goes on. The more that power becomes detached from purpose, the more ruthless and mad it becomes, and the more determined to protect itself at any cost. Does that not sum up the modern Catholic Church?

There is nothing moral about Catholic Cardinals and the Pope. They are liars, crooks, false prophets, criminals, conspirators, abusers, immoralists, haters, persecutors, propagandists, intolerant monsters, and their true concern is their own status and power. They are past masters at “burying the bad news.” The worst news they have buried deepest of all is that their religion is wholly false.

People aren't attracted to morality; they are attracted to power and wealth. The “top” people are those who find power and wealth most attractive, and will do anything to get it. Power corrupts, and, in public life, the more powerful you are, the more corrupt you are. The only powerful people who aren't corrupt are those who lead benevolent secret societies that have no connection with the currents of public life and the craving for status.

The Grand Master of the Illuminati could be one of the most famous men

on earth. As it is, he is completely unknown. Even within the Illuminati, his identity is known only to a small number of members. Power with anonymity is completely different from power that's flaunted. The latter is all about status. With the former, purpose is what matters, and status is irrelevant.

It's time for the Catholic Church to perish. Thankfully, it won't survive this century. By 2100, it will be stone dead. We can see it dying in front of our eyes. When Catholicism goes, the whole stinking edifice of Abrahamism and mainstream religion will start to totter. That's when new ideas will flood in, and a glorious paradigm shift will take place. Salvation is coming! The prerequisite is the death of conventional religion, of all the religions of control that have scarred the world for so long.

The Brain

Materialists think that brain states dictate mental states. They think that the electrical activity in physical brains is responsible for mind.

In fact, mind belongs to a frequency domain outside space and time. It communicates with the physical brain via mathematical Fourier transforms – which link the mental frequency and physical spacetime domains. Fourier transforms work by connecting two domains of different dimensionality (dimensionless frequency functions and dimensional spacetime functions).

Scientific materialism has *never* understood Fourier mathematics because it has never grasped that the frequency domain is ontological (rather than abstract) and quintessentially outside space and time. In scientific materialism, *nothing* is outside space and time – the thought is unthinkable – so Fourier mathematics, instead of being taken for the straightforward ontological process it is, is converted into some weird and impossible abstraction (which is why quantum mechanics, based on Fourier mathematics, has baffled the *entire* scientific community for over a century, despite being science's greatest ever achievement!).

The mind-body relationship can be understood *only* via Fourier mathematics and the existence of a separate domain of frequencies outside space and time, interacting, via dynamic feedback loops, with spacetime functions inside space and time. Physical events are communicated to the mental domain, and mental events to the physical domain.

There is no mystery at all about mind and matter once the ontological Fourier transform is comprehensively grasped.

Found

Imagine if the human race discovered the Garden of Eden and its two fateful trees: the *Tree of Knowledge* and the *Tree of Life*. What would we do with them? Would we eat the fruit and gain immortal life and infinite knowledge? Or would we say, “Hey, let’s kneel and grovel to some invisible force, and not touch the fruit under any circumstances in case we get punished forever in hell.”

Can’t you see that the difference between masters and slaves, between Faustians (who will go to *any* lengths for knowledge) and those infected with the “fear of God”, is completely revealed by this thought experiment? You will never become God unless you eat the fruit. Only the frightened herd will refuse to eat, through absolute terror of the consequences. The fearful can never be free.

The real Tree of Knowledge is the cosmic Fourier Transform. *All* knowledge is contained in the frequency Singularity of pure mind.

Thought is Light

Photons, particles of light, are associated with pure cosine waves. Chronons, particles of time, are associated with pure imaginary sine waves. Thought consists of pure light and pure time, i.e. cosine and imaginary sine functions. Thought is light and time perfectly entwined (and rendered dimensionless rather than dimensional).

The Journey

From “Ground Self” to “Higher Self”, from “Ground State” to “Higher State”.

Brainwashing

A pulsed microwave device – customized from an ordinary police radar gun – can broadcast voices directly into the brain whilst being undetectable to anyone else.

“Such a device has obvious applications in covert operations designed to

drive a target crazy with ‘voices’ or deliver undetectable instructions to a programmed assassin.” – Robert Becker

Dr. Sidney Gottlieb (director of the CIA’s infamous *MK-ULTRA* program) spoke of “techniques of activation of the human organism by remote electronic means.”

The Shit Shot

A movie close-up can magnify any blemish. In the movie industry, a make-up artist is called over to check for any imperfections on the star’s face. The *Shit Shot* must be avoided at all costs

In the porn industry, the shit shot is when anal sex results in actual shit appearing in the camera shot.

How to Reform Abrahamism

Ancient cults had temple prostitutes. What we need are synagogue, mosque and church prostitutes ... make sure all the uptight maniacs get a good hard fuck! Imagine all the women in burqas getting fucked by strangers at the back of the mosque. That would cure Islam overnight!

The Postmodern Author

When Barthes spoke of the “death of the author”, he should perhaps have used a less provocative phrase: “the irrelevance of the author”. The simple fact is that readers create their own idea of what a book means. Most of them don’t have access to the author to check if their interpretation is correct (and the author might in any case be *actually dead*, and many authors don’t in any case have a great conscious grasp of what they’re doing).

Novelists who write plot-driven books have a clear understanding of what they’re doing (they need to in order to construct the plot), but plotless novels by obscurantist literary novelists are vague nonsense, to which any interpretation can legitimately be attached. In a real sense, literary novelists can’t write. They don’t produce books but rather “effects”, “moods”, “character sketches”. Literary fiction is intermediary between novel writing and poetry, and fails on both counts.

Postmodernism declares that it’s irrelevant what an author’s intentions are. That’s right. Once a book is out there, it has a life of its own. An author doesn’t “own” how it will be received by others.

Hyperreality

Baudrillardian *hyperreality* denotes the situation where the distinction between reality and the *representation* of reality has irrevocably broken down. The representation is now taken *as* the reality, so the reality in fact no longer exists. Signs no longer refer to anything real but simply to themselves: they are all *self-referential*, in a closed loop.

Consider the phenomenon of the “spoof” movie, sending up a well-known movie. The original movie is itself a simulacrum of reality, hence unreal. The spoof sends up the simulacrum, not anything real. The next generation of the spoof movie then spoofs the spoof. Then we get the further evolution of the spoof with the “rules” of the spoof movie being established. Then we get the bending, breaking and mutation of these rules, and so on. Eventually, the spoof has no connection to anything “original” at all: it is now a “copy without an original”. It has taken on a life of its own, and people can write PhD theses on it and give lectures on it at Harvard, after the class on *Twilight* and *Buffy the Vampire Slayer*. Arguably, the whole of mainstream religions belongs to this same Mythos fantasy world, completely divorced from “the real”. It’s the *desert of the real* where the real is now the *mirage*.

Eventually, simulacra are no longer inferior copies of the real, but *superior*. In fact, one might now say that the simulacra (the *hyperreal* “more real than real”) *are* the reality and the former reality is now the bad copy. But that would be to establish a way of separating them and Baudrillard’s point is that we can no longer tell what is real and what isn’t.

Foucault said that there is no “history” as such, but a multiple, overlapping and interactive series of histories of the “legitimate” versus the “excluded”. This is to go too far. History is simply fiction and reflects whatever the prevailing ideology is, whether it belongs to the dominant class or the “other”. In fact, the ruling order are perfectly happy to invoke the history of the excluded or the “other” whenever it suits them, so, often, the narrative of the excluded or the “other” is just another perspective of the elite’s narrative which has been permitted to defuse unrest amongst the “other”, for example (and promote “democracy”, or whatever).

Postmodernists have spoken of the death of the grand narrative. If this were true, the top 1% of the world – the ruling class – would have been overthrown. While they exist, their grand narrative is firmly in place, working its sinister “magic”.

Derrida's deconstructionism is one of the greatest ideas of recent decades. Everyone should at all times deconstruct the grand narrative of the ruling elite. The more expert you are at deconstructing propaganda, the less you are deceived by it. When you can see the machinery behind the curtain, it loses its ability to enthrall you.

Abrahamism is all about the Wizard of Oz. A curtain is drawn across the cosmos and a terrifying voice barks out commandments from behind it. But, if you ever pulled back the curtain, you would see ... nothing at all. The whole thing is a projection, constructed by humans themselves.

Via Negativa

Via negativa: "the negative way"; "by way of what is not". According to this view, since it's impossible to say what God is, all we can do is say what he is *not*. What an idiotic idea. How can you say what he's not if you don't know what he is? One implies the other!

"Old" Money

What's the difference between old and new money? Pure snobbery. They're as vile as each other, and wholly defined by money, so "old money" invents rituals, codes and snob etiquette to put new money in its place and make it feel inadequate. Remember, it's all about status and power. No one is more concerned with money and power than the rich, hence no one is more preoccupied with rituals, signs and symbols of wealth and "class".

To destroy the rich and powerful, you simply have to relentlessly mock all of their most cherished rituals, signs and symbols.

The Psyche

"The Self, like the unconscious, is an *a priori* existent out of which the ego evolves. It is, so to speak, an unconscious prefiguration of the ego." – Jung

What is consciousness? It's a very special type of unconsciousness. The basic mode of mental activity is unconscious. The unconscious is non-local and is linked to everything.

Pre-requisites for consciousness are localism, separation, disconnection, individuation. These are *necessary but not sufficient* to define consciousness. Consciousness is about being separate, and *knowing* you're separate, but you only know this by being able to conceptualize that situation. In order to

conceptualize you require a language. Given that private languages are impossible, you require a public language. A public language of necessity involves other people. So, to be conscious, you need other people whom you know are like you but different from you, and with whom you can construct a shared conceptual language. Without these elements, you cannot be conscious. It's impossible for an eternal, conscious God (of the type envisaged by Abrahamists) to exist.

Consciousness is an *evolution* of the unconscious mind. Consciousness is language-based, conceptual unconsciousness! The unconscious deals in a) the wordless mathematical language and b) in wordless symbols, signs, icons, images and feelings (as in dreams). Words ultimately define consciousness because words, and how they are arranged, allow the construction and linking of concepts in a way that is tied to our emotions, desires and Will.

Words, first and foremost, are not about truth and reality (and nor is consciousness about truth and reality). In fact, words best lend themselves to *Mythos*, to story-telling. Consciousness is a 24/7 story (narrative) with ourselves as the protagonists. Objective mathematics is not a suitable language for general concepts for the simple reason that all of its concepts relate strictly to mathematics itself. Objective mathematics cannot break out of itself. It provides a robotic, algorithmic, computerised, machine mind – a mind with no need of consciousness and free will.

Mythos goes hand in hand with fantasy, emotion, delusion, hate, love and lies – all unthinkable in mathematics. Logos arises when mathematics intrudes into Mythos via logic and reason (rationalism). Logic and reason partake of the unemotional and anti-emotional character of mathematics.

Jung famously contrasted feelings and thinking in his personality typology. Feelings are about Mythos and thinking about Logos. The vast majority of people are feeling types, hence are ruled by Mythos. Only thinking types can be consistently logical and rational, and only intuitive thinkers can break out of the phenomenal prison imposed by our senses.

Logic and reason are mathematics “in words” rather than in numbers. Rationalists are, obviously, enormously clearer thinkers than irrationalists (who can barely think at all). We live in a Mythos world of irrationalists rather than a Logos world of rationalists. But one day we will reach the Promised Land. A Logos world is a prerequisite for a Community of Gods, a Society of the Divine. Logos is the only platform for the journey to divinity.

The human mind began as an ape mind then evolved to a “bicameral”

mind, then to a Mythos conscious mind. The highest humans have evolved a Logos conscious mind, and only Angel and Divine minds are higher than that.

The Psyche, of which the Self is the centre, is teleological. It seeks growth, wholeness and completion. It seeks to accomplish what might be described as a “rising equilibrium”. That is, if it simply wished to maintain equilibrium, it would remain in a condition of permanent stasis. If it wants to grow, it requires a stable platform from which improvements can be made. If the rungs of a ladder represent higher and higher equilibrium states, the psyche needs to be able to leave each equilibrium state in due course in order to ascend to the next step. It needs to know when to force a break from equilibrium before re-establishing it again at the next level. It can’t afford to move too fast – because that might lead to instability, chaos and madness. It’s all about one step at a time, and consolidation, before moving onwards and upwards again.

Psychons: flickering filaments of thought; sparks of mental life, shining and glinting; basic minds; another name for *monads*.

The *scala mystica*: the mystical scale which permits a spiritual ascent from the lowest levels of creation to divinity.

In the Eleusinian mystery religion, the highest initiates were known as *epoptae* (singular *epoptes*): “beholders, those who have seen”. They used the “mirror of Dionysus” to gain supreme self-knowledge. In that mirror, they saw two reflections: of their lowest, most primal form and their highest, most divine form, and then they simply had to bridge the gap.

Hagion onoma: “holy name”.

City of Man = the material world; the phenomenal domain.

City of God = the mental world; the noumenal domain.

To establish a Community of Gods, we must first build the City of God on Earth.

Anti-Caesar

Those who conspired against Caesar called themselves the *Liberatores* (“Liberators”). Death to the Old World Order!

Failure

“Ever tried. Ever failed. No matter. Try Again. Fail again. Fail better.” – Samuel Beckett

Nineteen Eighty-Four

Thinkpol: the Thought Police, responsible for eliminating *crimethink*.

Crimethink = *Thoughtcrime*: “The essential crime that contains all others in itself.” – George Orwell

Facecrime: “It was terribly dangerous to let your thoughts wander when you were in any public place or within range of a telescreen. The smallest thing could give you away. A nervous tic, an unconscious look of anxiety, a habit of muttering to yourself – anything that carried with it the suggestion of abnormality, of having something to hide. In any case, to wear an improper expression on your face (to look incredulous when a victory was announced, for example) was itself a punishable offence. There was even a word for it in Newspeak: *facecrime*, it was called.”

Doublespeak: “Deliberately ambiguous or evasive language; any language that pretends to communicate but actually does not.”

Crimestop: “The faculty of stopping short, as though by instinct, at the threshold of any dangerous thought. It includes the power of not grasping analogies, of failing to perceive logical errors, of misunderstanding the simplest arguments if they are inimical to Ingsoc, and of being bored or repelled by any train of thought which is capable of leading in a heretical direction. In short....*protective stupidity*.” – George Orwell

Unperson: Any person erased from history by the government for breaking the law. All records of their existence are removed, and all party members are expected to remove them from memory. Any memory of them would constitute a *thoughtcrime*.

The Red Flag

The red flag so beloved of left wingers was, originally, a symbol used by Roman generals to alert their army to prepare for battle (a red flag was hung over the general's tent). When Rome declared war, a red flag was hoisted over the capitol and signified that all men subject to military service had thirty days to report for duty.

The red flag was later used as a symbol of martial law, warning rioters to disperse or be fired on. In Revolutionary France, when fifty anti-royalist protesters were killed after martial law was declared, the Jacobins flew a red flag to honour the “martyrs’ blood” and to subvert the flag’s former meaning. It quickly became the unofficial national flag of France, and was later adopted by all left wing movements.

The Paradox

It is said that Adolf Hitler wasn’t promoted beyond the rank of corporal in WWI because his “superiors” believed he lacked *leadership* qualities! No wonder Germany lost the First World War if its officers couldn’t recognize those with an extraordinary Will to Power.

Living or Dead?

Inert: having no inherent power of action, motion, or resistance (opposed to *active*).

Well, are you inert or active?

Drones: inert, passive people; sheeple.

“We would purge the land of these drones.” – Shakespeare

Getting Away with It

If you could get away with *anything* – if you could be guaranteed not to be caught or suffer any ill effects or negative consequences – are you *sure* you would be 100% moral?

The rich and powerful have consistently believed that they can “get away with it” and are unquestionably the least moral people on Earth.

Moreover, if you think about it, that’s how they became rich and powerful in the first place!

The Fall

The Abrahamists say that we live in a “Fallen World”. God gave us paradise – Eden – and we ruined it. In fact, according to some sources, we ruined it within *twelve hours*, i.e. the eating of the forbidden fruit happened almost immediately. For Abrahamists, disobedience to God was the cause of the Fall. Here we see a master-slave model of reality. We “fell” because we were slaves who didn’t obey our master’s orders. If we obeyed our master to the letter, everything would be wonderful (that’s the thinking behind Islam’s continual calls for Sharia Law to be imposed everywhere).

Abrahamism is all about making humans slaves of God and denying them freedom of action (freedom ever to follow their own choices, regardless of God’s wishes). In Abrahamism, if you choose to exercise your freedom in any way offensive to God, you’ll be punished forever in the eternal torture chamber of hell. In other words, the only sense in which humans are “free” in Abrahamism is that they are free to disobey God and thereby incur eternal, “deserved” suffering and pain. But if you are threatened with infinite pain for exercising freedom, in what way have you been allowed any true freedom? You are free only to go to hell!

In Abrahamism, everything is about God and what he wants. Human beings are mere slaves required to worship, serve and obey. Only a slave mentality is attracted to a slave religion such as Abrahamism. All Abrahamists are pathetic slaves: kneeling, bowing, groveling, keeping their eyes averted, submitting, worshipping power, and terrified of the consequences of opposing it. They are the common herd, the sheeple ... natural-born slaves.

Abrahamism is the worst possible insult to human dignity, human freedom and human potential. It asserts that the purpose of humans is to be model slaves to a tyrannical master of infinite power. This is a Satanic creed in every conceivable way. “God” is the Devil. His only aim is to oppress humanity and demand absolute obedience to his Satanic Will at all times.

Is that how a true God would behave? Wouldn’t a true God want humanity to flourish, to grow strong, to be free and magnificent, to try all sorts of things, without waiting for permission?

In Gnosticism, a very different view of the Fall is presented. Souls fell from heaven through *lust*. Souls saw the material world created by the Demiurge (the Devil) and were overcome with all of the sensual delights on

offer. They entered the material plane, and barely heard the jail gate slamming shut behind them. However, all too soon, they realized they had arrived in hell and now their fondest wish was to escape – to return to heaven. But they had no idea how to do it. Only special spiritual knowledge – *gnosis* – allowed them to leave the material plane, and only the rarest of humans were capable of achieving it.

In Gnosticism, the Fall is not about disobedience, but desire. Our desires get us into trouble – and only our reason (*undessire*) can get us out again. In Abrahamism, our disobedience gets us into trouble and only our abject repentance and slavish obedience gets us out.

Do you see how these reflect two entirely different types of human being? Gnostics are those who *know* they have dark desires and that these must be overcome with reason. Abrahamists are those who “know” that obedience to the powers-that-be is the formula for a good life and salvation.

Is the way our world is any surprise when it’s so full of Abrahamists and has so few Gnostics?

We live in a slave world, where billions of humans have voluntarily chosen to worship power and throw themselves at the mercy of the ultimate cosmic Torture God and tyrant – the Devil, aka Allah, Jehovah, Christ.

Gnostics know they must fight this monster to the bitter end, and their weapon is *reason*. As for Abrahamists, they condemn reason as the “Devil’s whore.” There you have our world in a nutshell.

The Marshmallow Test – The Most Important Experiment of All Time?

“Subdue your appetites, my dears, and you’ve conquered human nature.” – Charles Dickens

From Wikipedia:

“The Stanford marshmallow experiment was a study on deferred gratification conducted in 1972 by psychologist Walter Mischel of Stanford University. A marshmallow was offered to each child. If the child could resist eating the marshmallow, he was promised two instead of one. The scientists analyzed how long each child resisted the temptation of eating the marshmallow, and whether or not doing so was correlated with future success.

“The purpose of the original study was to understand when the control of

deferred gratification, the ability to wait to obtain something that one wants, develops in children. The original experiment took place at the Bing Nursery School located at Stanford University, using children the age of four to six as subjects. The children were led into a room, empty of distractions, where a treat of their choice (*Oreo* cookie, marshmallow, or pretzel stick) was placed on a table, by a chair. The children could eat the marshmallow, the researchers said, but if they waited for fifteen minutes without giving in to the temptation, they would be rewarded with a second marshmallow. Mischel observed some would 'cover their eyes with their hands or turn around so that they can't see the tray, others start kicking the desk, or tug on their pigtails, or stroke the marshmallow as if it were a tiny stuffed animal', while others would simply eat the marshmallow as soon as the researchers left.

"In over 600 children who took part in the experiment, a minority ate the marshmallow immediately. Of those who attempted to delay, one third deferred gratification long enough to get the second marshmallow. Age was a major determinant of deferred gratification."

"It was the results of the follow-up study that would take place many years later that surprised Mischel. Since Mischel's daughters knew and grew up with many of the original test subjects, through casual conversation, Mischel discovered there existed an unexpected correlation between the results of the marshmallow test, and the success of the children many years later."

"The first follow-up study, in 1988, showed that 'preschool children who delayed gratification longer in the self-imposed delay paradigm, were described more than 10 years later by their parents as adolescents who were significantly more competent'.

"A second follow-up study, in 1990, showed that the ability to delay gratification also correlated with higher SAT scores.

"... the findings suggest that temptation focus in the delay-of-gratification task at age 4 may already be a marker of the subsequent development of individual differences in this system in adolescence and adulthood. ... A 2011 study of the same participants indicates that the characteristic remains with the person for life. Additionally, brain imaging showed key differences between the two groups in two areas: the prefrontal cortex (more active in high delayers) and the ventral striatum (an area linked to addictions).

"A 2012 study at the University of Rochester altered the experiment by dividing children into two groups: one group was given a broken promise

before the marshmallow test was conducted (the unreliable tester group), and the second group had a fulfilled promise before their marshmallow test (the reliable tester group). The reliable tester group waited up to four times longer (12 min) than the unreliable tester group for the second marshmallow to appear.”

If you want to see a perfect image of the torments of hell, you should study the faces of the kids who participate in the marshmallow test. To a 4-year-old mind, to make them wait for 15 minutes for something delicious is equivalent to making them wait until hell freezes over. Yet having *two* delicious things is profoundly enticing too.

A few scoff the marshmallow instantly, a third can hold out until the end, and all the rest cave in to temptation (“a bird in the hand”) at various intervals, with some unfortunates just seconds away from success.

Much of the human condition is revealed by this startlingly simple experiment. It’s all about whether you can wait or whether you must have it *now*. Can you bide your time and have your patience handsomely rewarded, or will you take whatever’s going straight away?

Tragically, children from insecure family backgrounds are much more likely to grab what’s going asap. It’s literally as if they don’t trust the word of adults and have no confidence in “jam tomorrow”. Since they don’t have any faith in the future, they inhabit the present moment – like animals. This, of course, is a tacit reflection of their thoughts on family life. They do not have any expectation of good outcomes.

Yet our whole Western capitalist culture is in fact based on snatching the treat (the delicious thing) at the first opportunity. Consider the following examples...

- 1) Capitalism – go out and consume *right now*! Mmmmmm, delicious.
- 2) Credit Cards – have that thing you want *right now*! Enjoy now, pay later.
- 3) Women – go and indulge in retail therapy and feel better *right now*!
- 4) Drugs – have a high *right now*! Crack cocaine – have a high *instantly*!

- 5) Feel better *right now* – with cigarettes, alcohol and pizza.
- 6) Politicians – we will make the world better *now* (You never hear politicians saying it will take decades – a whole generation – to fix all the problems. Meritocracy will never be what it needs to be until one whole generation has been raised under the meritocratic system.)
- 7) Capitalist bosses – “We will create *instant* returns for our shareholders.” (Complete short-termism – no future planning at all.)
- 8) Bankers – we will give our star traders a vast, life-changing bonus *now* (thus encouraging immense and irresponsible risk-taking to secure that bonus).
- 9) Scratch cards, lottery tickets – become a millionaire *now*.
- 10) Born-again Christianity – say you believe in Jesus Christ and you’ll be saved *right now*. No hanging around, no reading books, no thinking about what you’re getting into. Just do it *now*!

This is a society of the Freudian ID and Pleasure Principle. It’s all about “pressing your buttons”. Most people lust after instant gratification. Few people are prepared to wait for anything.

Just as the kids who can hold out for jam tomorrow do much better than those who must have jam today, a society that carefully plans for the future will be enormously more successful than the kind we have now.

You know who’s running our world? – kids from privileged backgrounds who gobbled the marshmallow in the first second ... and have kept doing the same ever since! They’re never going to grow out of it.

A sane society is one geared up for holding on for two marshmallows. This involves planning, confidence in the future, trust in others, having higher expectations of what’s possible, anticipating higher rewards and a more prosperous world.

An insane society is one that grabs the marshmallow right away and wolfs it down. There’s no planning, no commitment to the future, no trust in others, no working hard for higher deferred returns.

Guess what society we live in?

Meritocracy is a two marshmallow system while plutocratic capitalist democracy is all about instantly devouring one marshmallow.

The Marshmallow Test could be renamed the “Animal Test”. No animal

would ever wait for a second marshmallow. A chimp would scoff the first marshmallow then hold out its hand for a second – like most humans!

Animals have effectively zero sense of the future. They inhabit *now*. For animals, the future might as well not exist. For them, it's all about the present moment.

A rational person knows he will get double by waiting, so he does. An irrational person, consumed by desire, will take whatever's on the table. Fuck the future!

Animals are driven by their instant, base cravings. Humans are guided by their intellect, reason and ability to anticipate the future.

The marshmallow test is ingenious because it simultaneously appeals to base desires and rational planning. Those humans who are more animalistic will succumb to desire; those who are more rational will be patient.

Incredibly, the marshmallow test is actually a test of humanity itself. The more patient you are, the more *human* you are. The more of an animal you are, the more likely you are to grab the marshmallow immediately. With this test, conducted on 4-year-olds, we could literally find out how many “humans” are truly human and how many are simply animals wearing human skin.

Imagine how different the world would be if it consisted only of patient people. Yet they are outnumbered two to one by the animals. And doesn't that encapsulate our world? The beasts are running the show, not the humans.

The marshmallow test concerns instant gratification versus deferred gratification. The defining doctrine of the West, and increasingly of the East, is capitalist *instant gratification*.

We desperately need to move to a rational, meritocratic world of *deferred gratification* leading to much higher rewards.

But the ‘one marshmallow’ people will never listen ... so what ought the ‘two marshmallow’ people do to secure a better world???

Vampirism – the Religion of Vampires

We have spoken about the need for a new religion. This religion need not be anything we greatly like, admire or agree with. Its primary function is to be *popular with the masses*, so it has to engage with popular culture and switch on the kind of people who would never dream of coming to our website. It has to be a *Gangnam Style* religion, so to speak. (In fact, if a great, cheesy dance could be designed for it, so much the better!)

Star Wars produced an interesting religion based on Taoism. *The Matrix* promoted an interesting religion based on the self-sacrificing Messiah (Neo) who reveals the true nature of the Demiurge's grand deception, assisted by a sacred Anima figure (Trinity). *The Lord of the Rings* had an interesting religion centred on Elf and Wizard magic. *Groundhog Day* had a good religion – becoming a God through eternal recurrence and love of the Eternal Feminine. *Harry Potter* had a captivating religion of wizard magic. *2001, A Space Odyssey* had a fascinating sci-fi religion.

It's no mistake that these films and books worked – they all tapped into people's religious and spiritual instincts.

Well, Leibnizian mathematical soul-monads, Euler's Formula and Fourier transforms are never going to work the same magic, are they? They will always remain for the initiated only. Truth is only for the few. Esoteric religions aren't esoteric purely because they are hiding from persecution by mainstream religious fanatics; they are esoteric because only a small group of people have the capacity to understand them.

We have identified another book/movie franchise as a potential basis for a popular religion – *Twilight!* (and *Buffy the Vampire Slayer*.) “Yuk,” you may well say, but we have a trick up our sleeve. We are going to reveal how Vampirism might really be one of the oldest religions on earth, and how Vampirism, like Illuminism, has suffered from the malicious propaganda of its Abrahamic enemies. In fact, we might even hint that the Illuminati and “vampires” are one and the same thing!

Vampires have long waged a heroic war against Abrahamism, hence their revulsion (like the Knights Templar) for the Christian cross (which the Templars trampled and spat on).

Let's take you back to the ancient land of Canaan where two Gods – El (male) and Asherah (female) – ruled over a Council of Gods (much as Zeus

and Hera ruled over the Olympian Gods of ancient Greece). This was sheer paganism – *and it was the original religion of the Hebrews!!!*

A minor member of the Council of Gods – “Yahweh” – began to be favoured by a small, fanatical group of Hebrew zealots and nationalists (who styled themselves the “Chosen People”) who wanted to break free from the influence of Canaan and indeed to carve out their own territory in Canaan (the “Promised Land”).

For centuries, the Hebrews simultaneously maintained a pagan polytheistic religion and a growing monotheistic religion based on Yahweh. Frequent conflicts erupted between the two factions (hints of which are present throughout the Old Testament). Yahweh is always banging on about “idols”, false gods and false prophets.

The monotheists were finally completely triumphant after the sack of Jerusalem by the Babylonians and the enslavement of the Jewish people. Their narrative – that the Jews had incurred the wrath of Yahweh by worshipping false Gods – was finally and definitively accepted. The monotheists, the victors, then simply rewrote Jewish history to portray the Jews as always having been faithful monotheists rather than pagans. It ranks as one of the supreme lies of all time, and thus greatly befits Abrahamism, which is nothing but a lie from beginning to end.

El was merged with Yahweh, Asherah was deposed as Queen of Heaven (and became the *Shekinah*) and the Council of Gods was disbanded, with the “Gods” relegated to angelic servants of Yahweh. He now ruled strictly on his own.

A story is told in the ancient times of El and Asherah sending angels (Phosters) to supervise the development of humanity. These were the “Watchers”. Yahweh – the Devil – sent saboteur angels (Archons).

These angels, good and bad, bred with human beings and created the Nephilim. There were thus three groups on earth: angels, humans and demi-angels. Angels could live for an exceptionally long time on Earth in a mortal body (up to a thousand years); humans lived for around seventy years and demi-angels for several hundred years.

Plainly, many humans wanted to become like the Nephilim, or even the Watchers. So, three new terms entered the lexicon: the humans were known as the “dead”, the Nephilim as the “undead” and the Watchers as the “living”. Many humans longed to be converted into the “undead” and then the “living”.

Already, you can see the Mythos of the Vampire (the undead –more than mere human) starting to appear. You can also see that the good vampires – loyal to El, Asherah and pagan polytheism – would have come to be feared and demonized by Abrahamists.

Vampires II – Bigger, Better and More Blood!!!

Here's the new way to think of vampires – as *angels*. Strangely enough, the religion of angels is one that was historically extremely important but has been more or less buried by mainstream religion and pushed to the obscure margins.

Islam has turned much of angel lore into that of the jinn (genies): supernatural spirits that inhabit a kind of overlapping parallel world to ours, with Satan (Iblis, Shaitan) as the leader of the jinn. Given that Satan is a fallen angel in Judaeo-Christianity, you can see how intertwined jinn and angels are.

“According to basic Islamic teachings, God created three intelligent species: angels, jinn, and humans, of which the latter two have been granted free will to choose between good and evil.” – Wikipedia

According to this view, angels can never rebel against God because they have no free will – but jinn do and can! Jinn as evil spirits can easily be identified with traditional negative views of vampires (with Satan as the supreme vampire).

The ancient Hebrews were a nomadic tribe (much like Arab nomadic tribes that exist even today) that wandered the whole of the Middle East with their goats and sheep. Some Jews wanted to settle down and become farmers, but this was initially rejected. This conflict is symbolically described in the tale of Cain and Abel where Cain's fruit and vegetables offering (the product of farming) is rejected by Yahweh in favour of Abel's animal sacrifice (the product of the nomadic life). Later, the Jews *did* want to settle and thus needed a “Promised Land” of milk and honey.

As the Jews wandered, they of course encountered the religious beliefs of various settled peoples such as the Canaanites, and they chose to embrace most of the Canaanite pantheon. One other God they acquired on their travels was Yahweh, and, over time, he became more and more identified with the

special God of the Jews, their “patron God” so to speak, thus setting the scene for a future coup by the Yahweh loyalists to overthrow the Canaanite Gods.

The Jews of course shared the same Gods as the Canaanites because they had directly absorbed them from the Canaanites when they were on good terms, but when the Jews wanted Canaanite land, bloody war erupted (as described in the Old Testament).

The fact that El was the original supreme God of the Hebrews is actually enshrined in the very name *Isra-EL*, as it is in *Beth-EL*, *Gabri-EL*, *Rapha-El*, *Micha-EL*, and countless other places and names.

In Exodus 6:3, Yahweh actually has to explain why he was once a completely different God with a completely different name!!!

“I appeared to Abraham, to Isaac and to Jacob as God Almighty, but by my name the Lord I did not make myself fully known to them.”

Cunning, huh!? How to rewrite history, to write yourself *into* history. So, why didn’t he make himself “known”? Why does he feel the need to justify and explain himself now, and make himself *known*? Isn’t he God? This statement is clearly fabricated by a human being who is trying to reassure his audience that they believe in the same God the Jews have always believed in and not some impostor. If this is fabricated then the whole thing is, hence has nothing to do with “God”.

So, those studying Jewish religious history are always confronted with the problem of which Jewish God is actually being referred to... El or Yahweh. Also, El was frequently referred to in the plural to reflect the fact that he was the leader of a group of Gods. “Elohim” is the plural of El and Genesis 1:1 says, “In the beginning, Elohim created the earth.” – meaning a group of Gods did the work, not one!

The “angel religion” is much more closely connected to the “El” rather than “Yahweh” religion (though the latter stole a lot of it, as usual).

Solomon belonged to the El faction, which became increasingly linked to the earliest form of the Greek mystery religion of Orphism via a mysterious group called the *Dionysian (Orphic) Artificers* who designed the Temple of Solomon.

Solomon has a very ambivalent role in the Jewish Bible – being more or less described as an apostate – precisely because he was an immensely influential king yet wasn’t a Yahwehist. The Temple of Solomon wasn’t for

Yahweh at all but for the angel religion – it was where men and women could be transformed into angels (raised from the dead – resurrected in the same body!).

The Temple was designed as a microcosm of the universe, and a journey through it to the holy of holies was a journey to the centre of the divine mystery of existence.

In the entrance and middle areas of the Temple, the transition to demi-angel could be ritually enacted. The culmination of this ritual was an open mouthed kiss between the High Priest of the demi-angels and the initiate (symbolizing the transmission of the “breath of life” to the “dead”).

In the final stage of the cosmic Temple – the holy of holies itself – the High Priest of the Angels gave a blood-drawing bite on the neck to a demi-angel to symbolically represent the transmission of life-giving, transformative angelic blood to the “undead”.

We might say that stage one (human to demi-angel) involved a French kiss and stage 2 (demi-angel to full angel) involved a love bite! With the neck bite and reverence for blood, we are deep in the heart of the *vampire Mythos*! Of course, these people didn’t call themselves vampires or bloodsuckers, or anything like that, but their enemies mutated and perverted their pagan rituals to portray them as exactly that.

Vampires are said to fly – just like angels! – and are thus associated with wings (or fluttering capes, which are a wings substitute).

So, in the holy of holies, the most deserving (meritorious) demi-angels were turned into full angels: those who could “fly”. Being “raised from the dead” was about being transformed into the demi and then full angelic state. Some Christian Gnostic sects said that when Jesus Christ raised Lazarus “from the dead” he was performing the ritual to convert him into an angel. Many ordinary humans did not want to be “dead” and longed for life everlasting, so they craved being turned into angels.

What is resurrection in the common understanding? – a person coming back from the dead and rising from the grave. In other words, as a zombie ... or vampire!

Spiritually, resurrection simply meant being raised to a higher soul state. It had nothing to do with rotting corpses walking around in the *Night of the Living Dead*.

The “Angel Religion” was centred on an immensely powerful ritual that could ultimately make you an angel, that elevated your soul to the condition

of angelic divinity, that transformed mortal humans into the immortal divine. Becoming an Angel is simply the older way of talking about *becoming God* (which seemed too presumptuous for many.)

Jesus Christ said (Luke 17:21), “Neither shall they say, Lo here! or, lo there! for, behold, the kingdom of God is within you.” In fact, the *Angel* is inside you and is your intrinsic link to divinity. The Angel is your Jungian Self, your *Higher Self*. (Jung’s personal Higher Self was “Philemon”, a wise spirit guide in the form of a winged man! Socrates had his “daimon” that advised him on all important matters. Christianity talks of everyone having a “Guardian Angel”.) Your human “dead” self is your mortal ego – your terrestrial consciousness.

The “ritual of angels” is in a sense a reverse exorcism. Rather than have a “demon” expelled from you, you try to summon the “daimon” – your higher self – into you.

The tale of Faust and Mephistopheles can be read as a tale of a man being offered a chance to travel down the dark path of the “fallen angels” (the Archons).

Jesus Christ

The Jehovah’s Witnesses teach that Jesus existed as Michael the Archangel before his incarnation on earth, and became Michael again after his resurrection.

In some versions of Christian Gnosticism, “Michael” was the “Angel Name” taken by Jesus Christ when he was formally and ritually acknowledged as “one of the living”. The ritual was performed by John “the Baptist” and was portrayed as a baptismal ceremony. Baptism into the Angelic Order was in fact a minor part of the full ritual.

The name *Micha-EL* means “Who is like God”. (Some people try to add a question mark to turn the name into a question, but in fact it means exactly what it says: someone who is like God, hence is a name of extreme honour and power. It’s no mistake that God’s most loyal Archangel and the leader of his Army was called Michael.)

Christian Gnostics did not believe Jesus Christ to be God, but rather an emissary or messenger of the True God. That is, they regarded him as an *angel*! They said that the reason he hated the Temple and the Temple money changers so much was that these people were worshipping Yahweh: the precise opposite and inversion of what the Temple was intended for.

The Christian “Arian” heresy was all about Jesus Christ being a subordinate being to God – he was depicted as the first created being, the first Angel, in fact. (More or less identical to Lucifer, the Angel of Light!)

In Illuminism, Jesus Christ is an Archon, a messenger of the evil Yahweh. When his body was destroyed on the cross and he finally gave up the ghost in his tomb, he effected a mind transfer to another body (of one of his most devoted followers who was engaged in a vigil near his tomb) – which is why Mary Magdalene did not recognize him after his “resurrection” and thought he was a gardener!

There are those who say that to properly “kill” Jesus Christ, he should have been beheaded or staked through the heart with the “Spear of Destiny”.

The main function of Solomon’s Temple was to create angels, but it had a second astounding and secret purpose: to summon Yahweh to the holy of holies and kill him with the Spear of Destiny!!!! This subject forms the background of the coded novel *The Armageddon Conspiracy*.

The Temple of Solomon: where humans were made into angels in the holy of holies, where humans encountered their Higher Selves.

So, we have revealed the extraordinary ancient Religion of the Angels. The Abrahamists, in their attempts to sabotage this pagan religion, made the angels into blood-sucking, flying monsters of the dark: *vampires*. Given that Jesus Christ was a prominent Angel (Phoster or Archon depending on to whom you listen) then he himself was a *vampire*. And, of course, the Catholic doctrine of transubstantiation – in which bread and red wine are *literally* (allegedly!) transformed into the body and blood of Jesus Christ – turns Catholics into blood drinkers, i.e. *vampires*!

The Catholic Mass is an echo of part of the rituals of the ancient Angel Religion. The Protestants denied transubstantiation and their version of Christianity is extremely far from the Angel Religion, hence much more Satanic (closer to Yahweh).

The Son of God

“The phrase *bn ilm* (‘sons of the gods’) is also attested in Ugaritic texts, as is the phrase *phr bn ilm* (‘assembly of the sons of the gods’). Elsewhere in the Ugarit corpus it is suggested that the *bn ilm* were the 70 sons of Asherah and

El, who were the titular deities of the people of the known world, and their 'hieros gamos' marriage with the daughters of men gave rise to their rulers. There is evidence in 2 Samuel 7, that this may have been the case also in Israel." – Wikipedia

In other words, the "Council of Gods" consisted of El, Asherah and their children. All angels were in fact sons and daughters of God. So, when Jesus Christ referred to himself as the Son of God, he was simply identifying himself as an Angel!

"Conservative interpretations of the 'sons of God' view them as descendants of Seth [third son of Adam]. Saint Augustine subscribed to this view, based on the orations of Julius Africanus, in his book *City of God* which refer to the 'sons of God' as being descendants of Seth (or Sethites), the pure line of Adam. The 'daughters of men' are viewed as the descendants of Cain (or Cainites)." – Wikipedia

Buffy the Vampire Slayer was a phenomenally popular TV series and it had an elaborate Mythos underpinning the history of the "slayers". All of that same Mythos could be applied to hunting down "bad" vampires – Abrahamists and Goldman Sachs executives!

The Arthurian Cycle could be inserted too: Camelot as the real city of the Angels. And what about William Blake's *Golgonooza* (the city of imagination) as an even higher Camelot?

MC: "The mythos aspect of a Vampire Religion is already in place in the minds of many young people. What will be the praxis? This is the difficult bit. *Entered Vampire, Fellow Undead and Living Master*; they will expect degrees and rites of passage, acquisition of special powers and swords to wield. 'Difficult it is the butterfly of youth to catch.' – Yoda."

Indeed! Create your own rituals and grades of initiation.

The game is this ... people are looking for *permission* to do the things they love and to think it's good for them. Capitalism gave people permission to indulge themselves, hence its success. We need a self-perpetuating, viral capitalist religious vector that sweeps the world and let's people indulge all of their absurd obsessions with the fantasy and spirit world while serving the much higher end of *destroying Abrahamism*.

The Christians hated Harry Potter and his pagan wizardry ("Thou shalt not suffer a witch to live."), which immediately makes *Harry Potter* a *great* book

series. The world cannot change until first Abrahamism and then capitalism falls. Ideas leading to praxis will destroy them. Ideas on their own are powerless. They must impact the actual world, and that means that “truth” cannot be their focus since truth, for most people, is *boring!!!* They want Mythos, not Logos, so let’s give them it!

“*Theosis* (‘deification,’ ‘divinization’) is the process of a worshiper becoming free of *hamartía* (‘missing the mark’), being united with God, beginning in this life and later consummated in bodily resurrection. For Orthodox Christians, *Théōsis* is salvation. *Théōsis* assumes that humans from the beginning are made to share in the Life or Nature of the all-Holy Trinity. Therefore, an infant or an adult worshiper is saved from the state of unholiness (*hamartía* — which is not to be confused with *hamártēma* “sin”) for participation in the Life (*zōé*, not simply *bíos*) of the Trinity — which is everlasting. This is not to be confused with the heretical (apothéōsis) — “Deification in God’s Essence”, which is imparticipable.” – Wikipedia

Apotheosis: the fact or action of becoming or making into a god; deification. Roman emperors were said to undergo apotheosis at death, as was the great hero Hercules.

With *apotheosis*, you become God, and equal to any other God. With *theosis*, you become divine *through* God, hence you remain wholly subordinate to him and dependent on him. You are not an autonomous God. This is a crucial distinction. *Apotheosis* is about a community of *equal* Gods (a Round Table) while *theosis* is about a strict pyramidal hierarchy of *unequal* “gods” with “God” firmly at the top, as the only *actual* God.

A Cartoon Religion?

Another great religion would be one based on cartoon characters. People could have endless creative fun mixing and matching different cartoon characters – let’s bring *South Park*, *American Dad*, *Family Guy*, *The Simpsons*, endless *Disney* cartoons, and so on, into a single multi-dimensional cartoon space – a holy animated space!

The supreme cartoon religion would of course be *South Park*, with Cartman as “God” (or the Devil!). Is Cartman the supreme representation of a human being (what we actually are rather than what we would like to imagine

ourselves to be?)

The Story

What is the Bible? Just a bunch of stories about Jews which people use to talk about different aspects of life. These stories can easily be replaced with better and more relevant ones. The Bible is also underpinned by a fanatical and deranged assertion that it's somehow divinely true and that the fate of your eternal "soul" depends on it. This is the concept that *must* be annihilated.

In Europe, Christianity is functionally dead. It's a zombie, to which no one pays much attention anymore. The only problem is that it hasn't been officially killed off. It remains part of cultural discourse and continues to define key institutions of State. Every year, we are treated to the absurdities of Christmas and Easter – the ultimate marketing exercises. All of this needs to end. Saturnalia should replace Christmas and Beltane Easter.

The elite are desperate to hang on to the trappings of Christianity because it helps to define and justify their power. It all has to go.

Christianity must have a grave dug for it and be officially buried. But a vacuum is no good. It must be officially *replaced*.

Abrahamism is all about telling people to obey. It must be replaced by a religion that encourages people to create, to grow and develop, to become the best they can be. Engaging people's creativity is the key. The new religion must have no connection with obeying and control.

The only truly important thing about a new religion is that it should lethally undermine Abrahamism. In Europe, Abrahamism, is close to its final breath. One more push should get rid of it. New Ageism isn't nearly popular enough – it's for hippies. The new religion should be for people who consume media and popular culture and don't give a fuck about hippies. Cartman in *South Park* hates hippies. Quite right, Eric!

The simple fact is that the Illuminati cannot break through in this day and age because we are too far removed from the world of ordinary people. As we have said, this is a *Gangnam Style* world and it needs those tactics to create anything that has any hope of making an impact. We are as far removed from the mainstream as M-theorists – and that's as far as it's possible to be.

Mythos is the only way to reach the masses. So, let's give them Mythos. The dialectic will ensure that, in due course, this will become a Logos world. But we are where we are and we have to do the best we can in unfavourable

circumstances.

It's a magnificent challenge – *for heroes*. Become a hero. Change the world!

It's time for the Angel Religion – *become an angel!*

The Angel Religion

We can talk of “day” and “night” angels. During the day, the angel is one of light and reason. S/he is an Apollonian angel. S/he is the Freudian Superego and Ego, obeying the Morality and Reality principles. At night, the angel becomes one of darkness and unreason. S/he is a Dionysian angel. S/he is the Freudian Id, intent on *fun*, on the Pleasure principle.

So, the Angel religion allows us to explore our Freudian aspects, our Apollonian and Dionysian sides, our Jungian Ego and Self axis. It’s therefore extremely psychologically healthy.

We can also throw in the *Hero Monomyth* (the heroic journey to angeldom) and present “superheroes” as angel archetypes (allowing the “worship” of superheroes by those who are that way inclined).

The Angel Religion is of course pagan and anti-monotheist. It has male and female couple as its Gods (El and Asherah, or, in Illuminist terms, Abraxas and Lucifer). The religion has a wicked antagonist = Satan = Yahweh = Allah.

Depending on taste, Jesus Christ can be regarded as the highest angel of El and Asherah (“good” Jesus), or of the Yahweh Devil (“evil” Jesus). Tactically, it’s probably best to endorse “good” Jesus, as that will appeal more to existing Christians.

Here we have a religion that tunes into popular culture via angels and vampires, that’s highly psychological (encouraging the study of Freud and Jung), that resurrects the great dialectical Gods Apollo and Dionysus, that’s all about making contact with the Higher Self and becoming as self-actualized as possible, and has monotheistic fanaticism as its sworn enemy.

It might have a number of theological drawbacks but it’s an enormous improvement over Abrahamism, and a world that subscribed to the Angel Religion would be a vastly better place.

Of course, having the idea is one thing, but it’s all pie-in-the-sky unless it goes viral and is “physicalized” (i.e. members of the Angel Religion can be seen out in the streets, in angel costumes, in Angel “Churches”, performing Angel rituals, and so on).

Ultimately, it’s not ideas that count, but success at transmitting ideas. Abrahamism is a classic example of a disastrous idea with stunningly powerful transmission capability. Now we need a much better idea with the

same sort of viral power. Can we become a world of “better angels”?

“We are not enemies, but friends. We must not be enemies. Though passion may have strained, it must not break our bonds of affection. The mystic chords of memory will swell when again touched, as surely they will be, by the better angels of our nature.” – Abraham Lincoln

The Simple Truth

1) Everything that has a beginning has an end.

2) Everything that does not have a beginning does not have an end.

Monads do not have a beginning – they are uncreated, uncaused causes – hence do not have an end. They are *immortal*.

Copies without Originals

Baudrillard’s *hyperreality* is based on fact and fiction no longer being separable. People can’t distinguish reality from fantasy. The simulation of reality has become so “real” (in fact, better than real – *hyperreal*) that we are more attracted to the simulation of reality than the reality the simulation was once based on. As time goes on, simulations no longer simulate reality but merely previous simulations, at which point reality has completely dissolved. You end up with a world of “copies without originals”.

Hollywood, TV shows, the media, magazines, the internet, celebrity culture ... they’re all devoted to hyperreality. They never show anything that might pass for reality, only the most extreme things going on in the world. We see the super rich, the super beautiful, the super winners, the super freaks, the super funny, the super confident, the super arrogant, the super extravert, the super pushy. If it’s not “super” or “hyper”, no one’s interested. It’s a yawn.

Once you’ve gone down the hyperreal road, there’s no way back. Humanity has already passed the point of no return (to reality).

Ancestors

In a reincarnational world, we are our own ancestors! Our ancestors are just earlier reincarnations of ourselves. And our descendants will be us in due course too.

The End of Men?

Nothing happens by accident. Ideas succeed because they appeal to people, because they reflect human nature, because they are useful to the elite. There's no mechanism to ensure that "good" ideas succeed, that truth beats deceit, that quality prospers. Much of human history is simply about the unstoppable march of *bad ideas*.

It's all very well bemoaning the quality of the human race, but sorrowfully shaking your head isn't going to make anything better, is it? The smart people – if they want a smarter world – have to be smart enough to beat the manipulators of the masses at their own game. No matter how beautiful and wondrous Euler's Formula is, it will take a geological time span before it's appreciated by the average person.

These are the harsh facts of life:

- 1) You cannot use truth in a society immersed in lies, delusion and fantasy and Baudrillardian hyperreality.
- 2) You cannot use Logos in an entrenched Mythos society.
- 3) You cannot use rationality to combat irrationality.
- 4) You cannot use reason to beat faith.
- 5) Intuitives cannot persuade sensing types.
- 6) Thinkers cannot persuade feeling types.
- 7) Introverts cannot persuade extraverts.
- 8) Left wingers cannot persuade right wingers.
- 9) To combat a story world, you must use story.

There are those who point to the value of New Age and hippie thinking. Sure, they have produced many great things but one thing they have not done is change the world for the better. The people who are in charge *now* are from the hippie generation or are the children of that generation. Whether or not they embraced New Ageism, they have still been influenced by it. New Age thinking has had five good, high profile decades to make a difference – it has failed. *Fact*. If anything, it has actively strengthened free market capitalism, predatory capitalism and globalism.

In one of Adam Curtis's brilliant documentaries, he demonstrated how New Age "self-expression" has become the *primary engine* of free-market capitalism! Capitalists quickly realized that people could most easily "express themselves" through *objects*: clothes, watches, gadgets, cars, houses, furniture, what food they buy in a supermarket, what wines they drink, what holidays they go on, and so on.

Thanks to New Ageism, objects have become fetishized to an extraordinary degree. People used to be killed for their training shoes such as the worship of "brand". The soul-destroying *status* wars are conducted through objects. Everyone craves high status goods and sneers at those with low status objects.

New Age self-expression was supposed to free us from capitalist objectification but, instead, people now express themselves almost wholly through the capitalist objects and services they choose to buy. Talk about the law of unintended consequences. The fact is that most New Age thinking is admirably idealist (and right in much of what it says) but also hopelessly impractical and naive. Its problems are exacerbated by what it's up against – the monster of capitalism.

Capitalism has no morality, no standards, no shame, no inhibitions, no brakes. It feasts on hypocrisy. It couldn't care less. Capitalism is a beast that is interested in only one thing – *profit* – and it has no qualms whatsoever about how to make it. Nothing is too degraded or despicable for capitalism. If selling grandmothers were profitable, capitalists wouldn't hesitate. In America, if you fall sick, your credit card is much more important than your illness. If you can't pay for a cure then you stay ill! The British National Health Service is decried as Marxist by American right wingers – but anyone falling ill in Britain just goes straight to a doctor and gets treated, credit card or no credit card. Any civilized State would have two essential foundations: free education and free health care. In America, education and health are designed for the benefit of the privileged elite, and anyone who complains is branded a communist and "enemy of liberty".

Free-market capitalism is the true Terminator. You can't reason or negotiate with it. You must destroy it or be destroyed by it. Free-market capitalism is what gives the elite their power and wealth. Via democracy, they have hard-wired it into the political process. By constantly appealing to "freedom, choice and self-expression", they have made any attack on capitalism and markets seem totalitarian.

Abrahamism ought to be the deadliest enemy of capitalism on “moral” grounds (and Islam is in fact often anti-capitalist), but Judaeo-Christianity works seamlessly with free-market capitalism, and has inverted its professed morality to accommodate it. (Christianity, if Jesus Christ’s attacks on the rich are taken at face value, is essentially spiritual communism.) Of course, Abrahamism and free-market capitalism both enshrine the master-slave dialectic, hence are natural allies at the deepest psychological level.

When capitalism absorbed New Age anti-capitalism without breaking its stride (and in fact while massively increasing its profits), it was the uttermost disaster for the anti-capitalist forces. Look at *Facebook*. A billion people, in pursuit of “self-expression”, have made their own thoughts, feelings and photos a capitalist commodity that has turned Mark Zuckerberg into a multi-billionaire. The greatest capitalist fortunes are now made by pandering to self-expression, communication, networking, and being “yourself”.

The rise of anarchism and libertarianism is essentially a political expression, and celebration, of the ideology of “free markets” – get rid of government and let markets handle everything in the name of “freedom, choice and self-expression”.

Celebrity culture is hard-wired to capitalism, and what is more seductive to the ordinary person than a “star”?

Conspiracy theories are just another expression of free market capitalism and the Protestant contempt for “experts”. Conspiracy theories are big business. The gurus make a fortune out of their crazy ideas – the crazier the better. It’s just an offshoot of the entertainment business.

Free-market capitalism can be regarded as secular Abrahamism. Money replaces “God”; having lots of money is to be in heaven and to be poor is to be in hell. The super rich become the new prophets, popes and messiahs. Celebrities are saints to be prayed to. Shopping malls are the new synagogues and cathedrals. All of the main master-slave tropes can easily be transferred between capitalism and Abrahamism. They drink from the same spring in terms of their core psychological elements.

Free-market capitalism goes hand in hand with the rise of the “Protestant” – someone who imagines he is an expert in everything because he has read some stuff on the internet and watched a few YouTube movies, and who has absolute contempt for expertise and genuine merit (because, as he sees it, he can only be disadvantaged by the superior skill and knowledge of others).

Free-market capitalism has got everything under control. Even after

failing disastrously in 2008, it survived because there was nothing standing in the wings to replace it. It has brilliantly covered every base. It assimilates everything that opposes it. Che Guevara was literally transformed into a capitalist poster boy rather than an anti-capitalist revolutionary. How can you beat something like that?

The New Agers, hippies, anarchists, libertarians and conspiracy theorists have all helped to undermine the self-proclaimed morality and integrity of the ruling elites and institutions. We have thus reached the end of deference. The rulers are frequently held in contempt. They are deemed to be fake, on the take and on the make. Yet this has not brought about their overthrow.

There was once a doctrine called *noblesse oblige* (“nobility obliges”), which stated that to whom much is given, much is expected. The “nobility” were expected to devote many years to public service. All of this has vanished. The rich now have contempt for public service. Public service itself (the “public sector”) is held in contempt by capitalists and libertarians. They want to replace everything with amoral markets. “Looking after No. 1” is now the paramount doctrine of the world. The rich are getting as rich as they were in the days of unrestrained capitalism (which provoked the communist backlash). Many multinational corporations now have no intention of paying tax. They create elaborate chains of companies in different parts of the world (especially in offshore tax havens), with the explicit purpose of avoiding tax. Corporations dictate to nations. The tail is wagging the dog. Who ever said that CEOs should decide taxation policy? Who elected *them*?

Much of Jewish Wall Street has no connection with the real economy and is all about money by itself – about casino banking where huge bets are placed on the movements of money. “Jewish” capitalism is based on usury and financial manipulation: making money from money.

The only acceptable version of capitalism is the one that exists to support the people and the State, to be used for investment, to increase employment, and so on. It must be directly coupled to the economy and is justified only in that context.

Jewish-Masonic capitalists engage in predatory capitalism, which serves no useful function, is detached from the real economy, promotes the interests of the rich at all times and directly harms the interests of the people. This is the version of capitalism that must be obliterated.

The other version of capitalism is more or less what we call “social” capitalism – it’s there to serve the economy and the people.

So, how do we kill off Wall Street capitalism – based on private Jewish-Masonic banks – and replace it with Main Street capitalism, run by meritocrats accountable to the people (and who can be fired, without compensation, by the people if they prove incompetent)?

In essence, the game is to remove all of the wealth, power and influence of the predatory capitalists and make predatory capitalism and usury illegal. People such as private landlords must be put out of business for good. These people are getting others to pay their mortgage. Should anyone be allowed to have multiple properties in a world where there's a great shortage of decent property?

“Communist” China operates a form of capitalism (“national socialism”) like that of Nazi Germany. No private individuals or banks are allowed to dictate to the Communist Party; people are allowed to get rich, but on the State's terms. (Unfortunately, behind the scenes, there's a great deal of bribery, corruption and predatory capitalism going on in China, and it will only get worse.)

Given the incredible power of free market capitalism, how can it be undermined? What does the *dialectic* say? Well, communism was the last great attempt to dent capitalism, and failed. What new dialectical approach can be tried?

Free-market capitalism is a master-slave doctrine that's highly masculine, idist (based on the Freudian id) and patriarchal. What's needed is a communitarian, feminine (and feminist), superego and matriarchal response. Women are much more likely to support creative capitalism over predatory capitalism (the vast majority of predatory capitalists and its advocates are of course rich men).

How about Hanna Rosin's book *The End of Men and the Rise of Women* as the Holy Bible of a new religion for women?

The Angel Religion; the Luciferian Revolution; the Rise of Women

Who are the main drivers of social networking? Teenage girls. Who are the biggest fans of *Twilight*? Teenage girls. Who are the biggest fans of *Harry Potter*? Teenage girls. Who are the biggest fans of *The Hunger Games*? Teenage girls. Who are the biggest fans of *Lady Gaga*, *Rihanna* and *Beyonce*? Teenage girls. Who are the biggest fans of angels? Teenage girls. So, here's a challenge for the intelligentsia... construct a meme that will be transmitted relentlessly by teenage girls.

Why was *Gangnam Style* so successful? Because it featured an amusing, simple dance that teenage girls copied “religiously”, then tweeted about in enormous numbers. Viral transmission is *enormously* magnified if it can be “physicalized” via a copyable dance, costume, or image, or is accompanied by a catchy song, or popular book.

Why won't the religion of Euler's Formula ever succeed in this world of ours? Because teenage girls would rather *die* than tweet about it. And you can't dance to it. Even Nietzsche said he wouldn't believe in a God who didn't know how to dance!

The *Spice Girls* were extremely successful with their doctrine of “girl power” (teenage girls loved it), their aspirational song *Wannabe*, and the fact that girls could choose to identify with “Sporty Spice”, “Posh Spice”, “Scary Spice”, “Baby Spice” or “Ginger Spice”, i.e. every type of girl could be accommodated (well, apart from girls like *Hypatia*!).

What are the primary features of average teenage girls? – hyper emotionalism; hyper romanticism; hyper other-directedness; hyper fashion interest; hyper image obsession; hyper bodyshape neurosis; hyper need for validation. Teenage girls, like teenage boys, are more or less *insane*; in thrall to overpowering hormonal surges and a desperate need to “fit in”.

The trick to viral meme transmission is knowing how to speak the “language” of the teenage hysteric. *Twilight* perfectly captured the teenage girl's desire to have a “special” boyfriend – handsome but a bit dangerous, a bit unusual, a bit of a rebel, and, above all, an absolute romantic who would do anything for his girlfriend. Lady Gaga also captures most of the teenage female mentality. Imagine explaining Fourier transforms to Lady Gaga or

Kristen Stewart's character in *Twilight*. Ho, ho, ho.

Intellectuals who think that trying to formulate a message that engages with teenage girls is beneath their dignity or is "trivial and irrelevant" are out-of-touch snobs. An intellectual can turn his mind to anything, and ought to be interested in any daunting challenge.

The plan is to create an Angel Religion of the "Goddess" with Lucifer, the female Angel of Light, as the supreme deity of the pantheon. (This challenges the patriarchy of Abrahamism, and, it restores the name of "Lucifer" to its rightful, benevolent status, while being highly provocative to Abrahamists.)

The Goddess is also named Venus/Aphrodite: goddess of love and sex.

The religion, like the *Spice Girls*, has a role for every girl or woman: The Daughter, The Sister, The Mother, The Stepmother, The Best Friend, The Princess, The Queen, The Virgin, The Whore, The Witch, The Vampire, The Huntress (Diana), The Oracle (the Pythia), The Priestess, The Dominatrix, The Goddess, Wisdom (Sophia), Light, Love, Community. Hypatia is the intellectual inspiration of the religion.

The religion has a special male God: Dionysus, the Party God, the God of intoxication. When women worship him they become *Maenads* and abandon every constraint and all standards of decency.

This is intended to be a religion that empowers women and shatters patriarchy. It needs to scandalize Christian men, who must denounce it as the "work of the Devil". Someone suggested a Dominatrix religion and that can certainly be part of it.

Men brought the world to where it is now; women need to lead it out. Later, men and women can be equalized, but now is now. Under the leadership of women, predatory capitalism will fall (since it's very much a testosterone-driven enterprise).

So, a catchy song and simple dance step are needed for the new religion. A sexy image is needed, good make-up and an attractive, fashionable costume. A priestess is required to perform the rites of Dionysus. We need the rebirth of the witches' coven and the Sisterhood of Maenads. We need the restoration of "temple prostitution" where women offered up a sexual encounter with a complete stranger to the Goddess on the temple precincts (imagine that happening in every Christian Fundamentalist and Amish church!). We need the Sorority model of American universities to be revamped and applied throughout society. We need to horrify the Christian right and instigate a moral crisis. We need women to start taking the jobs of

rich men.

Well, can it be done? Is there enough creativity and imagination to make it happen? It's all very well talking the talk, but what the world needs are those who walk the walk. *Twilight* cracked the code and so did *Fifty Shades of Grey* (which began life as *Twilight* fan fiction! – nearly all fan fiction is written by women). Both books are about sex from the *hyper-romantic* female perspective (involving complete submission to divine, utterly loving men), so this type of improbable sexual relationship is clearly a primary vector of meme transmission. Who is bold and clever enough to work out a new angle on sex that will sweep the world as *Fifty Shades* did – but in the form of a religion that combats Abrahamism?

The dialectic *demands* that women be given the chance to run the world as the antithesis to the male thesis. Only then can we proceed to the final male-female synthesis of equal opportunities.

The Critics

We get people posting sneering, negative remarks on our Facebook page, saying how none of what we propose will ever succeed ... and why don't we do things *their* way (which usually involves launching a TV station, or repeating strategies that have been tried many times without success over the last fifty years). Well, any plan certainly won't succeed with carping critics like those hanging around. As the ancient Chinese proverb says, "Those who say it cannot be done should not interrupt the person doing it."

What is required is a group of people who are not just smart but also know how to tune into popular culture and re-direct it to radically subversive ends. *Harry Potter* was a fascinating case because it was castigated by many Christians for promoting magic and witchcraft. Straight away, then, an idea suggests itself – namely, Harry Potter turning directly and explicitly against Christianity, with Harry Potter mocking the "magic" of Jesus Christ. Children intoxicated by Hogwarts would rather abandon boring old Christianity than abandon Harry Potter.

Euler's Formula won't cast down Christ, but Harry Potter and vampires might. If you haven't grasped what type of world we're living in – one ruled by Mythos fantasies rather than any kind of Logos – then there's no hope for you.

To destroy Mythos, we must use Mythos – because that's the only language people understand. Solving *that* problem is every bit as daunting as

anything in M-theory.

More and more, we see the impossibility of any kind of crowdsourcing working for anything important. Ultimately, the only people who make a difference are specific individuals – the ones capable of getting off their ass and doing something incredibly creative. Those are the only people to whom we have anything to say. What do the rest matter? They are *irrelevant*.

People live in a fantasy world, believing themselves great, heroic beings who live significant lives. Sorry, that's just not true. Most people are "dead" long before their actual death.

Having and executing just *one* good, creative, original idea is far beyond most people's capabilities.

There are enormous numbers of people out there just *waiting*. *Twilight*, *Harry Potter*, *Star Wars* and *Lord of the Rings* fans will lap up any new idea that allows them to express – in real life – the high they get from the fictional worlds they love. Judaism, Christianity and Islam are ripe for overthrow. The latest census figures in the UK showed that Britain is about ten years away from being officially non-Christian. All that's required is *one* good idea about a new religion – and then plugging it into the existing popularity base of all the fantasy fans. Yet just one good idea requires a genius, and genius is the rarest commodity on earth.

Hitler and Jehovah

“Upon this a question arises: whether it be better to be loved than feared or feared than loved? It may be answered that one should wish to be both, but, because it is difficult to unite them in one person, it is much safer to be feared than loved, when, of the two, either must be dispensed with. Because this is to be asserted in general of men, that they are ungrateful, fickle, false, cowardly, covetous, and as long as you succeed they are yours entirely; they will offer you their blood, property, life and children, as is said above, when the need is far distant; but when it approaches they turn against you. And that prince who, relying entirely on their promises, has neglected other precautions, is ruined; because friendships that are obtained by payments, and not by greatness or nobility of mind, may indeed be earned, but they are not secured, and in time of need cannot be relied upon; and men have less scruple in offending one who is beloved than one who is feared, for love is preserved by the link of obligation which, owing to the baseness of men, is broken at every opportunity for their advantage; but fear preserves you by a dread of punishment which never fails.” – Machiavelli

There are endless parallels between Hitler and Jehovah, the Nazis and the Jews. The Nazis simply did to the Jews what the Jews did to everyone else (and dreamt of doing to everyone else) in the Bible. At the Wailing Wall, the Jews offer up their worship to a God of Extermination, who wiped out the whole human race bar Noah and seven members of his family. Well, if you worship a God who exterminates others, don't be surprised when a new God comes along who wants to exterminate you. You can't complain, can you?! You have lived by the sword, and now you will die by it. Isn't that what it says in the Bible?

By the end of the Battle of Kursk in the Soviet Union in 1943, Germany had definitely lost WWII, so why did it fight on fanatically for two more years, at the cost of millions of German lives? Why didn't the Germans get rid of Hitler and the Nazis? There are two reasons:

- 1) They were in absolute thrall to Hitler and viewed him, effectively, as their God (with the Nazi Party as his high priests and divine interpreters).
- 2) They were *terrified* of him.

This is the same paradoxical mix that sustains Jehovah: love and terror, a

desperate desire to please him, matched by an equal desire not to incur his wrath. Once people simultaneously love and fear you, you've got it made. Machiavelli said it was better to be feared than loved, but best of all is to be feared *and* loved – like Jehovah and Hitler.

So, it took the death of Hitler before Germany could finally surrender, which it did within days (while the Nazi leaders made good their escapes to Northwest Germany where they would receive better treatment).

In 586 BCE, the Jews were crushed by the Babylonians, Jerusalem was sacked, the Temple of Solomon razed and the people led off to slavery. Logically, this should have spelled the absolute end for Judaism and its God. After all, Yahweh had been categorically defeated. Reason dictated that the Babylonian gods were more powerful and truer, but when has reason ever counted in religion?

Two things can happen in such a situation:

- 1) the people admit the truth and abandon their religion and identity.
- 2) the people go into extreme denial and reach the *opposite* conclusion to the one that rationally offers itself. Thus the Jews concluded that Yahweh wasn't defeated but had left them to be defeated because they had not worshipped him properly.

The second option leads to extreme reassertion of the *fundamentals*. The Jews lost to the Babylonians because, they concluded, they weren't Jewish *enough*. So, the Jews returned from their Babylonian Captivity as fanatical Yahwehists ... and utterly insane. Having become perfect Jews, the Jews were then of course conquered by the Macedonians and Greeks, and then by the Romans. The Romans, like the Babylonians, destroyed Jerusalem and obliterated the Temple, then expelled the Jews from Palestine entirely. Yet again, Yahweh had been defeated and humiliated. Millennia later, the Nazis rounded up a third to a half of all the Jews in the world and exterminated them.

How *can* Judaism continue to survive when its God – who styles himself the God of the whole universe that can exterminate his enemies in a flash – keeps being vanquished and mocked? It's now just a matter of sheer perversity. The Jews go on believing because that defines their identity and they're far too stupid to leave behind a catastrophically failed and false identity. The Jews are a joke. The Jewish God doesn't exist and if he did, he certainly isn't looking after the Jews. They did everything he demanded of

them – and more – and still he raised not one finger to help them against the Nazis. It was the atheist Soviets who defeated Nazi Germany.

Similarly, the retarded Muslims bend over backwards for Allah (he couldn't ask anything more of them) and still they get their asses whipped by the infidels. What the point of Jehovah and Allah given that they keep losing? And why are the Christians best at war given that Jesus Christ is allegedly the God of love and peace. What a world!

In 1945, Nazism was officially refuted since Hitler was dead and Nazi Germany in ruins. But imagine if Hitler were an unseen God (like Yahweh), the Nazi Party his high priesthood, and the Reich Chancellery his Temple. The Nazis, like the Jews before them with Yahweh, would have proclaimed that the Nazis lost because they weren't Nazi *enough*, that they had displeased Hitler and that he had abandoned them to their fate. And they would still be Nazis today.

Having a dead body makes all the difference. Hitler was refuted because his corpse refuted him. Yahweh, for the Jews, wasn't refuted because there was no corpse of Yahweh (and of course there never can be, so Judaism can never be refuted).

The Jews were great fans of the scapegoat that took away the sins of Israel and was slaughtered. Ironically, the Jews turned themselves into a scapegoat – for Jehovah. They took away his sins ... and were slaughtered. Well, they can't complain! If it was good enough for the scapegoat, it was good enough for them.

But Hitler isn't "dead", is he? He lives on. He still has many admirers all over the world, even in the former Soviet Union. His death didn't kill his ideology.

If Hitler's corpse couldn't refute Nazism, how could Yahweh's lack of a corpse refute Judaism? Once people have invested their identity in something, they cling to it no matter what. To do otherwise is to symbolically kill themselves, to negate themselves, to become *nothing*. What is a Jew without Yahweh? A vacuum, a non-person, a person with no identity at all. What is a Muslim without Allah or a Christian without Christ? These people cannot endure themselves. They cannot construct their own identity, so they allow it to be constructed for them. They are pathetic. They're barely human at all. More like dogs running, barking, alongside their master.

Jews go on being Jews purely because they have nowhere else to go. They would rather be Jews and believe a lie than be non-Jews and accept the truth.

What is a Jew without his Jewishness? Even non-religious Jews are still utterly Jewish. They refuse not to be. A Jew cannot exist without his Jewishness. It's the most important thing he has, indeed the only thing he has. What does he care if it's 100% false? The Jews are like Cypher in *The Matrix*. They know the "steak" is completely fake, but it has never tasted so good!

Faking It

MA: "American culture is about faking it. We have a culture of co-option, and in light of that, even the best of us is in a culture of constant fakery. As such, it seems to me that individuals, even at times feeling the misery of the nature of such a culture, instead of opposing this lack of authenticity, seek instead to outdo it."

Yes, if you can't beat fakeness and inauthenticity why not become even more fake and inauthentic? That's what Baudrillard's hyperreality is all about. America has become so fake and inauthentic – like an immense black hole of total fraud and phoniness – that reality no longer has the escape velocity to break free.

Accountability

It's time that Catholics, Christians in general, Jews and Muslims were held to account for their insane beliefs. They talk about life but they are death cults and are focused not on this world but the next (hence they don't care what happens here). Surely the human race should be intent on making *this world* paradise? What kind of people are we if we don't want to build heaven on earth? Doesn't that mean that we are prepared to live in hell, that we refuse to combat the evil powers that rule our world? Why should we "render unto Caesar" when we can get rid of Caesar?

If we want to become Gods in the future, we had better start being Gods now by creating our own Eden (why do we need "God"?). Of course, Abrahamists regard it as the supreme blasphemy for human beings to aspire to personal divinity and to make their own paradise. And we regard it as the supreme insult to humanity that people should not wish to be *perfect*. To worship perfection in the shape of "God", as Abrahamists do, but not wish to be perfect yourself is perverse. Even an atheist such as Nietzsche saw the need for the human spirit to be engaged in the pursuit of perfection (with his

concept of the “Superman”).

What Wilt Thou Do?

“Do what *thou wilt* shall be the whole of the law.” – Aleister Crowley

“Do what *I wilt* shall be the whole of the law.” – Jehovah

Well, are you going to be God’s slave, always obeying his orders, or your own master, freely doing what you choose?

God’s “Love”

“God loves you. ... Jesus Christ created you and gave you a choice of eternal life or eternal damnation.”

Well, thanks for that choice. Couldn’t you have left out the eternal damnation part, you fucking cunt?! A “loving” God, my ass! What kind of loving God torments people in a cosmic torture chamber? Is Jesus Christ the ultimate serial killer and psychopathic torturer?

What is God’s “Law”? It’s “My way or hell! – *choose!*” This is what Chairman Mao said, what Hitler said, what Franco said, what Mussolini said, what Stalin said, what Pol Pot said ... what every dictator in history has said. “God” is simply the cosmic dictator. He “loves” you if obey his every order without question (even if he orders you, like Abraham, to murder your children to prove your mindless obedience), and if you don’t do what he wants, he calls you “evil” and tortures you for eternity.

How sick would you have to be to worship this insane, tyrannical Torture God? Abrahamism has nothing to do with religion and morality; it’s about absolute control, obedience and dictatorship.

Abrahamism was created by the lust that slaves have for an ultimate, “perfect” master who rewards those who do his bidding and punishes (to the extremest degree) those who don’t. It’s the opposite of freedom. It’s all about a natural-born slave’s conception of how the universe works. A slave cannot imagine the universe without a tyrant master who holds the power of life and death in his hands.

To those of us who aren’t slaves, and can easily imagine a universe without a psychopathic tyrant (Demiurge) at its core, Abrahamism is a product of mental illness and absolute fear of life, and of taking responsibility for one’s own existence.

Commenting

Most people are scared of posting a comment on a “serious” website or Facebook page for fear of being out of their depth and looking foolish, so few comments appear.

No one is scared of posting a comment on something to do with celebrity culture. OMG! So, celebrity sites are full of comments, energy, life, opinion, debate, action – while intellectual sites are as dead as cathedrals.

The Difference between Multiculturalism and Multi-faceted Monoculture

America has Irish Americans, Italian Americans, Latino Americans, Chinese Americans, Native Americans, African Americans, Jewish Americans, Polish Americans, and so on. They are all Americans, but with their own cultural qualification of that status and a unique identity. Note that in the term “Irish American”, *Irish* is a qualifier of the defining category “American”. America is a multi-faceted, healthy, dynamic *monoculture*.

In Britain, you have British English, British Scots, British Welsh, British Northern Irish, British Pakistanis, British Muslims, British Jews, British Hindus, British Sikhs, and so on. Note that in the term “British Pakistani”, *British* is a qualifier of the defining category “Pakistani”. Britain is a *multicultural* nation, not a multi-faceted monoculture. British Pakistanis live in Britain (and to that extent are “British”), but their identity and loyalties are all owed to their mother country of Pakistan. Logically, these people ought to go back to Pakistan.

Britain is made up of a patchwork of tribes with no common identity and culture, who often hate each other and live as separate lives as possible. Multiculturalists describe this as “vibrant and healthy”. In fact, it’s a catastrophe. It means that “Britain” doesn’t exist. Just as it once colonized large parts of the world, Britain itself is now colonized and consists of many separate colonies (cultures) on the same small island. What goes around comes around!

Britain has died. It’s now a kind of “hotel nation” where people turn up for various reasons, but have no intention of leaving behind the culture of their home country. These people show absolute contempt for British culture (as it once was), British values, British history and the whole concept of Britishness.

Any nation that embraces multiculturalism – cultural apartheid – is a racist, failed State that has already died.

The European Disunion

The Europe of the Middle Ages was far more integrated than modern Europe. The whole continent belonged to a single religion (Catholicism), looked to a single source for spiritual guidance and authority (the Pope), shared the same language (Latin, amongst the educated elite, at any rate), looked to a common classical heritage (Greece and Rome), and embarked on joint military operations (Crusades).

Why doesn't a single contemporary European leader have the guts, in the name of an "ever closer union", to propose that everyone in Europe should speak a common language (probably English)?

A single currency – the Euro – won't bring Europe together. A single language will, yet such is the pathetic nationalism of the leading nations that not one would ever have the vision to call for one language for the whole of Europe.

If Europeans embraced one language and one European culture, Europe would be the greatest power on earth. It could restore the glories of the Roman Empire. There are far too many xenophobic "little Englanders" in Europe and not nearly enough visionaries such as Charlemagne, the great Franco-German hero who united much of Europe.

Science and the Unconscious

Science regards the mind as a by-product – an *epiphenomenon* – of matter. That is, you cannot have mind without first having matter. So, how does science explain the fact we have both a conscious mind *and* an unconscious mind? How can you have *two* epiphenomenal versions of the mind, one conscious and one unconscious? Why not have total consciousness or total unconsciousness? And what, epiphenomenally, is the difference between consciousness and the unconscious?

How do different atomic arrangements produce “conscious” mind rather than “unconscious” mind? If science is right then there must be a specific material arrangement and interaction of atoms that leads to consciousness rather than the unconscious mind. However, both consciousness and the unconscious, being epiphenomena, can have no causal efficacy. A body does not require either of these to function since a body is just going to do whatever the forces acting on it cause it to do, which has no connection with mental activity.

The mind is pointless in materialism. Why would nature produce something so bizarre and so utterly superfluous? Why would a causally inexorable scientific universe produce redundant, meaningless delusions? Science defies Occam’s razor. Wikipedia says of this principle, “Occam’s razor (also written as Ockham’s razor, Latin *lex parsimoniae*) is a principle of parsimony, economy, or succinctness used in logic and problem-solving. It states that among competing hypotheses, the one that makes the fewest assumptions should be selected.” Science produces completely unnecessary entities – minds, both conscious and unconscious – that serve no function in a material world of relentless material causality. It’s *impossible* that Nature should engage in utterly superfluous activity. It’s *impossible* that Nature should generate the delusion of freedom if freedom does not exist. There could be no conceivable material basis for the creation of the “fantasy” that there’s an *immaterial* world. How could atomic interactions and materialist laws ever produce the notion that atomic interactions and materialist laws are insufficient to explain reality, and there must be something else?

Occam’s razor clearly commits the rational mind to the conclusion that the idea of freedom exists in Nature solely because freedom is ontologically real. We think we are free because we *are* free. Science makes the extraordinary and laughable claim that we think we are free because we are *not* free.

According to science, the concept of freedom is generated by unfree things; it *emerges* from causal necessity that wholly excludes the possibility of freedom! This is deranged logic.

The only way for things to be free in a causal material world is for them to be immaterial, hence not subject to material causality. They must be uncreated and they must be uncaused causal agents. They can generate causal chains without themselves being caused. Only mathematical monads – *souls* – fit the bill!

The most self-evident proof of the existence of mind is the existence of free will. Free will can play no part in material causality and in fact refutes material causality. If a single thing can happen outside causal material necessity then materialism is ipso facto disproved.

Science has *never* addressed the Aristotelian issue of “first cause”. Although science is all about causal action according to inexorable laws, it appeals not to a first cause to get things going but to a first random *event*. A random event, it must be emphasized, is not a causal event – so science appeals to non-causality (randomness) to initiate causality! How bizarre is that? Why doesn’t randomness simply lead to more randomness, to *endless* randomness, to eternal random chaos? How can a random event lead to relentless causal laws?

Terence McKenna rightly said, “The sober men of science are saying the universe sprang from nothing for no reason. This is the limit test for credulity! Science is saying give us one free miracle and we’ll explain the rest. I’ll take mine at the end, thank you. They have the big bang, I have the big surprise.”

The more scientific materialism is investigated and probed, the more absurd it becomes. Science can’t explain anything at all. It doesn’t actually make any sense. It defies reason and logic. It has no philosophical coherence and consistency.

Science blabbers on and on about “experimental evidence” but experiments don’t prove anything. They simply provide a provisional corroboration of a hypothesis. They don’t make the hypothesis “true”. Countless scientific hypotheses have been experimentally “confirmed” before being subsequently shown to be false. The whole of Newtonian physics is fundamentally false, but is highly experimentally verified in all normal situations. Therefore, experimental evidence can easily lead us to draw false conclusions about reality and then believe in those falsehoods as though they

were analytic truths. Experiment has no connection whatsoever with analytic truth. That's the whole problem! If you're slavishly devoted to experimental evidence, you are not someone interested in immutable, eternal truths. Scientific materialism is a subject of *anti-truth*. In reality, it's instrumentalism, i.e. it's a tool for producing effective outcomes. These effective outcomes are no more related to the truth than the highly successful but utterly false Newtonian simulation of reality. Science is just a set of models and simulations. It has no comparison with the incontestable truths of mathematics.

It's no wonder science isn't associated with religion. It's far too ugly, imprecise, approximate, ad hoc and arbitrary. It provides no Platonic mathematical precision, no logical and rational necessity. There's no sufficient reason for how the "scientific universe" got started. It's astounding that anyone can find science satisfying. It's bungled, botched, ignorant and hideous. It invokes grotesque concepts such as randomness and the need to satisfy the human senses rather than human reason.

Why is something available to the senses regarded as "evidence" while something available to reason is regarded as "speculation"? Is $1 + 1 = 2$ speculation? $1 + 1 = 2$ contains more truth than the whole of science put together.

Science is not true and has no connection with truth. Science is just a model, an approximation, a sophisticated guess, a simulation. At most, it provides a simulacrum – an inferior copy – of reality. It's not reality itself. Reality is 100% mathematical and all of its foundational principles are analytic and eternal, and all have a sufficient reason. There's nothing ambiguous, uncertain, chaotic, random, contingent, imprecise, inaccurate, probabilistic, blurry, fuzzy or irrational about reality.

Top and Bottom

The world is full of violent gangsters born into squalor and determined to get the good things in life through extreme force. They have no regard whatsoever for others. Perhaps we shouldn't be surprised by this. Life treated them badly, so they feel no compunction about retaliating.

Much more shocking is that there's a group even more ruthless and heedless of others than the gangsters – *the privileged elite*! These people didn't get to the top being by nice, moral and considerate. They got there by lying, cheating, using corruption, bribery, intimidation – whatever it took.

These people had no concern for others. They had contempt for rules and laws. Win at any cost was the their sole credo.

So, society is a sandwich, crushed from below by the underclass gangsters, and crushed from above by the psychopathic elite. The elite and the gangsters are more or less identical, separated only by the fact that the former were born into luxury and the latter into poverty.

The Impossible Race

“A lie can travel halfway around the world before the truth can get its boots on.” – Mark Twain

The history of our world is the history of the triumph of the lie. The lie is much faster than the truth, and much more emotionally appealing.

A Contradiction in Terms

You sometimes hear people speaking of an Islamic “Golden Age” of thinking and culture. Well, there was no such thing. There was, however, a brief period when the Muslims embraced Greek pagan philosophy – Aristotle, Plato and Neoplatonism. Some enlightened, philosophical Muslims concluded that Allah was reason itself (i.e., like the Aristotelian God), hence rational thinking was the best way to understand the divine Order and honour Allah. In this view, scriptural revelation (via the Koran) and faith were for those who lacked the brains to understand Allah’s rational universe.

So, the Islamic Golden Age was actually the pagan *Greek* Golden Age manifested in Muslim countries. It had nothing to do with Mohammed and the Koran. It didn’t last long, of course. Reason was crushed by the Koran and faith and Islam became a backward religion that despised culture and education, and continues to do so to the present day.

Eudaimonia

Eudaimonia is ancient Greek for the “good demon” (the indwelling spirit). We live a desirable, good life when we are in harmony with our good demon! So, you must find your inner good demon, your guardian angel, your Higher Self.

Tragedy

Aristotle thought of tragedy as a type of homeopathic treatment: the “disease” is treated by a controlled, diluted version of it. You could cope better with real tragedy if you had already experienced a *simulation* of tragedy at the theatre. A good play aroused pity and fear and brought it to some resolution, thereby bringing about *catharsis* – purging – of these emotions, and leaving people paradoxically feeling better and more optimistic. They had coped with something terrible – they had survived – and that made them more confident that they could handle real tragedy. Nightmares are our internal cathartic experience. We encounter great horrors, but come through it.

Going to the theatre to watch tragedies, and having nightmares, are a kind of vaccination against overwhelming horror and terror. When real horrors visit us, we have already rehearsed our response. We’re not taken by surprise.

The Religion of Richard Dawkins

Richard Dawkins worships genes. He has absolute faith in genes. He says they are immortal. He denies the immortal soul but accepts the immortal gene!

The Prison of Belief

Jews and Muslims dress and behave the way they do because of their beliefs. If they believed different things, their appearance, behaviour and how they lived their lives would be entirely different – and so would the world.

The world is, above all, a reflection of what people believe. What they believe is, in turn, based on the brainwashing to which they have been subjected in childhood, on their personality types and how they respond to those in the world who have the most dominant personalities.

To change the world, it’s essential to change its psychology, beliefs ... and brainwashing systems.

La Folie

“There is always some madness in love. But there is always some reason in madness.” – Nietzsche

Yes, but it doesn’t have to be a good reason!

Pleasure and Pain

What is a baby's first way of communicating? – tears and screams, signifiers of *pain*. What is a baby's second way of communicating? – laughter and smiles, signifiers of *pleasure*.

And thus it always is. We are attuned firstly to pain and its avoidance, and then to pleasure and its pursuit. No matter how old a human becomes, that's always the case. We remain, at core, babies forever, fleeing from pain and chasing pleasure.

How to Love a Murderer

Abrahamists revere a man whose central claim to fame is that he was willing to murder his own son to show what a good believer he was. Anyone in the modern age who murdered his son and used the defence that God ordered him to do it would be detained in a mental asylum, jailed for life or executed for murder in the first degree. The deed would rightly be deemed entirely criminal and no one would complain about the sentence. Since that's the case, why does *anyone* continue to support Abraham's example? They are endorsing a notorious criminal psychopath whose conduct wouldn't be tolerated for a one second in the present day.

Mad Men/Last Men

“Saturday night in the suburbs, that's when you really want to blow your brains out.” – Don Draper (*Mad Men*)

The suburbs – that's where all the *last men* hang out. The only people who move to the suburbs are those who wouldn't blow their brains out at the prospect of moving to the suburbs!

Remembering = Resurrection?

According to Christians, their God “remembers” what a person's body was like, and *re-members* them according to his divine memory of them ,and also perfects them while he's at it.

Theology

It's remarkable when listening to a Christian religious service on the radio that no Christian theology features whatsoever. All you get is a few selected quotations from the Bible and then a trite sermon based on them – a Christian

“lesson for life” (which any atheist could provide just as easily with reference to non-Christian texts). It’s quite apparent that Christians, even those who are “qualified” to preach it, are wholly ignorant of what Christianity actually is. They know nothing of Christian theology, but it’s the theology, not the sermons, that *define* Christianity.

The “All is Lost” Moment

Every drama, every big movie, must feature this moment. It’s the law. Keep your eyes peeled for it. Stifle a yawn when it happens.

Planet of the Chimps

The Third Chimpanzee: The Evolution and Future of the Human Animal by Jared Diamond,

“The title of the book refers to how similar taxonomically chimps and humans are; and that their genes differ by just 1.6%, whereas chimps and gorillas differ by 2.3% (p. 19). Thus the chimp’s closest relatives are not the other apes with which it is classed, but the human (see *Homininae*). In fact, the chimpanzee-human difference is smaller than some within-species distances: e.g. even closely related birds such as the red-eyed and white-eyed vireos differ by 2.9%. Going by genetic differences, humans should be treated as a third species of chimpanzee (after the common chimpanzee and the bonobo).” – Wikipedia

The Abrahamists

“He who fights with monsters should look to it that he himself does not become a monster.” – Nietzsche

The Corruptors

“The surest way to corrupt a youth is to instruct him to hold in higher esteem those who think alike than those who think differently.” – Nietzsche

No Change for the Sake of No Change

One of the most defining characteristics of a person is their attitude to change. Are they for it or against it?

Imagine that a Tree miraculously appeared in Iraq and was said to be the

reappearance of Eden's Tree of Knowledge. Imagine it bore delicious fruit. So, the question is – would you eat the fruit or not?

All those who are rational and unafraid of change would eat. Everyone else would get on their knees and whine and whimper. They would never eat the fruit. The very thought would frighten them to death.

Well, what would *you* do?

We live in a world that suffers from “status quo bias”. This means that change is resisted just because it's change. People want to be safe and secure in familiar surroundings, with familiar people and familiar routines.

Average people simply don't like change. They don't want it. Boredom is supposed to spur people on to change things, to change their life. However, nowadays, we have endless diversion tactics, endless ways of staving off boredom with the TV, movies, music, video games, online gambling and porn, and so on. All this means that it's harder than ever to bring about *real* change.

“The price good men pay for indifference to public affairs is to be ruled by evil men.” – Plato

What kinds of people join mainstream political parties – good people? You must be kidding. We are always ruled by evil people because evil people go out of their way to get to the top because they are driven by ego, status and domination over others.

Hyperreason

So, the old world ended on 21 December 2012 and now a new Age has begun. 22 December 2012 saw the birth of *hyperreason*. In an unprecedented move, the *League of Smart People* declared that a worldwide alliance of the intelligent would overthrow the moronic Abrahamists and cast down the dumbed-down economic system of free-market capitalism. And then they all woke up ... just in time to see the publication of *Hyperreason*, an edition of *The God Series*, so intellectual it gives an automatic nosebleed to everyone with an IQ less than, well, *infinity*!

Thomas Aquinas produced five rational proofs for the existence of God. They certainly don't prove the existence of the Christian God, of course, but they *do* prove the existence of Abraxas, the evolutionary God of mathematics.

Rationalism is all about revealing those elements of reality that have *compulsory* existence. Hyperrationalism adds one element to rationalism: all rational statements must be viewed through the prism of ontological mathematics. The foundational, uncaused causes of reality must be mathematical and they must have the property of being “nothing” since nothing is the compulsory rational ground state of existence. Mathematics has the ultimate rational trick up its sleeve of course – because “nothing” can also be something. It's precisely because nothing and something can be equated that we are all here at all; that anything is here. If this weren't so, non-existence would be the ground state of “reality” and so there would be no sufficient reason for anything to exist. The universe would comprise eternal void, eternal oblivion in which nothing could ever be and nothing could ever happen. It's only the miraculous properties of mathematics that spare us that fate.

To put it another way, you can *never* beat nothing, but mathematics allows us to arrange nothing so ingeniously that an entire, infinite universe can exist! (But it's still just nothing when all's said and done.)

Why are we immortal and indestructible? Because we are nothing; you can't annihilate nothing, can you? The first law of thermodynamics (stating that energy can be neither created nor destroyed) is, rationally, a statement that the energy of the universe is always zero (because there could never be a sufficient reason for the energy to be greater than zero, and if the energy of

the universe is always zero then it automatically follows that there can't be any more or less of it). The first law of motion states that a moving body, subject to no external force, will continue in straight line at a constant speed forever (i.e. it's *inherently* a perpetual motion machine). The reason it moves forever is that it uses *zero* energy. If it had non-zero energy, it would expend it until it had zero (ground state) energy. Think about that – an independent object moves forever precisely because its energy expenditure is *always* zero. Movement is an intrinsic part of existence precisely because nothing can stop it because it requires nothing.

Why can science never find the soul? Because there's literally "nothing" to find! The soul – the Leibnizian monad – is an infinite nothingness. Thanks to mathematics, that also makes it an infinite something. "Something" is just "nothing" existing in a certain way; it's a special mathematical arrangement of nothing. Nothing is not "simple"; nothing is the most complex thing of all. "Nothing" is the soul itself – the fundamental unit of reality. Existence comprises nothing but mathematical souls and their mathematical interactions.

In *Hyperreason*, we delved into all of the fundamental principles of existence and we looked at that most incredible of all modern theorems – Gödel's Incompleteness Theorem.

Are you smart enough to stand up to Gödel? Did you know that the world has drawn the *opposite* conclusions from those intended by Gödel? Gödel was the closest modern thinker to Leibniz, and indeed Leibniz was his supreme hero.

Hyperreason shows exactly why it's time for Leibniz and Gödel to become the intellectual standard-bearers of humanity – and that means overcoming scientific materialism.

"I don't believe in natural science." – Kurt Gödel

Will you embrace hyperreason, or pin all your hopes on the Large Hadron Collider?

Did you know that the existence of the Higgs boson has *not* been proved? All that has happened so far is that a particle with some of the properties expected of the Higgs Boson has (probably; to a high level of confidence) been detected in the rather wide energy range in which the Higgs boson was predicted to exist. That's science for you – it's all ifs and buts. There's no necessary, analytic, immutable, *a priori*, eternal certainty.

Mathematics is the only subject that carries with it the eternal verities. Nothing is more beautiful than mathematics and indeed mathematics is nothing – the study of nothing via numbers that cancel to zero! Ontological mathematics is all about the relation of zero and infinity, and this necessarily takes in all the numbers in between. At the heart of ontological mathematics is the critical difference between “good infinity” (the *finite* infinite), and “bad infinity” (the *infinite* infinite). Good infinity is the basis of the well-controlled material world. Good infinity is a subset of bad infinity.

Smart Mice

“But, Mousie, thou art no thy lane

In proving foresight may be vain:

The best laid schemes o’ mice an’ men

Gang aft a-gley,

An’ lea’e us nought but grief an’ pain,

For promised joy.” – Rabbie Burns

From which John Steinbeck’s got the title of his novel *Of Mice and Men*; it’s also why the mice in *The Hitchhiker’s Guide to the Galaxy* are geniuses with grand cosmic plans and schemes.

The Secret of Success

If you want to be brilliant at something, the answer is simple and well known – you have to devote 10,000 hours to it. There’s just one problem: finding the 10,000 hours is impossibly difficult for all but a lucky few (mostly those from rich, privileged backgrounds).

The AC website provided the 10,000 hours (and much more!) training necessary to produce the *God Series* (a staggeringly complex undertaking). No one could write the *God Series* without 10,000 hours behind them. The 10,000 hours are the ladder to great achievements. If you don’t get those 10,000 hours, well ...

One of the central revolutions of meritocracy is that it will *guarantee* 10,000 hours to everyone before they leave the education system, meaning that they will enter the working world as experts in their chosen fields. As experts, they will not be cowering, submissive, weak employees. They will

be self-employed. We want *everyone* to be self-employed. No one at all should be in a master-slave relationship with an exploitative employer who has all the cards stacked in his favour.

We want to see a whole new type of economy based on collaborative teams and groups of meritocrats. We want to end the age of corporations, office workers and worker drones.

The idea of people doing mundane jobs they despise in order to pay the bills must be terminated once and for all. People will be productive only if they pour their soul into their work, and they will do that only if they love what they're doing. What could be better than working with your meritocratic peers to produce new wonders?

The central doctrine of success in a capitalist world is: “the same but different”. That’s why franchise movies are so successful.

We’re not successful because our material is radically different and involves, for most people, an insurmountable learning curve. Our primary aim – for the time being – is truth, not popularity, so we will go on being unsuccessful. That’s the way it goes!

A Vampire Love Story

Here’s a vampire tale. The idea that makes this story the “same but different” is that the vampires for this project are not blood suckers. Instead, they are *love* suckers: they literally suck the love out of people. The victims’ loss of love also leads to the loss of its opposite (hate), and indeed of *all* passion. People become “undead”: listless, apathetic, lethargic, like zombies. (This is a sly commentary on consumer capitalism and the legions of zombies who lurch around in shopping malls.)

The leader of the vampires rails against love and cackles as he turns humanity into a bland, banal “gloop”, devoid of any emotion and creativity. He himself is full of dark rage and energy (he is a seductive, Byronic figure; or something akin to Milton’s heroic Satan, intent on ruining God’s work).

His primary target is an attractive young couple, consumed with love for each other, who are horrified to see love steadily vanishing all around them – which only serves to make *their* love even more poignant and priceless. Their love will have to survive in the face of the hardest circumstances.

Eventually, this couple is the only one left that still knows love. Theirs is

the last love of humanity. It's the most fragile thing there is. And now the vampires are coming for them. They were saved for the very last precisely because their love was so tender, so much greater than everyone else's. When they are sucked dry, the world will no longer know of love. Humanity stands on the precipice. Will love survive?

Then comes the first dramatic revelation: the head vampire is none other than the young lover himself! It's his *shadow* (in the context of love and hate, he's like Dr Jekyll and Mr Hyde.) The intellectual point is that as his love for his girlfriend grew stronger and stronger, it was sucking all the love from everywhere else. (All lovers – at the height of their romance – become so absorbed with each other that the rest of the world barely exists for them; they come alive only when they are in each other's company. The rest of the world looks faded and grey, lacking in interest and colour.)

As the *beloved* (the young woman upon whom the vampire captain has lavished his love) realizes the truth, a second Jungian truth is revealed. She is his *anima*. Because their love is now so fateful – involving the destiny of a world – she has been transformed into Venus/Lucifer, goddess of light and love.

When the Shadow tries to suck the love out of the Anima, the opposite process takes place. All the love of a cosmic goddess pours into the Vampire Shadow and he himself is transformed into pure love. Since the fate of all vampires is linked to the fate of the Head Vampire, all the people of the world now become full of love too.

So, the last kiss (bite) – that could have ended all love on earth – has done the opposite and turned earth into the cosmic Planet of Love. The Age of Lucifer – of love and light – has dawned for the human race.

This is the ultimate romance featuring the highest stakes of all – the possible end of love forever.

Well, how could that fail? Move over *Twilight*!

Gangnam Style

The key to Gangnam Style's success is its horsey dance – it's the biggest dance craze for years. Nothing works as well in viral transmission as something that can be widely physically copied. And now the *Harlem Shake* is proving the point all over again.

Archetypal Evil

DF: “Wisdom is the ‘straight path’ to gnosis, but what of evil? If I understand your theology correctly, every soul will/can achieve gnosis, eventually. That implies either that the ‘evil archetypes’ will cease to exist/change into good archetypes (a solution that I believe is false, assuming that an archetype x is ultimately nothing but knowledge of the archetype x, and knowledge (of good and evil) must always increase), or that souls can become ‘detached’ from the archetype that they ‘originally’ imprint. This inquiry is more for theoretical purposes, as there is a difference between ‘possible’ and ‘likely’.”

In the twentieth century, a trend developed for “psychologising” religion. So, for example, people who would never dream of saying that a being called Satan actually exists were quite happy to talk of a Satanic “archetype”. These people never explained where this archetype originated, how it was stored and how we interact with it. Such people engage in *religion-lite*, decaffeinated religion, “chocolate without the chocolate”, “alcohol without the alcohol”. They want to say and think religious things but God forbid that they should ever mention something such as *Satan* and thus contemplate existential evil. No, it all has to be explained away, and what better way than via psychological abstractions?

Many *New Age* people believe in some kind of vague God or “force”, while completely denying that any kind of Satan exists. They provide no sufficient reason for why one should exist (the desirable one) but not the other (the undesirable one). It’s “cool” to talk about God, love and light, but who wants to talk about malignancy, evil and darkness? That’s so Middle Ages.

Scientific materialism has had the bizarre effect of killing off Satan in most people’s thinking, while not doing the same for God who has morphed into some cosmic security blanket.

In Illuminism, the *only* existents are minds and their mathematical relations. There are no “material” objects independent of minds and there are no *free-floating* mental fragments. Any mental phenomenon can always be traced back to a specific mind and is stored in that specific mind as a mathematical function (a wave pattern) – *information*.

So, the Satanic archetype is located in the mind of the being known as Satan. This archetype doesn’t float around unanchored “in the ether” and nor

did it pop into existence out of thin air. The Satanic archetype has developed over countless years and reflects the *behaviour* of a being that at all times has sought to assign 100% importance to itself and its own desires and pleasures, and 0% to the interests, desires and pleasures of others. The label Freud attached to it was “the IT” – the id. In fact, a better description would have been “the ME” (as in, “It’s all about Me, Me, Me”).

We see the Satanic archetype in evidence wherever we look. In Wall Street, you get nothing but the Satanic archetype. If you simply think of any Wall Street CEO, or a serial killer, and imagine that kind of mentality being “optimized” over millions and even billions of years then that’s what the Satanic archetype is. There’s nothing mysterious about it. It’s the *defining* archetype of our world and that’s why modern Gnostics, like ancient Gnostics, assert that this world is under the control of the Devil. No one’s saying there’s a bloke with horns and tails sitting in the boardroom of Goldman Sachs (well, er... who knows?!), but it *is* being said that the average human being is much more attuned to the cosmic Satanic archetype than that of Lucifer or Abraxas.

Where the Satan being is located *physically* is neither here nor there. Our primary emphasis is the mental Singularity that connects the minds of all things. The physical body of Satan could be that of an alien “frog” on a planet infinite light years away, but that wouldn’t in any way affect the power of the Satanic archetype over us.

We are rationalists and intuitives. We are not sensing types who must have a physical picture to contemplate. We have very little interest in physicality, which is, ultimately, wholly illusory. Remember all that *actually* exists are mathematical minds and their mathematical relations. One of their relations, the most obvious one, is the world of mental extension – which is what the material world is.

Now, the subtlety – the point that causes confusion – is that archetypes are *in* beings but are not beings themselves. We are at pains to combat the notion that archetypes have nothing to do with specific beings, but we are not saying that they are beings in their own right.

There may be behaviours that you carry out each and every day that are very characteristic of you. These are your “archetypal” behaviours. You reflect these behaviours but you are not determined by these behaviours; you could change them tomorrow if you wanted. *You* are the important thing, not your behaviour. Your behaviours are not living beings who make you do

things as if you were their puppet. *You* are the being, not them.

Satan exhibits the Satanic archetype, is the originator of that archetype, and is the mental location of that archetype, but Satan is not himself that archetype. Tomorrow, Satan could choose to tune into the Lucifer archetype and display that behaviour instead. No one *forces* Satan to always behave Satanically. He chooses to do so. Tomorrow he could choose something different.

Most people in the world are stuck in various behavioural ruts, but they don't have to be. Everyone can be a new person and do new things whenever they like. The problem is that people don't like change; it's difficult, uncomfortable, takes effort, and forces them to redefine their relations with everyone they know (because we are in fact locked into group behaviours).

So, in a practical sense, people and their archetypal behaviour often become one and the same thing. However, it's crucial to realize that everyone has a choice. Everyone, even Satan, can break free of the set of archetypes to which they are currently in thrall.

People and their archetypal behaviours are in a feedback loop. In fact, that's what determines your Myers-Briggs personality type. An INTJ person does INTJ behaviours over and over again. Slight preferences at the beginning of life for, say, thinking over feeling, or introversion over extraversion become "solidified" over the years into a distinct personality that prefers certain things and shuns other things.

But we can all break out, and we ought to. We ought to be well balanced in terms of all Myers-Briggs traits.

No one needs to change more than Satan! We live in a Satanic Age where following the Satanic archetype (the id) is highly successful for the leaders of our world – the selfish, greedy, elite psychopaths. The Abrahamists are on their knees and bellies to the Satanic Archetype.

However, dialectical progress will eventually change the equation. In Europe (apart from Islamic immigration), Abrahamism is collapsing. Secularism is on the march everywhere in Europe. Political upheavals in countries such as Greece, Spain and Portugal will lead, in due course, to massive reforms of free-market capitalism.

The ultimate outcome will be a secular, left wing, more rational, more communitarian Europe. The rich elite will flee to America, and that will lead to even more progress in an egalitarian Europe.

In Europe, the Satanic archetype will no longer play. It will lose its power

and all of its advantages. The same is true cosmically. Eventually, the Satanic Age will come to an end. Imagine Satan with no followers; with no one on their knees grovelling to him. What will Satan do with no one to dominate? Well, he has to *change*. He has to swallow his pride and get with the Luciferian or Abraxian program.

In the end, the whole universe enters the Age of Abraxas – total rationalism. This is implicit in the philosophies of Plato and Aristotle, of Stoicism and Neoplatonism, of Leibniz and Hegel, of Marxism and Meritocracy.

Of course, the Satanic archetype doesn't vanish. It doesn't cease to exist. It isn't destroyed. It simply becomes redundant. It remains part of Satan's monadic mental structure, but he no longer accesses it, and nor does anyone else.

The universe is full of redundant archetypes. Think of all the archetypal behaviours of species that have become extinct. Neanderthal Man had specific archetypes that have long since vanished from active use.

Archetypes are all engaged in a Darwinian struggle of natural selection, or a meme struggle. Only the strongest archetypes flourish and take on a cosmic character. These reflect the most entrenched behaviours all across the universe.

Complex behaviours suffer by virtue of being complex (simple things are enormously more likely to succeed in the short term). However, complexity is vastly more powerful (look at science compared with Abrahamism) and triumphs in the end. Scientists, if they wished, could exterminate the Abrahamists. (As history has shown, the Abrahamists have no qualms about exterminating *their* enemies.)

Memories have similarities with archetypes. What happens when you die? Where do your memories go? Are they annihilated from existence? Of course not. They are monadic information imprints. Your dead "ego" can no longer access them but your Higher Self certainly can. They become memories not of *this* life, but of a *past life*.

Memories are of course *dynamic*. They change every time you access them, albeit highly subtly in most cases. However, studies of False Memory Syndrome have shown that it's astoundingly easy to reframe memories and change their content to accommodate current self-beliefs (and self-delusions).

Another way to think of archetypes is as mental programs. Your mind "writes" them, stores them then runs them whenever it wants. Some programs

are written and then abandoned. Some are run infrequently. Others are your core housekeeping programs and these constitute your “normal behaviour”. However, you could write new programs at any time, or you could access someone else’s archetypal programs.

The film *The Matrix* is a great instruction manual...

Morpheus: This is the construct. It’s our loading program. We can load anything from clothing, to equipment, weapons, training simulations, anything we need.

When you think of archetypes, think of the *construct*, the *loading program*. You can load any archetype and run it. While you are running it, you are experiencing being *that thing*.

Trinity: Tank, I need a pilot program for a V-212 helicopter. Hurry.... Let’s go.

Trinity had a pilot program uploaded to her – and instantly became a helicopter pilot, regardless of whether she had ever flown before.

You *become* the archetype. The more *intuitive* you are, the better you are at accessing archetypes. Intuitives – only 25% of humanity – are the *mind elite*. If all the intuitives got together, we could easily control the world. As it stands, the world is under Satanic sensory control.

Neo: Is that... (looking at the Matrix code on a computer screen)

Cypher: The Matrix? Yeah.

Neo: Do you always look at it encoded?

Cypher: Well you have to. The image translators work for the construct program. But there’s way too much information to decode the Matrix. You get used to it. I...I don’t even see the code. All I see is blonde, brunette, red-head.

Similarly, when you become sufficiently practised and expert, you can “see” archetypes at will. However, there are of course downsides to everything. If you kept accessing past life memories, you’d have an identity crisis and go insane, and if you kept running archetypes, you’d become alienated from yourself and turn psychotic. All of these “special powers” have to be handled with the utmost care and caution. Part of becoming enlightened is knowing *not* to behave like a kid locked in overnight in a candy store. To become a

God, you need Godlike restraint. What do Gods do? They see *beyond*.

Morpheus: What is real? How do you define real? If you're talking about what you can feel, what you can smell, what you can taste and see, then real is simply electrical signals interpreted by your brain. This is the world that you know. The world as it was at the end of the twentieth century. It exists now only as part of a neural-interactive simulation that we call the Matrix. You've been living in a dream world, Neo. This is the world as it exists today.... Welcome to the Desert of the Real.

Baudrillard rejected the notion that *The Matrix* was based on his ideas even though one of his books is prominently displayed in the film. The reason is that *The Matrix* still acknowledges a definable reality (where the resistance fighters are), but the whole point of Baudrillard's concept of hyperreality is that there is no longer any definable reality: fact and fantasy have become hopelessly entangled and there's no longer any way out.

The Matrix doesn't go deep enough. When it talks about electrical signals, it's still in the world of physics and materialism. There is no physicality at all. All that exists is mathematical information (wave patterns) being interpreted by subjective minds. From that interpretation, the material world appears. The material world is just a convenient way of presenting incredibly complex wave patterns. That way of interpreting information proved successful in evolutionary terms. Had it not, we would be "seeing" reality in a totally different way, as our ancestors most certainly did.

The "reducing valve" of our consciousness creates the "material" interpretation of reality with which we have become so familiar. *True reality* is just an incomprehensible blur of overlapping, interfering sine and cosine waves.

Satan, Lucifer and Abraxas are just nodes in that stupendous pattern (and you too are a node), and they are associated with archetypal patterns that the whole of existence has tuned into.

Just as in our world, a few celebrities get all the attention, so, in the cosmos, a few dominant archetypal information patterns grab nearly all of the attention. It's the conflict between these archetypal patterns that drives the cosmic dialectic. Currently, we are in a Satanic Age, but that won't always be the case.

There will come a Luciferian Age and finally an Abraxian Age, as the ultimate cosmic synthesis and the rational culmination of existence.

DF: “To me, it seems the more powerful an archetype becomes, the more it ‘rises’ from the fragmentary individuated part of the Psyche to the unitary common part, thus explaining how it becomes easier to access by other monads. Individual mushrooms turn out to be connected by vast, underground roots. Also, morphic resonance seems to be essentially a ‘bosonic’ phenomenon: the more bosons you have in state X, the more probable it is for a new boson to be in state X.”

That’s an astute account of archetypes.

SR: “I agree that there is something that the clairvoyants are tapping into that is a sort of telegram imprint left behind like a permanent record in the noosphere. In addition, I believe that all souls remain rooted in the timeless zone of the astral plane regardless of what particular incarnation they are in at any given moment in time, or if they are in between lives (costume changes). Maybe mediums can tap into the astral plane where souls are not bound by the limits of their current station and are capable of feedback and memories regardless of having moved on to another character role on the grosser level.”

Reincarnation involves countless “costume changes” (new physical bodies) and countless “mask changes” (new conscious egos and personas). We are all, therefore, actors in a great cosmic drama! Through “acting” we become real and attain our higher, divine Self. Enlightenment occurs when our “physical” play reaches its end, and we leave the “mortal” stage ... and enter immortality.

MT: “I just have to comment on the AOI’s description: ‘*True Reality* is just an incomprehensible blur of overlapping, interfering sine and cosine waves.’ I took magic mushrooms once and I experienced this exact thing. I had a vision of these sine waves, coalescing at angles to each other, pulsating and throbbing and interacting almost mechanically but in an extremely complex cacophony of sight and sound, and it was as if the vision and the sound were one and the same, they could not be separated... and the intensity of it, the

sound was so loud, but not loud in the sense of my ears but in energetic intensity, like this unceasing complex of deeply powerful frequencies ebbing and flowing in and around one another, but not in an airy fairy way, a very calculated, mathematical pulsating storm of waves interacting. It frightened me! I guess it just seemed so vast and impersonal, kind of like the ocean ... anyone who has spent time at sea will understand what I mean when I say it had a sort of divine indifference to me, that its greatness and complexity would just swallow me up.”

Pedro Jesus said, “Every soul will achieve gnosis, but most of them by morphic resonance means; this will probably happen when some tipping point is reached.”

That’s right. Eventually, the Luciferian and Abraxian influences will become overwhelming and all counter forces will be swept away. Everyone will start tuning into healthy archetypes.

Pedro Jesus said, “Archetypes don’t disappear, even in the case of extinct animals. If the universe doesn’t record its mistakes then probably it will make the same mistakes again. That’s counterproductive.”

Right again.

“Evil archetypes will not cease to exist.”

Correct. They will simply be ignored.

“How can something detach from him?”

Right again. Nothing detaches itself from anyone; there are no free-floating mental entities. All mental archetypes are anchored within monadic minds.

Viewed from the “material” perspective, our world is full of atoms. Viewed from the mental perspective, it’s full of archetypes. Some are heavily used, some are rarely used, some have stopped being used, and some are yet to be written!

DNA is our biophysical pattern, but viewed mentally it’s a pattern of basic archetypal human functions (instincts). Most of our life is handled unconsciously (via archetypes) allowing our consciousness to concentrate on planning and decision-making.

The human race is only at the beginning of the science of the unconscious. It's the science that will transform us into Gods!

SD: "My comment was as generalized as your post – I agree with the post in the abstract, but ..."

Why do people make such stupid comments? *Of course* we're making general statements. What, are we expected to provide references, footnotes and qualifiers for every statement? If we did, we'd never get finished. We'd be tedious, incomprehensible academics and a complete bore.

We make general points and we expect them to be treated in exactly that manner. Instead, we always get pedants with their "footnote" mentality always picking on some tiny detail and taking issue with it – thus proving they have completely missed the point.

BH: "It would be nice if someone could explain why it's important to know if reality is math. And what to do with the info once you understand it. You can enjoy enlightenment today by skipping all the intellectual stuff and going directly to the source of your being. Math won't liberate you directly."

Enlightenment is simply explicit (rational) or implicit (intuitive) understanding of mathematics. No one who hasn't grasped the mathematical nature of reality will *ever* be enlightened. Enlightenment isn't for ignoramuses. What is the "source of your being"? Math!

Treachery and Insanity

"The real mathematics of the real mathematicians is almost wholly useless."
– Mathematician G.H. Hardy

"It is not possible to justify the life of any genuine professional mathematician on the ground of the utility of his work." – G.H. Hardy

Bizarrely, this is the prevailing attitude amongst the vast majority of "professional" mathematicians. They are traitors to their own subject of expertise. Mathematics is the most useful thing there is. It's reality itself! As soon as we get rid of all the mathematical clowns who think otherwise, and

replace them with proper, ontological mathematicians, the better. Traditional “abstract” mathematicians is a disaster for mathematics. Pythagoras, Plato, Descartes and, above all, Leibniz, were great thinkers because they put mathematics at the heart of philosophy and science ... at the heart of existence itself. They were *ontological* mathematicians.

The Sayings of G.H. Hardy

“It is not worth an intelligent man’s time to be in the majority. By definition, there are already enough people to do that.” – G.H. Hardy

No mathematician or thinker is ever in the majority, that’s for sure.

“The Greeks were the first mathematicians who are still ‘real’ to us to-day. Oriental mathematics may be an interesting curiosity, but Greek mathematics is the real thing. The Greeks first spoke a language which modern mathematicians can understand: as Littlewood said to me once, they are not clever schoolboys or ‘scholarship candidates’, but ‘Fellows of another college’. So Greek mathematics is ‘permanent’, more permanent even than Greek literature. Archimedes will be remembered when Aeschylus is forgotten, because languages die and mathematical ideas do not. ‘Immortality’ may be a silly word, but probably a mathematician has the best chance of whatever it may mean.” – G.H. Hardy, *A Mathematician’s Apology*

Ancient Greece remains the most remarkable phenomenon in the whole of human history. It was where *Logos* was born.

“Imaginary’ universes are so much more beautiful than this stupidly constructed ‘real’ one; and most of the finest products of an applied mathematician’s fancy must be rejected, as soon as they have been created, for the brutal but sufficient reason that they do not fit the facts.” – G.H. Hardy

In fact, the actual universe is the most beautiful there could possibly be: it is literally the best of all possible worlds, the *perfect* mathematical universe.

“Real mathematics must be justified as art if it can be justified at all.” – G.H. Hardy, *A Mathematician’s Apology*

Mathematics is 100% justified by the fact that reality is 100% mathematical. It has nothing to do with “art” except in the minds of those who thinks it’s

useless. That, of course, is not to say that mathematically isn't wondrously beautiful and the true foundation of all art.

"I had better say something here about this question of age, since it is particularly important for mathematicians. No mathematician should ever allow himself to forget that mathematics, more than any other art or science, is a young man's game. To take a simple illustration at a comparatively humble level, the average age of election to the Royal Society is lowest in mathematics. We can naturally find much more striking illustrations. We may consider, for example, the career of a man who was certainly one of the world's three greatest mathematicians. Newton gave up mathematics at fifty, and had lost his enthusiasm long before; he had recognized no doubt by the time he was forty that his greatest creative days were over. His greatest idea of all, fluxions and the law of gravitation, came to him about 1666, when he was twenty-four – 'in those days I was in the prime of my age for invention, and minded mathematics and philosophy more than at any time since'. He made big discoveries until he was nearly forty (the 'elliptic orbit' at thirty-seven), but after that he did little but polish and perfect.

Galois died at twenty-one, Abel at twenty-seven, Ramanujan at thirty-three, Riemann at forty. There have been men who have done great work a good deal later; Gauss's great memoir on differential geometry was published when he was fifty (though he had had the fundamental ideas ten years before). I do not know an instance of a major mathematical advance initiated by a man past fifty. If a man of mature age loses interest in and abandons mathematics, the loss is not likely to be very serious either for mathematics or for himself." – G.H. Hardy, *A Mathematician's Apology*

It's not that older people can't do brilliant math. It's that mathematical intensity burns people out. If they started much older, they would be just as brilliant – maybe better – but then burn out just as before.

"A mathematician, like a painter or poet, is a maker of patterns. If his patterns are more permanent than theirs, it is because they are made with ideas." – G.H. Hardy, *A Mathematician's Apology*

Mathematics is certainly the supreme subject of patterns, order and organisation.

"There is no scorn more profound, or on the whole more justifiable, than that of the men who make for the men who explain." – G.H. Hardy, *A*

Mathematician's Apology

What nonsense. The people who “make” normally make *junk*. The people who can explain difficult ideas well can transform the world and even the universe!

“Most people have some appreciation of mathematics, just as most people can enjoy a pleasant tune; and there are probably more people really interested in mathematics than in music. Appearances suggest the contrary, but there are easy explanations. Music can be used to stimulate mass emotion, while mathematics cannot; and musical incapacity is recognized (no doubt rightly) as mildly discreditable, whereas most people are so frightened of the name of mathematics that they are ready, quite unaffectedly, to exaggerate their own mathematical stupidity.” – G.H. Hardy, *A Mathematician's Apology*

Music is emotional mathematics. Certainly what counts most against mathematics is its frightening lack of emotion and compassion. Mathematics is the most brutal, indifferent subject, and it's no mistake or coincidence that the universe itself is brutal and indifferent.

“Good work is not done by ‘humble’ men.” – G.H. Hardy, *A Mathematician's Apology*

Absolutely right. Fuck humility!

“A man who is always asking ‘Is what I do worth while?’ and ‘Am I the right person to do it?’ will always be ineffective himself and a discouragement to others.” – G.H. Hardy, *A Mathematician's Apology*

Indeed. A man who describes his subject as “useless” falls exactly into that camp!

“Nothing I have ever done is of the slightest practical use.”

A self-fulfilling prophecy.

“If I could prove by logic that you would die in five minutes, I should be sorry you were going to die, but my sorrow would be very much mitigated by pleasure in the proof.” – Hardy to Bertrand Russell

A typical conversation between pointless, intellectual British toffs!

Hardy is regarded as the patron saint of pure mathematicians. Yet another false prophet! He was proud of the uselessness, as he saw it, of mathematics. He thought that mathematicians should pursue their investigations for the sake of mathematics alone, and should disregard it having any wider application or significance: mathematics for mathematics' sake, just like art for art's sake. Hardy regarded mathematicians as being on a par with artists, painters and poets. He *wanted* mathematics to be as "useless" as possible and for their work to have no practical purpose. Regarding applied mathematics, he denounced it as "repulsive, ugly and interminably dull."

Of himself, he proudly declared, "I have never done anything 'useful'. No discovery of mine has made, or is likely to make, directly or indirectly, for good or ill, the least difference to the amenity of the world... Judged by all practical standards, the value of my mathematical life is nil; and outside mathematics it is trivial anyhow. I have just one chance of escaping a verdict of complete triviality, that I may be judged to have created something is undeniable; the question is about its value."

What a miserable, moaning, negative, middle class English bastard!

The Madness of the Mathematician

Hardy had a horror of mirrors and routinely covered them with towels. What was he afraid to see in them? His own failure?

Having failed to finish a lecture at the end of term, Hardy began the first lecture of the next term (after a *long* vacation) with the words, "It thus follows that..." Hopefully all of his students were attentive listeners. Plainly, Hardy had complete contempt for lecturing – which is no doubt why he was a lecturer!

On the mantelpiece of his rooms at Trinity College, Cambridge, Hardy had three pictures: one of Lenin, one of Jesus Christ and one of star cricketer Sir John Berry Hobbs. According to the Hardy, these three men were the only ones who ever accomplished a hundred percent of what they set out to achieve.

Despite his picture of Jesus Christ, Hardy was a militant atheist and one of his great ambitions was to prove the nonexistence of God. His lack of belief in God did not prevent him from considering God a personal enemy.

Hardy said of himself that he was "for a time the fifth best mathematician

in the world.” Probably an accurate assessment.

Obliged to take a dangerous boat trip, Hardy devised a brilliant scheme to ensure his survival: he sent messages beforehand saying that he had proved the Riemann hypothesis. He reasoned that a) God hated him and b) since he was one of the few people genuinely capable of proving the Riemann hypothesis, the mathematical community would believe his last message and pay him immense posthumous honour, and bemoan the fact that his proof had perished with him. Since God would never allow him to be thus praised and revered, God (who didn’t exist) would ensure his survival!

Hardy, a depressive (as you can tell from his negative remarks), became suicidal once he realized his productivity was well and truly gone. He swallowed a large dose of barbiturates but took too many, threw up, and thus survived. Yet another miscalculation in a life that was all about the ultimate miscalculation regarding the true nature of mathematics.

The Riemann Hypothesis

David Hilbert was challenged to say what he would ask if he were revived 500 years after his death. He answered, “I would ask has somebody proved the Riemann hypothesis?”

Which is really rather sad. Fascinating though it is, the Riemann hypothesis is hardly the key to existence. It’s Euler’s Formula that has that singular honour (and is therefore also the key to unlocking the Riemann hypothesis).

Mathematical Beauty

“The mathematician’s patterns, like the painter’s or the poet’s must be beautiful; the ideas, like the colours or the words must fit together in a harmonious way. Beauty is the first test: there is no permanent place in the world for ugly mathematics.” – G.H. Hardy

It’s absolutely the case that the answer to existence must be supremely elegant, powerful, simple and beautiful. It would never be some clunky, overly-complex, ugly solution. It must be the simplest possible answer. There can literally be nothing simpler, and, indeed, the answer must be all about nothing and explain what nothing is because nothing is the compulsory

ground state of existence (from which existence can never deviate: it stays in its ground state permanently).

There is only one answer, and we have therefore named it the *God Equation*. It's name within mathematics is *Euler's Formula*:

$$e^{ix} = \cos x + i \sin x$$

This is the most beautiful of all mathematical formulae. It's *divine*. It produces a perfect unit circle, which cancels perfectly to zero. It is the perfect balance point between zero, infinity, negative numbers, positive numbers, real numbers and imaginary numbers – where no element is privileged over any other. This is the unique cosmic balance point, the very core of ontology. It's nothing less than the eternal, immutable, Platonic, analytic, infinitely precise mathematical definition of *energy*. This is what energy actually is. Energy is eternal mathematical motion – perfectly uniform – and it all constitutes the perfect platform for *information*. In particular, the waves associated with the Euler Formula – the real cosine wave and the imaginary sine wave – are the foundational elements for the definition of energy and information (these being essentially synonymous terms).

A wave is an eternal, moving, information-energy system. This is the only conceivable analytic basis on which to define energy and information. These waves provide the basis waves of Fourier mathematics, from which the whole spacetime representation of reality can be derived (as in inverse Fourier transform of basis wave frequency functions). From Fourier mathematics, we get quantum mechanics, the supreme theory of science and the fundamental explanation of the material world.

So, from Euler's Formula, we can explain nothing, infinity and everything in between, we can explain eternal motion, energy, information, we can explain spacetime, quantum mechanics and the whole of physical reality. The frequency-spacetime duality of Fourier mathematics is nothing less than the mind-matter duality that defines the human condition!

Thus, from Euler's Formula, we can quite literally explain *everything*. No matter how much it frightens you, or perplexes you, this is indeed the final, unarguable solution of existence.

“Gentlemen, that is surely true, it is absolutely paradoxical, we can't understand it, and we don't know what it means, but we have proved it, and

therefore it must be the truth.” – Benjamin Peirce referring to the wondrous *Euler Identity* which states that $e^{i\pi} + 1 = 0$. This is derived directly from the Euler Formula by using $x = \pi$.

Of the Euler Identity, Kevin Devlin wrote, “[It] reaches down into the very depths of existence.” In fact, it is the Euler Formula that uniquely defines those existential depths.

Euler’s Formula, and Euler’s Identity derived from it, are the most wondrous things of all – the very stuff of existence itself.

Second-Rate Minds

“Exposition, criticism, appreciation, is work for second-rate minds. [...] It is a melancholy experience for a professional mathematician to find himself writing about mathematics. The function of a mathematician is to do something, to prove new theorems, to add to mathematics, and not to talk about what he or other mathematicians have done.” – G.H. Hardy

Exposition is in fact one of the greatest and most important arts of all – and those who are best at it are of course the first-rate minds!

A Mathematician’s Apology

“One of the main themes of the book [*A Mathematician’s Apology*] is the beauty that mathematics possesses, which Hardy compares to painting and poetry. For Hardy, the most beautiful mathematics was that which had no practical applications in the outside world (pure mathematics) and, in particular, his own special field of number theory. Hardy contends that if useful knowledge is defined as knowledge which is likely to contribute to the material comfort of mankind in the near future (if not right now), so that mere intellectual satisfaction is irrelevant, then the great bulk of higher mathematics is useless. He justifies the pursuit of pure mathematics with the argument that its very ‘uselessness’ on the whole meant that it could not be misused to cause harm. On the other hand, Hardy denigrates much of the applied mathematics as either being ‘trivial’, ‘ugly’, or ‘dull’, and contrasts it with ‘real mathematics’, which is how he ranks the higher, pure mathematics.

“Hardy expounds by commenting about a phrase attributed to Carl Friedrich Gauss that ‘Mathematics is the queen of the sciences and number theory is the queen of mathematics’. Some people believe that it is the extreme non-applicability of number theory that led Gauss to the above

statement about number theory; however, Hardy points out that this is certainly not the reason. If an application of number theory were to be found, then certainly no one would try to dethrone the ‘queen of mathematics’ because of that. What Gauss meant, according to Hardy, is that the underlying concepts that constitute number theory are deeper and more elegant compared to those of any other branch of mathematics.

“Another theme is that mathematics is a ‘young man’s game’, so anyone with a talent for mathematics should develop and use that talent while they are young, before their ability to create original mathematics starts to decline in middle age. This view reflects Hardy’s increasing depression at the wane of his own mathematical powers. For Hardy, real mathematics was essentially a creative activity, rather than an explanatory or expository one.” – Wikipedia

Number Theory

“Mathematics is the queen of the sciences and number theory is the queen of mathematics.” – Carl Friedrich Gauss

Ontologically, mathematics is all about numbers. Ontological mathematics is therefore number theory, and of a very particular type. It’s number theory concerning the Euler Formula, exploring every feature of this Formula and all the ramifications that flow from it. Ontological mathematics is the assertion that Euler’s Formula defines energy. That is, every reference to energy is an analytic reference to Euler’s Formula. Numbers are defined by the sine and cosine energy waves that are specified by Euler’s Formula.

Energy is existence. Numbers are existence. Euler’s Formula is existence. Existence is all about the number theory of Euler’s Formula.

The Perversity of People

TM: “Hahahaha, ironically you seem prejudiced towards a lot of people....when you claim they are [prejudiced]....hmmmmz.”

There are people who can’t seem to stop reading our material despite the fact that they hate us, disagree with us and don’t understand us.

When have we ever said that we’re not prejudiced? We are entirely prejudiced (on the best rational grounds) towards Abrahamists, Karmists, free-market capitalists, Randoids, anarcho-capitalist libertarians, and so on. We haven’t made any secret of that! We have never preached “love and light to everyone”. We have specifically denounced that sentiment as hippie crap.

We aren't liberals, we're radicals.

Why do people insist on moronically attributing positions to us that we don't hold? The Abrahamists never admit to being utterly prejudiced towards everyone who does not share their beliefs. It's their lies and hypocrisy we attack. We ourselves have never preached that we are against prejudice. We are all for prejudice – against those who are disgusting, selfish, repellent monsters.

What Part of this Picture is Wrong?

A powerful being orders a father to make a human sacrifice of his own son. The father concludes that the being is the Devil and must be resisted to the last breath. Why is *that* not the tale of Abraham?

In the actual story, Abraham says, “Where shall I stab him, O Lord – throat or heart?” Why is Abraham one of the most revered men of all time when he was a psychopath ready to murder his own son because a voice in his head told him to. WTF! Never forget that Abraham is the first Jew, the first Christian, the first Muslim. Which tells you all you need to know about Jews, Christians and Muslims. They are would-be child killers who listen to crazy voices in their heads and thinks that's “good”!!!

The Media Machine

In authoritarian states such as North Korea, Stalinist Russia and Nazi Germany, the media is used as a central means of manipulating the people via relentless State propaganda.

In “free” societies, the media is relentlessly exploited by private individuals – the private ruling elite – to brainwash the people with the ideology that has served the elite so well, and which has given them so much wealth and power.

A proper media must be about the *people*. It should be controlled by neither the State nor the private elite. It must reflect the creativity and free expression of talented individuals. Imagine a country's media being run by radical independents and free-thinkers such as Nietzsche, Kafka, Kierkegaard, Schopenhauer, Camus, Mencken and Orwell.

The Truth

People don't want the truth. Lies are so much more appealing.

Consider Jesus Christ. He was executed by the Romans for subversion.

His crime was that that he claimed to be the King of the Jews – a direct challenge to Roman rule. His cross had the inscription INRI (*Iesus Nazarenus Rex Iudaeorum*) posted on it; a crown (of thorns) was placed on his head and he was given a red (kingly) cloak. Self-evidently, this was Rome crushing a rebel movement by killing its leader and treating him as a common criminal instead of the great king he pretentiously styled himself as.

Jesus Christ himself claimed to be descended from the royal line of David, claimed that a divine star greeted his birth and that he was visited by three kings or Magi of the East – all to bolster his claim to being the rightful Jewish king and Messiah, the new Joshua (after whom he was named).

Pontius Pilate, the Roman Governor, was the one who took the initiative against Jesus Christ. It's nonsense that he "washed his hands of the matter". It's clear that Jesus Christ mounted a coup d'état against Pilate's Roman regime during the Passover Festival – when Jerusalem was crowded with fanatical Jews – and that a full Roman cohort of six hundred battle-hardened soldiers had to be sent against Jesus' "Jihadist" terrorists to quell their uprising on the Mount of Olives. Jesus Christ was the God-intoxicated Osama bin Laden of his day, taunting the "Great Satan" (Rome then and America now).

Jesus Christ – Yehoshua ben Yosef, to give him his proper Jewish terrorist name – was captured and executed, and that ought to have been the end of the story. Unfortunately, his followers then invented a hugely powerful Mythos about him (just as was done long after with King Arthur). The Myth, not the reality, captured people's imaginations, and the rest is history. That's the way it goes. It's always *the lie* that succeeds. ("Success has always been the greatest liar." – Nietzsche)

Every Christian has signed up to a grotesque lie. Had Arthur been born a few centuries earlier, the world might now be Arthurian rather than Christian! Had *Lord of the Rings* been written two thousand years ago, we might have been worshipping Gandalf as God!

Christianity was largely invented by Saint Paul, and it's crystal clear from his writings that he expected the *imminent* end of the world ... in his own lifetime. If Saint Paul reappeared today, he would unquestionably denounce Christianity because – since the Apocalypse did not come within a few decades of Jesus' death – it no longer made any sense that Jesus came when

he did. God's Incarnation was, for Paul, something that obviously happened just prior to the *End of Days*. What kind of God would appear thousands or even millions of years before the *End*? That would be like having the climax of a movie at the start rather than the end. It's *absurd*. Everything after is an anticlimax. With every passing day, Christianity becomes more incredible and laughable. Will Christians still be waiting for the Apocalypse a thousand years from now, a million, a billion? When will the Christians admit the game is up and that their Apocalypse and Second Coming is, in fact, *never* coming?!

Here's our challenge to Christians. Announce a *specific* year by which – if the Apocalypse has not happened – Christianity will be rationally deemed an absolute lie and be abandoned en masse?

If Christians refuse to do so, it means that they are simultaneously calling Christianity an Apocalyptic Religion (which is prophesied in their *Book of Revelation*), but then denying that the Apocalypse need ever come in order for their faith to be valid. But if it *never* comes then Christianity is a lie. It is literally a *false prophecy*, hence founded and led by false prophets.

Why did Jesus Christ come two thousand years ago, and not two years ago? What was the point? Christianity is more irrelevant with each passing year. That's Jesus Christ's *fault*. If a religion is not continually renewing itself then it's dying. Why would any sane person living today continue to believe in this old, decrepit story? Only the mad and the brainwashed continue to believe. In the age of the internet, Hollywood, the Large Hadron Collider, smart phones, TVs, postmodernism, *Gangnam Style*, *Twilight*, *Harry Potter*, what conceivable relevance does Christianity have?

How can any "God" who has been absent for two thousand years – with no new miracles or signs – still expect to be taken seriously? If he exists then he's *tormenting* humanity but that means that he *does not exist* because a good God would never torment humanity.

It's over for Christianity. The game is up. The Christian God is dead. All we're waiting for is for the death to be called, the time of death to be recorded, and the death certificate to be issued.

The sooner the better! One day, humanity will be free of this grotesque lie and we will look back on the Christian age and shudder that humanity could ever have fallen for something so insane ... that humans could ever been like that and believed that.

Creativity

One of the great tragedies of the contemporary era is that many creative individuals can't make a living from their work. The AC site features several excellent musicians who barely make any money at all from their work.

Vast corporations such as Apple and Microsoft make a killing for their rich shareholders by selling hardware, while the minnows – the creatives who provide the content for the hardware – make next to nothing. They mostly have to give content away for free to make any impression at all, and, increasingly, content is *expected* to be free (while no one expects the capitalist, corporate hardware to be free).

In a meritocracy, we want it to be the opposite way around. The content creators should be the ones doing well, not rich people who own shares.

We want a creative world, full of creative people. We want to automate all jobs of drudgery. Eventually, creative jobs will be the only jobs available. The *whole economy* will become creative.

Nicole Kidman

Nicole Kidman, former wife of Tom Cruise, was viewed by Scientologists as a gold-digger faking her devotion to Scientology. They believed that she was diluting Cruise's interest in the true path and making him drift away.

Kidman was regarded as "suppressive", i.e. someone suppressing a person's "right and proper" (pro Scientologist!) inclinations.

We are all surrounded by suppressives of one sort or another: manipulators, exploiters, controllers, people trying to make us do what they want and to betray ourselves.

Of course, cults such as Scientology, Christianity, Judaism and Islam are the most suppressive influences of all, and they must be overthrown.

Alfred Hitchcock

Brilliant movie director Alfred Hitchcock was said to have a penchant for going to brothels, where he arranged to be made up as a corpse and laid in a coffin, clutching his penis (!). When the hookers came into the room, he would rear up from the coffin, causing the girls to scream in terror – at which point he had an almighty orgasm!

Perverse? Well, if that hadn't been part of Hitchcock's character he could never have made the psychological masterpieces he did make.

Hitchcock has increasingly frequently been portrayed as a self-loathing, sexually frustrated, sexual harassing pervert with a great fear and hatred of the police (of “being caught”) and a twisted obsession with “Hitchcock blondes”. What right do “Last Men” critics have to snipe at a genius like Hitchcock? A billion critics wouldn’t be worth one Hitchcock. A billion “norms” can’t match one genius.

Porn star Linda Lovelace was accused of having buck teeth because of all the blow-jobs she gave. So what about Bugs Bunny?!

The Worst Insult

“You have no class.”

The Big Question

What do you have to say for yourself?

“Political” Days

Most countries have a day commemorating the Jewish Holocaust. Of course, they don’t have a day commemorating other holocausts. They don’t have a day commemorating the Jewish holocaust against the Canaanites. They don’t have a day commemorating the *ultimate* holocaust when the Jewish God exterminated the whole of humanity bar Noah and his family. They don’t have a holocaust day when the Christian God sentenced the whole of humanity to eternal damnation in hell because of the disobedience of Adam and Eve.

There’s an Anti-Slavery Day in several countries, but you wouldn’t notice since it’s not about Jews! Of course, Jews were heavily supportive of slavery in Biblical days!

Why isn’t there an anti-Bankers Day, an anti-Wall Street Day, an anti-WASP day, an anti-Privilege Day, an anti-Torah Day?

All of these “special” days – such as Holocaust Day – are entirely political and ought to be banned. The Holocaust is no worse than many things that have happened in world history. We either remember them all, or we remember *none*. It’s the Zionist lobby that got the Holocaust Day promoted worldwide. Why should we listen to *them*?

Programmed People

When observing Muslims, Orthodox Jews and Fundamentalist Christians, it's sensible to regard them as nothing but robots. Muslims carry out the "Koran program", Jews the "Torah program" and Christians the "Bible program". Once you've read these books, you know all about the respective programs and you know how their adherents will operate just as surely as you know how a vacuum cleaner will work once you've read the instruction manual. These Abrahamists are not people: they are programmed machines with extremely predictable behaviour. You know exactly where they will all be on their "Sabbath" days, and you know exactly what Muslims will be doing during the five "calls to prayer" each day. These "people" are androids impersonating humans.

Toughness

"I want ten thousand tough guys, and ten thousand soft guys to make the tough guys look tougher." – *The Simpsons' Movie*

Hollywoodland

The original Hollywood sign actually said "Hollywoodland". Who knew?! In 1932, an actress, having become depressed at her inability to find roles, committed suicide by leaping from the top of the letter H. The story is told that a letter was in the post for her, offering her the lead role in a play about a girl who commits suicide!

The Hollywood sign (as it later became) thus enshrined the Mythos of Hollywood as the land that glittered so much but in the end yielded only broken dreams. The actress's ghost still allegedly haunts the sign.

The Gospel of Scientific Empiricism

The key statement of this dogmatic and irrational ideology was proclaimed by Newton (and directed straight at Leibniz):

“I have not as yet been able to discover the reason for these properties of gravity from phenomena, and *I do not feign hypotheses*. For whatever is not deduced from the phenomena must be called a hypothesis; and hypotheses, whether metaphysical or physical, or based on occult qualities, or mechanical, have no place in experimental philosophy. In this philosophy particular propositions are inferred from the phenomena, and afterwards rendered general by induction.” – Newton

Here we see all the horrors of scientific thinking. We see the worship of sensory phenomena, and the emphasis of induction over deduction (hence of the synthetic over the analytic, the *a posteriori* over the *a priori*, the contingent over the necessary).

Newton deplores hypotheses, and yet his whole argument is nothing but a set of hypotheses. He creates hypotheses concerning 1) absolute space, 2) absolute time, 3) mass, and the nature of matter, 4) speed, 5) the speed of light, 6) a tacit mechanism for how the force of gravity can be transmitted instantaneously across empty space, regardless of distance, 7) that his equations reflect reality rather than just being approximations and models.

Einstein more or less proved that the whole of Newton’s theory was false, but Einstein has in turn been refuted by quantum mechanics. It can’t be stressed enough that science produces nothing but hypotheses, models, simulations and approximations. There is nothing true about it. It has nothing to do with truth. It’s simply about modelling phenomena with increasing accuracy.

Newton’s famous statement is known as *Hypotheses non fingo* (Latin for “I contrive no hypotheses, ““I frame no hypotheses,” or “I feign no hypotheses”). Ironically, he does nothing but contrive hypotheses, all of which were challenged and refuted by Leibniz at the time. Einstein comes much closer to a Leibniz than to Newton, and quantum mechanics comes even closer. Eventually, science will arrive at its true omega point:

Leibnizian-Pythagorean Illuminism.

Newton, like all other scientists, was a philosophical ignoramus and denier. He failed to grasp that science is itself a philosophy obeying a Meta Paradigm that involves all sorts of unjustified assumptions.

The whole problem with science is that it believes it's factual and evidential and that it bears upon reality. In fact, it's wholly interpretational. Its hypotheses are nothing but suggested interpretations of observed phenomena. They have no inherent truth content and no necessary connection with truth. Science is all about interpretive *models*. Never forget that. There are no certainties when it comes to science. Certainty applies only to analytic statements and there is only one analytic subject: mathematics.

Imagine how absurd it would be to have a perfect analytic subject (mathematics) that provides the engine of science and yet has no connection at all with reality. How could such a thing ever come into existence? It would be the most improbable outcome of all time that an invented, abstract subject just happens to explain *everything* we see around us. The only other conclusion that mathematics reflects reality because it *is* reality!

Everyone has a simple choice to make. Is the world ultimately sensible or intelligible? If it's sensible, there will always be scientific, experimental evidence available. If it's intelligible there will always be elements beyond sensory awareness, which experiments will never discover, but which reason will.

So, are you going to side with your senses and feelings, or with your reason and intuition? That's your stark choice. Religion – including the soul, the afterlife, free will and God – is completely compatible with an intelligible world. Religion is completely *incompatible* with a sensory world since the soul is not an empirical but an intelligible entity.

The most important task of all is to identify which subject *is* the truth: which subject reflects the truth, embodies the truth, defines the truth, explains everything down to the finest, precise detail.

Religion makes the claim that it is *the* subject of truth, However, conventional religion is pure Mythos and has no connection with the real truth. The two real choices are mathematical physics or mathematics itself. We live in a world where mathematical physics is revered as the supreme subject for determining the nature of reality.

This model has now failed, as the dismal attempts to create a Grand Unified Theory of mathematical physics have demonstrated. It's impossible to arrive at such a theory because physics is synthetic and not analytic. It's ad hoc and arbitrary rather than necessary. It's *a posteriori* rather than *a priori*. It's inductive rather than deductive. It's empiricist and materialist rather than rationalist and idealist. It's sensible rather than intelligible. In other words, it's about as wrong as it possibly could be when it comes to the final truths of existence.

The irony is that the Grand Unified Theory of Everything already exists. It's simply mathematics itself, or, to be more precise, *ontological* mathematics, which flows from a single mathematical edifice: Euler's Formula. This provides every conceivable ingredient for an eternal universe of energy and information, and immortal subjective agents (souls) which experience that energy and information. Ontological mathematics – the generalised Euler Formula – is all there is.

What is the queen of the sciences? *Mathematics*.

Mathematics is the quintessential subject of truth. Mathematics is the “apex subject”. In a world devoted to truth, mathematics would be defined as the true basis of religion (religion is the subject which *claims* to deal with the truth but instead deals with stories, fear and control). Mathematics has five supporting pillars: physics, chemistry, biology, philosophy (metaphysics) and psychology. These ancillary subjects have the function of revealing various accessible mathematical truths and allowing us to interpret them in a way we find meaningful.

All the truths of mathematics can of course be worked out via mathematics alone, but since we are subjective mathematical entities that “think” most often in terms of will, desire, feelings and sensory impressions, we do not easily grasp the world of objective mathematics. Therefore, for the time being, we must find ways to interpret and convert objective mathematical truths into forms that we can easily grasp and use in our lives. This is where the five pillars come in. They are models and interpretations of truth rather than truth itself, but they bring us closer to the truth. Conventional religion, on the other hand, leads us *away* from the truth.

Leibniz was the great genius who showed humanity the way. He grounded reality in mathematical monads and calculus. He was a genius in logic and metaphysics. He applied rationalist thinking to science and made enormously influential contributions (that have still not been properly understood or

appreciated because they deal with reason rather than the senses). He was the first true philosopher of the unconscious mind. He brought mind and mathematics together via the monad. That's the approach everyone must adopt. We must move away from Newton and Einstein once and for all.

Remember, it's all about mathematics. You must choose which subject defines the foundational units of eternal existence, and it's incontestable that mathematics alone can do this job.

Of all of Leibniz's astounding achievements, the three most important are: 1) ontological mathematics is the basis of everything (thus vindicating the stance that all things are numbers, and number rules all, as Pythagoras stated), 2) the Principle of Sufficient Reason, which grounds reality in absolute rationalism, and 3) that all objectively true statements must be analytic, i.e. true by *definition*, hence incontestable.

Mathematics alone reconciles ontology, rationalism and analytic truth. *All* truths of objective, ontological mathematics are rationalist and analytic. These are eternal, *a priori*, necessary truths that can never change. They are the only conceivable laws that can define an eternal universe. Mathematics is the strangest and most alien of all subjects, yet it's also breathtakingly, pure, true and beautiful. What better basis could there be for the great mystery of existence? The mystery of mathematics, particularly as it concerns zero and infinity, is the same mystery of why we are here at all. But there is *no* mystery because mathematics provides all of the answers, and they are indisputably correct! They provide *absolute certainty*.

Does Time Exist?

One of the greatest clashes between science and Illuminism (ontological mathematics) lies in their respective definitions of time. In fact, science does not formally define time at all. What science does is *measure the passage of time* (via clocks) and say how time changes as speed through space changes (via Einstein's special theory of relativity). It does not say what time actually is. Is it a substance, an energy; is it continuous or granular? How does it interact with space and matter? What does *spacetime* mean ontologically? Why can't we see time or touch it, smell it, taste it or feel it? Is it a material entity? If not, how can it exist at all in a strictly material universe? How did time come into existence? Where did it come from? Can there be zones where time does not apply? Can time stop? Can it end?

If space and time are different substances, how can they interact? Are they

different material substances; in which case, how do they differ materially? How come we can interact with spatial matter, but not temporal “matter”? Does the past exist? Does the future? Can you travel through time? Can you travel back in time and kill yourself, or kill your father or mother before you were conceived? There are endless problems concerning time that have *never* been addressed by scientists. They literally don’t know anything about time. They have no model for it. All they can do with it is measure it, thus demonstrating how meaningless measurements and experiments really are. Measurements and experiments are useful but don’t tell us anything at all regarding ultimate truths. A clock measures time but does not tell us what time is. Isn’t that science’s central problem in a nutshell?

Philosophers are equally baffled by time, and equally short of answers. Perhaps the greatest philosophical analysis of the nature of time was provided by J. M. E. McTaggart in his paper *The Unreality of Time*. As the title indicates, McTaggart’s analysis led him to the conclusion that time isn’t real! However, he wasn’t able to explain how this unreal entity comes to feature so decisively in our lives. Time, in fact, is what *defines* our lives. Isn’t it rather alarming that the key to our lives is considered “unreal”?

The plain fact is that science and philosophy have both failed to present any coherent theory of time, and time therefore remains a profound mystery, second only to existence itself.

We will show that Illuminism has comprehensively solved all of the problems of time, but first it’s essential to go through the key points of McTaggart’s arguments since these define the parameters of the debate and reveal the catastrophic problem at the core of how time has hitherto been understood.

Wikipedia provides a valuable summary of McTaggart’s thesis:

“[In the ‘The Unreality of Time’ first published in 1908], McTaggart argues that time is unreal because our descriptions of time are either contradictory, circular, or insufficient. To frame his argument, McTaggart identifies two descriptions of time, which he calls the A-series and the B-series. The A-series identifies positions in time as past, present, or future; the B-series, as earlier than or later than some time position. Attacking the A-series, McTaggart argues that any event in the A-series is past, present, and future, which is contradictory in that each of those properties excludes the other two. He further urges that describing an event as past, present or future at different times is circular because we would need to describe those ‘different times’

again by past, present, or future, and then again describe that description by past, present, or future, and so on. Attacking the B-series, McTaggart argues that time involves change, but because earlier-later relationships never change (e.g. the year 2010 is always later than 2000), the B-series must be an inadequate account of time.”

The A-series (Wikipedia)

“...the series of positions running from the far past through the near past to the present, and then from the present to the near future and the far future...”

McTaggart says, “the distinctions of past, present, and future are essential to time and... if the distinctions are never true of reality, then no reality is in time.” He considers the A-series to be temporal, a true time series because it embodies these distinctions and embodies change.

The B-series (Wikipedia)

“The series of positions which runs from earlier to later...”

The B-series is temporal in that it embodies a direction of change. However, McTaggart argues that the B-series on its own does not embody change itself.

The C-series (Wikipedia)

“...this other series — let us call it the C-series — is not temporal, for it involves no change, but only an order. Events have an order. They are, let us say, in the order M, N, O, P. And they are therefore not in the order M, O, N, P, or O, N, M, P, or in any other possible order. But that they have this order no more implies that there is any change than the order of the letters of the alphabet...”

According to McTaggart the C-series is not temporal because it is fixed forever. He also says that adding “change” to the C-series is not sufficient to get the B-series, because this would not determine the direction of time:

“...the C series, while it determines the order, does not determine the direction. If the C series runs M, N, O, P, then the B series from earlier to later cannot run M, O, N, P, or M, P, O, N, or in any way but two. But it can run either M, N, O, P (so that M is earliest and P latest) or else P, O, N, M (so that P is earliest and M latest). And there is nothing either in the C series or in the fact of change to determine which it will be...a person who contemplates a

time-order may contemplate it in either direction...But in dealing with the time series we have not to do merely with a change in an external contemplation of it, but with a change that belongs to the series itself. And this change has a direction of its own...Therefore, besides the C series and the fact of change there must be given—in order to get time—the fact that the change is in one direction and not in the other. We can now see that the A series, together with the C series, is sufficient to give us time. For in order to get change, and change in a given direction, it is sufficient that one position in the C series should be Present, to the exclusion of all others, and that this characteristic of presentness should pass along the series in such a way that all positions on the one side of the Present have been present, and all positions on the other side of it will be present. That which has been present is Past, that which will be present is Future.”

The General Structure of the Argument (Wikipedia)

McTaggart’s argument for the unreality of time has two parts. In the first part, he argues that the B-series alone is insufficient for time to exist. In doing so, he also argues that the A-series is essential to time. Time demands change, and both the B- and C-series without the A-series do not involve change. Therefore, time must be described using the A-series.

In the second part, he argues for the conclusion that the A-series is incoherent because it leads to contradiction. Specifically, he argues that since every event that occurs will at one time be the future, at another time be the present, and at a third time (and forever henceforth) be past, every event exemplifies or instantiates every temporal property: futurity, presentness, and pastness.

Since these properties are mutually exclusive (they cannot be co-instantiated), the A-series conception of time generates an absurdity, a contradiction. If both parts of his argument are sound, then time must just be an illusion; it has no genuine ontological status.

McTaggart has defined two *fixed* series (the B- and C-series) and one series that is *continuously created* (the A-series). This is pivotal to his argument about the way things change. In the B- and C-series, things have fixed positions and fixed extents, so they cannot change. They are defined as static from the outset.

Of events in the B-series, McTaggart says, “No event can cease to be, or begin to be, itself, since it never ceases to have a place as itself in the B-

series. Thus one event cannot change into another.” and “As the B-series indicates permanent relations, no moment could ever cease to be, nor could it become another moment.”

Given that the C-series is, like the B-series, a set of events cast in the same sequence forever, it is also unchanging, according to McTaggart. He says of events in the C-series, “...that they have this order no more implies that there is any change than the order of the letters of the alphabet...”

McTaggart argues that what we consider to be change is actually the inclusion of an event in the A-series: “But in one respect it does change. It began by being a future event. It became every moment an event in the nearer future. At last it was present. Then it became past, and will always remain so, though every moment it becomes further and further past.” He then asks whether such a change can really occur.

However, there have been attempts to account for the idea of change from some proponents of the B-series. Though, they reject tense overall, they disagree that time must also be so abandoned.

...

He concludes these arguments by stating that “Our ground for rejecting time, it may be said, is that time cannot be explained without assuming time.”

A-series and B-series (Wikipedia)

In philosophy, A-series and B-series are two different descriptions of the temporal ordering relation among events. The two series differ principally in their use of tense to describe the temporal relation between events. ...

McTaggart’s use of the A-series and B-series (Wikipedia)

According to McTaggart, there are two distinct modes in which all events can be ordered in time. In the first mode, events are ordered by way of the non-relational singular predicates “is past”, “is present” and “is future.” When we speak of time in this way, we are speaking in terms of a series of positions which run from the remote past through the recent past to the present, and from the present through the near future all the way to the remote future. The essential characteristic of this descriptive modality is that one must think of the series of temporal positions as being in continual transformation, in the sense that an event is first part of the future, then part of the present, and then

past. Moreover, the assertions made according to this modality imply the temporal perspective of the person who utters them. This is the A-series of temporal events.

From a second point of view, one can order events according to a different series of temporal positions by way of two-term relations which are asymmetric, irreflexive and transitive: “comes before” (or precedes) and “comes after” (or follows). This is the B-series, and the philosophy which says all truths about time can be reduced to B-series statements is the B-theory of time.

The logic and the linguistic expression of the two series are radically different. The first is tensed and the second is tenseless. For example, the assertion “today it is raining” is a tensional assertion because it depends on the temporal perspective—the present—of the person who utters it, while the assertion “It rains on 15 June 1996” is non-tensional because it does not so depend. From the point of view of their truth-values, the two propositions are identical (both true or both false) if the first assertion is made on June 15, 1996. The non-temporal relation of precedence between two events, say “E precedes F”, does not change over time (excluding from this discussion the issue of the relativity of temporal order of causally disconnected events in the theory of relativity). On the other hand, the character of being “past, present or future” of the events “E” or “F” does change with time. In the image of McTaggart the passage of time consists in the fact that terms ever further in the future pass into the present...or that the present advances toward terms ever farther in the future. If we assume the first point of view, we speak as if the B-series slides along a fixed A-series. If we assume the second point of view, we speak as if the A-series slides along a fixed B-series.

Relation to other ideas in the philosophy of time (Wikipedia)

There are two principle varieties of the A-theory, presentism and the growing block universe. Both assume an objective present, but presentism assumes that only present objects exist, while the growing block universe assumes both present and past objects exist, but not future ones. Ideas that assume no objective present, like the B-theory, include eternalism and four-dimensionalism.

Growing block universe (Wikipedia)

According to the Growing Block Universe or The Growing Block View theory of time, the past and present exist and the future does not exist. The present is an objective property, to be compared with a moving spotlight. By the passage of time more of the world comes into being, therefore the block universe is said to be growing. The present is supposed to be the place where this is supposed to happen, a very thin slice of spacetime, where more of spacetime is coming into being.

The Growing Block View is an alternative to both Eternalism (according to which past, present and future all exist) and Presentism (according to which only the present exists). It is held to be closer to common-sense intuitions than the alternatives.

Criticism (Wikipedia)

Recently several philosophers, David Braddon-Mitchell (2004), Craig Bourne and Trenton Merricks have said that if the Growing Block View is correct we have to say that we don't know whether now is now. (The first occurrence of "now" is an indexical and the second occurrence of "now" is the objective tensed property. The sentence implies the sentence: "This part of spacetime has the property of being present".)

Take Socrates discussing, in the past, with Gorgias, and at the same time thinking that this (the discussion) is occurring now. According to the growing Block View tense is a real property of the world so his thought is about now – he thinks, tenselessly, that his thought is occurring on the edge of being – the objective present. But we know he is wrong, because he is in the past, he doesn't know that now is now. But how can we be sure we are not in the same position? There is nothing special with Socrates. Therefore we don't know whether now is now.

However, some have argued that there is an ontological distinction between the past and the present. For instance, Forrest (2004) argues that although there exists a past, it is lifeless and inactive. Consciousness, as well as the flow of time is not active within the past and can only occur at the boundary of the block universe in which the present exists.

B-theory of time (Wikipedia)

The B-theory of time is a term, given to one of two positions taken by theorists, in the philosophy of time. The labels, A-theory and B-theory, are derived from the analysis of time and change developed by Cambridge

philosopher J. M. E. McTaggart in *The Unreality of Time*, in which events are ordered via a tensed A-series or a tenseless B-series.

Events (or 'times'), McTaggart observed, may be characterized in two distinct, but related, ways. On the one hand they can be characterized as past, present or future, normally indicated in natural languages such as English by the verbal inflection of tenses or auxiliary adverbial modifiers. Alternatively events may be described as earlier than, simultaneous with, or later than others. Philosophers are divided as to whether the tensed or tenseless mode of expressing temporal fact is fundamental. Those who take the tensed notions associated with the past, present and future to be the irreducible foundations of temporality and our conceptions of temporal fact, are called A-theorists (similar to presentists). A-theorists deny that past, present and future are equally real, and maintain that the future is not fixed and determinate like the past. Those who wish to eliminate all talk of past, present and future in favour of a tenseless ordering of events are called B-theorists. B-theorists believe that the past, the present, and the future are equally real.

The past, the present and the future feature vary differently in deliberation and reflection. We remember the past and anticipate the future, for example, but not vice versa. B-theorists maintain that the fact that we know much less about the future simply reflects an epistemological difference between the future and the past: the future is no less real than the past; we just know less about it. A view was held, for example by Quine and Putnam that physical theories such as special relativity, and latterly Quantum mechanics provide the B-theory with compelling support.

A-theorists on the other hand believe that a satisfactory account of time must acknowledge a fundamental metaphysical difference between past, present and future. The difference between A-theorists and B-theorists is often described as a dispute about temporal passage or 'becoming'. B-theorists argue that this notion embodies serious confusion about time, while many A-theorists argue that in rejecting temporal 'becoming', B-theorists reject time's most vital and distinctive characteristic. It is common (though not universal) to identify A-theorists' views with belief in temporal passage.

It is also common (though not universal) for B-theorists to be four-dimensionalists, that is, to believe that objects are extended in time as well as in space and therefore have temporal as well as spatial parts. This is sometimes called a time-slice ontology.

The debate between A-theorists and B-theorists is a continuation of a

metaphysical dispute reaching back to the ancient Greek philosophers Heraclitus and Parmenides. Parmenides thought that reality is timeless and unchanging. Heraclitus, in contrast, believed that the world is a process of ceaseless change, flux and decay. Reality for Heraclitus is dynamic and ephemeral. Indeed the world is so fleeting, according to Heraclitus, that it is impossible to step twice into the same river. The metaphysical issues that continue to divide A-theorists and B-theorists concern the reality of the past, the reality of the future, and the ontological status of the present.

Presentism (philosophy of time): Wikipedia

Presentism is the philosophical doctrine that only events and entities—and, in some versions of presentism, timeless objects or ideas like numbers and sets—that occur in the present exist. According to presentism, events and entities that are wholly past or wholly future do not exist at all. Presentism contrasts with eternalism and the growing block theory of time, which hold that past events, like the Battle of Waterloo, and past entities, like Alexander the Great's warhorse Bucephalus, really do exist, though not in the present (eternalism, but not growing block theory, extends this to future events as well).

Saint Augustine proposed that the present is a knife edge between the past and the future and could not contain any extended period of time. This seems evident because, if the present is extended, it must have separate parts – but these must be simultaneous if they are truly part of the present. According to early philosophers, time cannot be both past and simultaneously present, so it is not extended. Contrary to Saint Augustine, some philosophers propose that conscious experience is extended in time. For instance, William James said that time is “the short duration of which we are immediately and incessantly sensible”. Augustine proposed that God is outside of time and present for all times, in eternity. Other early philosophers who were presentists include the Buddhists (in the tradition of Indian Buddhism). A leading scholar from the modern era on Buddhist philosophy is Fyodor Shcherbatskoy, who has written extensively on Buddhist presentism: “Everything past is unreal, everything future is unreal, everything imagined, absent, mental... is unreal... Ultimately real is only the present moment of physical efficiency [i.e., causation].”

According to J. M. E. McTaggart's *The Unreality of Time*, there are two ways of referring to events: the ‘A Series’ (also known as ‘tensed time’:

yesterday, today, tomorrow) and the 'B Series' (or 'untensed time': Monday, Tuesday, Wednesday). Presentism entails that the A Series is fundamental and that the B Series alone is not sufficient. Presentists maintain that temporal discourse requires the use of tenses, whereas the "Old B-Theorists" argued that tensed language could be reduced to tenseless facts.

In the modern theory of relativity, the conceptual observer is at a geometric point in both space and time at the apex of the 'light cone' which observes events laid out in time as well as space. Different observers can disagree on whether two events at different locations occurred simultaneously depending if the observers are in relative motion (see relativity of simultaneity). This theory depends upon the idea of time as an extended thing and has been confirmed by experiment, thus giving rise to a philosophical viewpoint known as four dimensionalism. However, although the contents of an observation are time-extended, the conceptual observer, being a geometric point at the origin of the light cone, is not extended in time or space. This analysis contains a paradox in which the conceptual observer contains nothing, even though any real observer would need to be the extended contents of an observation to exist. This paradox is partially resolved in Relativity theory by defining a 'frame of reference' to encompass the measuring instruments used by an observer. This reduces the time separation between instruments to a set of constant intervals.

Eternalism (philosophy of time): Wikipedia

Eternalism is a philosophical approach to the ontological nature of time, which takes the view that all points in time are equally "real", as opposed to the presentist idea that only the present is real. Modern advocates often take inspiration from the way time is modelled as a dimension in the theory of relativity, giving time a similar ontology to that of space (although the basic idea dates back at least to McTaggart's B-Theory of time, first published in *The Unreality of Time* in 1908, only three years after the first paper on relativity). This would mean that time is just another dimension, that future events are "already there", and that there is no objective flow of time. It is sometimes referred to as the "block time" or "block universe" theory due to its description of space-time as an unchanging four-dimensional "block", as opposed to the view of the world as a three-dimensional space modulated by the passage of time.

Problems with the flow of time (Wikipedia)

Conventionally, time is divided into three distinct regions; the “past”, the “present”, and the “future”. Using that representational model, the past is generally seen as being immutably fixed, and the future as undefined and nebulous. As time passes, the moment that was once the present becomes part of the past; and part of the future, in turn, becomes the new present. In this way time is said to pass, with a distinct present moment “moving” forward into the future and leaving the past behind. This view of time is given the name presentism by philosophers.

This conventional model presents a number of difficult philosophical problems, and seems difficult to reconcile with currently accepted scientific theories such as the theory of relativity.

Simultaneity (Wikipedia)

Special relativity suggests that the concept of simultaneity is not universal: according to the relativity of simultaneity, observers in different frames of reference can have different perceptions of whether a given pair of events happened at the same time or at different times, with there being no physical basis for preferring one frame’s judgments over another’s (though in a case where one event A happens in the past light cone of another event B, all frames will agree that A happened in the past of B). So, in special relativity there can be no physical basis for picking out a unique set of events that are all happening simultaneously in “the present”.

Many philosophers have argued that relativity implies eternalism. Although he disagrees in a qualified sense, philosopher of science Dean Rickles notes that “the consensus among philosophers seems to be that special and general relativity are incompatible with presentism.”

Has Time Been and Gone?

The “eternalist” perspective of time – the whole of time is set out all at once – is equivalent to the “Block Universe” view, which physicists deem to be the most credible model of time. In this extremely strange view, everything has already happened: every event, “past”, “present” or “future” exists in one enormous block.

The Block Universe theory does not include any flow or passing of time. A person with a “God” perspective would be simultaneously able to see

every event that has ever occurred or will ever occur. Where is the change in such a system? Where's the movement? Is change/movement dependent on time, or is time dependent on change/movement? This is the single issue that has most held back a proper understanding of time.

Aristotle did not believe that change was possible without time. So, by his logic, if there were no time, nothing would ever change. This is the central fallacy that has bedevilled a proper definition of time.

In relativity theory, photons move, yet time, for them, has stopped. So, there you have it: science says that movement (and change) can take place even though time is *not* passing. Physicists never draw any attention to this startling fact because it makes a mockery of their conception of time.

Aristotle did get one thing right about time: it is *continuous* and the number of moments in between moments is *infinite* (just as on the number line, there are an infinite number of points between any two points).

To grasp what time is, it's essential to understand that *motion* is a more fundamental concept than time. Motion is inherent in the concept of *energy*. You cannot have static energy. Energy/motion is eternal. Energy can never be lost and motion can never be lost. Science promotes a naive belief that the universe is somehow running down (via the Second Law of Thermodynamics). This is wholly false. Motion can take place in space, time, spacetime and *outside* space and time. If it's running *down* in one aspect, it's running *up* in another. Its *total energy* is always conserved, as per the First Law of Thermodynamics.

Entropy amounts to the draining of energy *through space*, and its redirection *through time*. The sun provides energy that can be converted into motion through space (what is known as "useful" energy), but, in the end, all of this useful energy is expended (lost as heat), and all that's left, apart from "zero-point" energy, is motion through time (and a more sophisticated argument says that all that's left is in fact mental motion!).

In our material universe, default motion is through *time*. Stars produce energy that allows motion to be redirected through space (allowing us to move around in space and do interesting things – well, some of us!), but when it's all used up, default motion through time resumes.

The predicted "heat death" of the universe implies a frozen universe enduring through time without any significant events.

The Milky Coffee Experiment

Henri Poincaré performed a fascinating thought experiment involving a cup of milky coffee. Although the obvious expectation is for hot coffee and cold milk to mix, Poincaré suggested that, given enough time (eons of time!), the hypothetical coffee would eventually split back into the hot coffee and cold milk. There was nothing thermodynamically to prevent this. Entropy applies only to *average behaviour* and does not forbid extremely ordered and improbable states.

A “Poincaré cycle” is defined as the amount of time it takes for an object to return to its initial configuration. Such cycles imply that, given enough time, the entropy of a system returns to any value it has previously had, including the outrageously improbable ones (such as the value that existed at the Big Bang). Thus, entropy is properly expressed in the following terms: “In a closed system, entropy is likely to increase for any period of time *short* compared to the Poincaré period for that system.”

Entropy, in “short” periods, proceeds linearly. In Poincaré periods, it’s cyclical!

If events were removed from the universe, would time still exist? According to Newton, it would (since he believed in absolute time). According to Leibniz, it wouldn’t (since time is all about the ordering of events, and if no events take place then nothing is being ordered).

What is space? It’s a container for monads. What is time (imaginary space)? It’s also a container for monads. Space and time are *dynamically coupled* containers (forming a *spacetime* container). The containers, it must be stressed, are themselves *outside* space and time (since they are composed of monads, which are dimensionless points). The containers are the *preconditions* for space and time events to take place. Space and time considerations apply to energy flowing within this container. Energy is released by each and every monad and this collective energy, flowing in a dimensional arena, creates the extended, material world of science, full of interacting energy.

Energy is motion. When energy is “dimensional”, its motion takes place in the spacetime container; when energy is “dimensionless”, its energy takes place within individual monads. As dimensional energy flows, we measure it

passing from one point of space to another, or one point of imaginary space (time) to another. We measure space passing with a measuring rod; we measure imaginary space (time) passing with a clock.

Motion is the critical thing; space and time are how we measure that motion. Time is *not* motion. Clocks provide measurements of distance in imaginary space, just as rulers provide measurements in real space. As things move through spacetime, they traverse real and imaginary distances, and those are distances we can measure with rulers and clocks. Speed, the standard measure of motion, is simply the ratio of real space to imaginary space traversed by a point in constant motion.

Physics treats space as static and time as moving, thus making them radically different ontologically. This is entirely false. Space and imaginary space (time) are just different types of space, orthogonal to each other. They are not in motion but they allow the progress of motion to be measured. Most particularly, time is not something that moves. Time is simply imaginary space. *Energy is movement*. You cannot have stationary energy. The essence of energy is to move.

Speed is not a ratio of a static quantity (distance) to a dynamic quantity (time). Speed is the ratio of two static quantities (distances in real and imaginary space) and measures the relative balance of motion through a spacetime arena. When something is stationary in space, all of its motion is directed through imaginary space (time); when it is stationary in imaginary space, all of its motion is directed through real space. Motion has no necessary connection at all with time. It can take place in non-temporal environments (e.g. the photonic environment). This is a basic conclusion of Einstein's special theory of relativity, yet neither Einstein nor any other physicist understood that time was thus exposed as irrelevant to motion and change, even though this remains the core understanding in physics of what time signifies.

Physicist Lee Smolin wrote, "Time is nothing but a measure of change – it has no other meaning." This is the key fallacy we are attacking. Time is no more about change than space is. It's motion that's about change, and motion is energy.

Motion ultimately concerns an extremely simple action: that of a point moving at a constant speed in one direction around the circumference of a

circle *forever*. This is a perpetual motion system and is an essential feature of existence. In a sense, that's what existence actually is – organised, ordered motion.

The “existential circle” is the Euler unit circle associated with Euler's Formula. This is an incredible mathematical information system involving real and imaginary numbers, positive and negative numbers, sine and cosine waves – all ultimately cancelling each other out to leave zero.

So, we have a perpetual motion machine that, mathematically, has a net energy of zero – which is exactly why it goes on forever. It requires nothing and it can neither acquire nor lose anything. It perfectly encapsulates the First Law of Thermodynamics concerning the absolute conservation of energy.

The concept of eternal action (which is just motion/energy) is intrinsic to Leibniz's philosophy, even in the dimensionless domain of mind, outside space and time:

“Thought is to the soul what motion is to body. A soul absolutely without thought, and a body absolutely without motion, appear to me equally contrary to nature and without example in the world. ... A substance once in action will be always in action.” – Leibniz

McTaggart argued that *any event* in the “A-series” is past, present, *and* future, which he found contradictory in the sense that each of those properties seems to exclude the other two. We can resolve this conundrum with the notion of the ever-advancing, moving point. The point is the only existent (and where it is currently is the “present”) but it will of course always be moving forward and thus always be leaving behind where it once was, to which it can never return (hence that becomes the “past”). And since the point is always moving forward, it's occupying where it hasn't yet been (which is therefore the “future”). It's thus *impossible* for a point not to be moving forward (into the future) from where it was (the past) via where it is now (the present).

Technically, of course, the past and future do not exist. Only “now” exists. The concept of tense (past, present and future) is an artefact of an ever-advancing *present*. It can never be said that anything is waiting in the future because the future doesn't exist. Nor can it be said that anything is in the past because that doesn't exist either. Our *memories* of the past, or *records* of the

past, exist in the present. Our *anticipation* of the future exists in the present. So where are past and future? In the *present*!

It's not a question of the death of Socrates being a future event, a present event and then a past event. Socrates's death was an *anticipated* future event (in the present) then Socrates's death was an actually happening event (in the present) and then it was a *remembered/recorded* event (in the present). Therefore, Socrates's death didn't belong to past, present and future, only to the *present*.

Past and future are human constructs. We remember or record the former and anticipate the latter, but that doesn't mean that they exist. Only *now* exists, but it's a perpetually advancing *now*.

Imagine driving along a very special kind of road – one where the road behind you immediately vanishes and the road ahead of you appears only as you reach it. Where your car currently is on the road is the only thing that exists, but you can remember where you have been, and you can anticipate the next section of road. Now imagine that you have no memory and no faculty of anticipation. What would “past” and “future” mean to you? Nothing at all! Your whole world would consist of your car and the current section of road supporting it, with nothing behind and nothing ahead. The only thing of which you would be aware is an *ever-changing present*. That's all that exists. Everything else is interpreted and imposed on top of that basic fact.

Imagine a Socratic pig. The pig would not anticipate its death. One day it would suddenly die. It's death would be forgotten immediately by any animals that witnessed it, assuming they did not possess memory. So, to what extent was that death a future, present and past event, without a whole layer of human interpretation being imposed on what actually happened? Heraclitus was right all along: “Nothing is permanent except change.” Change is what happens *right now*, and *right now* is *always* changing (moving forward).

Bertrand Russell destroyed Henri Bergson's philosophy when, in *A History of Western Philosophy*, he savaged Bergson's theory of time, concluding with the statement, “[His] theory of time is seen to be simply a theory which omits time altogether.” But that could be said to be Bergson's whole point!

Time is a concept human beings invented in place of a much deeper concept: *change, motion, becoming, energy*. People say that *change, motion,*

becoming, *energy* all happen *in time*. But that's not the case. We inhabit a universe of energy which, ipso facto, is in permanent motion, and is thus constantly changing and becoming. We can't measure the completely elusive, dimensionless "now" at which change, becoming, motion and energy are actually happening. What we *can* do is measure the gaps between events using clocks (which don't in fact measure time but an amount of imaginary space, just as rulers measure real space).

Bergson complained about "mathematical" time, As Bertrand Russell observed, "Mathematical time, according to Bergson, is really a form of space; the time which is of the essence of life is what he calls *duration*." Well, Bergson was right. Mathematical time is indeed a type of space, namely *imaginary space* (although Bergson himself didn't make that association). That being the case, it doesn't tell us what time truly is. In fact, time is point by point unilinear motion (the arrow of time), and, since each point is dimensionless, it can't be measured, i.e. we can never capture "now". Clocks are what we use to measure the imaginary *distance* between events, except we measure imaginary metres in "real" seconds.

Bergson's concept of *duration* was his attempt to inject dynamism (rather than static imaginary space) into time, but he didn't overcome the prejudices of the scientific materialists and empiricists (including Russell).

We could talk of an arrow of *change*, an arrow of *becoming*, an arrow of *motion*, an arrow of *energy* just as easily and validly as an "arrow of time". To that extent, we could replace the concept of time entirely. We could say that clocks measure imaginary space rather than time and we could talk of an arrow of motion which moves from one "instant", "present", "now" to the next. We could say that we remember where now used to be and anticipate where it will be next, and experience it as it's happening. In other, we could remove the words "time", "past" and "future" from the lexicon, and easily get by without them.

McTaggart's "Logic"?

"Specifically, he argues that since every event that occurs will at one time be the future, at another time be the present, and at a third time (and forever henceforth) be past, every event exemplifies or instantiates every temporal property: futurity, presentness, and pastness. Since these properties are mutually exclusive (they cannot be co-instantiated), the A-series conception of time generates an absurdity, a contradiction. If both parts of his argument

are sound, then time must just be an illusion; it has no genuine ontological status.” – Wikipedia

A point moving forwardly uniformly will, firstly, be at one location, which it will leave behind (and to which it will never return), and will then arrive at a location it has not yet occupied, leave that behind, and so on. The point will always be found at a specific location and there will always be locations where it was previously and other locations that it will occupy in due course. There is nothing non-ontological or unreal about a moving point: occupying “present” locations that necessarily become “past” locations and being about to occupy new “future” locations is exactly the nature of movement. You cannot have advancing, arrowed movement without this sequence. McTaggart’s objection is therefore bizarre, and the precise opposite of the natural logic of motion.

Movement is all about the *present* – that’s what actually exists. Past locations no longer exist, and future locations do not yet exist. Everything is about an ever-changing present. Everything that happens inevitably happens in the *present alone*. The subtlety is that the present isn’t static; it’s changing. We could actually talk of the *present present*, the *past present* and the *future present* to show that “past”, “present” and “future” are simply qualifiers of the present and not separate, impermeable and mutually exclusively ontological states. In fact, the reverse is true: they are mutually necessary, inclusive, linked states.

McTaggart asserts that past, present and future are mutually exclusive because they cannot be *co-instantiated*. His argument becomes ridiculous when you consider that movement is inherently about states that cannot be co-instantiated. A moving point cannot be at several locations at once (it can only be at one point at a time by definition); it can only be instantiated at a single location, with its former locations behind it and prospective locations ahead of it. That’s how movement works, and that’s how tensed time works since it’s based on movement!

McTaggart in essence conjures a *static* understanding of his “A-theory” of time where, by his logic, nothing can be in the future, then the present and then the past. He wants to say that logically an event can only be in the future, only in the present or only in the past. But this in fact removes the dynamic element of the A-theory that distinguishes it from the static B-theory of time where all events have fixed positions and are never co-instantiated. So, the contradiction lies in McTaggart’s own logic: he seeks to treat a

dynamic quantity statically!

McTaggart goes to the trouble of separately defining the A and B theories of time, and then applies B-logic to the A-theory to “prove” that the A-theory is contradictory! Although McTaggart sees that dynamism is the quintessence of the A-theory, he then, perversely, treats it statically.

Tensed time is about motion and change. What is a *changing* thing? It’s the *same* thing in which changes are always happening but are never by definition co-instantiated. Think of the life of a human being. We are the same person from birth to death, yet we are also changing at every instance during our life. We are therefore the same but different. Heraclitus said you can never step into the same river twice, but of course we can and do – as long as we understand the river to be the “same but different”. What is the “present”? It’s also the same but different! It’s ever-changing, like humans and rivers, and yet its quintessence remains the same. That is the context in which tensed time must be understood.

All events occur in the present and the present is always the same but different. The “past” present records the changes that have occurred, the present present registers the changes that are currently happening and the “future” present is where fresh changes will occur.

The Sole Existents

All that exists are mathematical monads (points; eternal, thinking life forms). Monads can organize themselves into coupled space and imaginary space containers to create *spacetime*. Energy from monads can flow into and through these containers, experience space and time, and be compressed into mass, thus forming the familiar material world of science. *Everything* originates in monads and expresses mathematical relations inside and between monads. No other activity takes place in the universe.

Monads and their mathematical relations – mediated by the most perfectly balanced equation of all (Euler’s Formula: the God Equation) – is the answer to life, the universe and everything. This is a system of *mind* (unconscious mind that is capable of evolving consciousness through the process of monadic individuation).

Mind is mathematics. All thoughts are Fourier combinations of basis sinusoidal waves located within monads. Via inverse Fourier transforms, such dimensionless thought functions can be rendered as spacetime representations (thus creating the illusion of the material world, which is

supposedly independent of mind).

There's no other conceivable answer to what existence is. A non-mathematical universe is impossible. Thinking is impossible without mathematics. Mathematics, by its nature, is an information system. Nothing else by its nature is an information system. If something is not inherently reflective of information then it can never express information (it would be random chaos that never generates meaningful existence). Mathematics *alone* is about information. This is an information universe, an energy universe, a motion universe: a *mathematical universe*.

Experiments

Scientists revere experimentation to an insane degree. Experiments *define* science. The scientific method revolves around experiments. Yet experiments can't, and don't, prove anything at all. They never have and they never will. Experiments simply provide a "sanity check" and an increased level of confidence in scientific hypotheses.

Countless experimentally verified hypotheses have been abandoned because new and different experiments subsequently refuted them. Newtonian physics was experimentally verified until new experiments no longer verified it. All theories are just one new experiment away from being refuted. "Confidence" in a theory, thanks to experimental "verification", constitutes neither proof nor truth. No scientific theory will *ever* become factual, true and proved because this is impossible within the paradigm of experimental science where nothing is *necessarily* true but "true" only by dint of provisional experimental "evidence". As far as Truth goes, experimental "evidence" and "verification" mean more or less nothing. Only the necessary, analytic truths of mathematics are irrefutably True.

Cosmic Motion

Imagine a body moving at a constant speed in a straight line, as per the First Law of Motion. Now imagine that the straight line is actually the radius of a hidden circle that is getting larger and larger as the radius expands.

We shall define the basic "natural unit of time" [NUT] as the time it takes for a point moving at a constant rate around a unit circle to complete a full revolution.

If a point on a circle of radius 1 [the *unit circle*] takes 1 NUT then it will take 2 NUTs for a circle of radius 2 and n NUTs for a circle of radius n. The

radius is therefore always the same as the number of NUTs.

The point travelling around a unit circle covers a distance of 2π units in one revolution, and on a circle with radius n it covers a distance of $2\pi n$ units.

Speed = distance divided by time = $2\pi n$ divided by $n = 2\pi$, a fixed constant.

This result cannot be overemphasized. Everything in the universe moves at exactly the same speed of circumference over radius = 2π . This is the true cosmic speed limit. Nothing can travel either faster or slower. It's a universal constant.

Motionless Time

Time is *not* movement. Time does not move. It does not tick. It's *movement* that's ticking. Movement, in the physical word, takes place *through* or *in* two different, dynamically coupled containers: space and time. The more you move through one, the less you move through the other, but what's for sure is that you're *always* moving. You can never slow down and you can never stop.

The Importance of being Pi

“The number π is a mathematical constant that is the ratio of a circle's circumference to its diameter. The constant, sometimes written pi, is approximately equal to 3.14159. It has been represented by the Greek letter ‘ π ’ since the mid-18th century. π is an irrational number, which means that it cannot be expressed exactly as a ratio of two integers (such as $22/7$ or other fractions that are commonly used to approximate π); consequently, its decimal representation never ends and never repeats. Moreover, π is a transcendental number – a number that is not the root of any nonzero polynomial having rational coefficients. The transcendence of π implies that it is impossible to solve the ancient challenge of squaring the circle with a compass and straight-edge. The digits in the decimal representation of π appear to be random, although no proof of this supposed randomness has yet been discovered.” – Wikipedia

Pi is one of the most extraordinary numbers of all. Pi is the link between circles, straight lines and infinity. Pi is the intersection of the finite and infinite, of straight lines and curves.

THE PI CONJECTURE: It *must* be possible to calculate from first principles exactly why pi has the value it does, and this will stand as one of the greatest mathematical achievements of all time. Squaring a circle is impossible. It's impossible *because* of pi. At pi, a transition from the finite to the infinite occurs. Pi is inherently linked to the “point at infinity”. A straight line with a point at infinity is functionally equivalent to a circle (via projection mathematics). Given this relation between straight lines and circles, it might seem that squaring a circle ought to be possible but the fly in the ointment is the mysterious “point at infinity”, which, logically, must be connected to pi, a transcendental irrational number that has infinite numbers after the decimal point. At infinity, the circle *can* be squared!!!

Transcendental Numbers

“In mathematics, a transcendental number is a (possibly complex) number that is not algebraic—that is, it is not a root of a non-constant polynomial equation with rational coefficients. The most prominent examples of transcendental numbers are π and e . Though only a few classes of transcendental numbers are known (in part because it can be extremely difficult to show that a given number is transcendental), transcendental numbers are not rare. Indeed, almost all real and complex numbers are transcendental, since the algebraic numbers are countable while the sets of real and complex numbers are both uncountable. All real transcendental numbers are irrational, since all rational numbers are algebraic. The converse is not true: not all irrational numbers are transcendental; e.g., the square root of 2 is irrational but not a transcendental number, since it is a solution of the polynomial equation $x^2 - 2 = 0$. The name ‘transcendental’ comes from Leibniz in his 1682 paper where he proved $\sin x$ is not an algebraic function of x . Euler was probably the first person to define transcendental numbers in the modern sense.” – Wikipedia

Which Pi?

There are four *flavours* of π : π , $-\pi$, $i\pi$ and $-i\pi$. None is more “real” than the others. None can be privileged over the others. So, what’s the circumference of the Euler unit circle? Is it 2π ? But surely its total circumference is zero – because the positive-number part of the circumference is exactly cancelled by the negative number part of the circumference.

Equally, what is the radius of the Euler circle? Is it 1, -1 , i or $-i$? And what about the area? Is it πr^2 ? But what π and what r do we use? And doesn't the area of the Euler circle actually cancel to zero since the negative half exactly balances the positive half?

In fact, ontologically, the resultant radius, circumference and area of the Euler circle must all equal *zero*. We can't approach the Euler unit circle using naive notions derived from real number circles. It's a wholly different beast and needs an entirely new type of mathematics to be developed for it, where anticlockwise rotation changes positive numbers into imaginary numbers then negative numbers then negative imaginary numbers, before returning to positive numbers.

All the secrets of existence are located in the magical Euler unit circle which is both something and nothing – exactly the same as existence itself.

The Euler unit circle is exactly the arena where no numbers are privileged over any others, and all numbers finally return to the same number: *zero*.

What are imaginary numbers? Simply numbers that have an *orthogonal* (ninety degrees) relationship with real numbers. What are negative numbers? Simply numbers that are *diametrically opposed* to positive numbers.

To make a positive real number (on the x-axis) into an imaginary number, you simply rotate it anticlockwise by ninety degrees in the complex plane. To make it into a negative number, you rotate by a further ninety degrees (making a total rotation of one hundred and eighty degrees). To make it into a negative imaginary number, a further rotation of ninety degrees is needed (making a total rotation of two hundred and seventy degrees). To return to itself, a further rotation of ninety degrees is needed (making a total rotation of three hundred and sixty degrees).

Imaginary and Real

By convention, we say that real numbers correspond to space and imaginary numbers to “time” (or what is mathematically accepted as time). Of course, we could equally well say that it's the other way around. Just as real numbers can't be privileged over imaginary numbers, nor can their “physical” meaning over imaginary numbers be absolutely established. It's their relative, not absolute properties, that count.

Time – Science’s Greatest Error?

So, there are two incompatible views of time, called “tensed” and “tenseless”. Tensed time is about past, present and future. The past is gone forever, and the future is yet to come. We live in a continually advancing “present”. Time, in the tensed view, is radically different from space.

Tenseless time, on the other hand, asserts, in effect, that time is a special kind of space. Just as we assign three coordinates (length, breadth and height) to specify an object’s location in space, we can also assign it a time coordinate at all points in its journey. With these four coordinates, defined in a 4D spacetime continuum, we have fully and uniquely specified its trajectory through spacetime.

The very odd aspect of this view is that there’s nothing to stop us from concluding that a whole set of “future” coordinates already exists. The object hasn’t reached these fixed coordinates yet, but it definitely will. The future is fully determined. It has already happened (which means of course that it’s not actually the future; merely the unreached present, or even the unreached past).

In tenseless time, time exists all at once. All of the past and all of the future exists. No moment is privileged over any other. There is no non-existent past and no non-existent future. All temporal coordinates exist *forever*. The peculiar implication of this view is that time is fixed forever and the only thing that moves is not time itself but our *consciousness* of it.

In this scheme, our death has already happened. It already factually exists – we just haven’t encountered that particular time coordinate yet. But we will. We can’t avoid it.

This is the view Einstein preferred, and most physicists agree with him. Yet it’s perverse and assigns an extraordinarily strange set of properties to consciousness. Above all, why is consciousness aware of only one instant at a time, even though the whole of time already exists? What happens to past conscious states? Are they simply frozen in time?

The fact that science can’t state definitively what the nature of time is stands as a condemnation of the whole scientific project. After all, if it can’t explain something as basic and fundamental as time, what *can* it explain?

With tensed and tenseless time, we have two wholly different theories of time, yet science cannot ratify one and refute the other. What could be more basic to the scientific enterprise than this?

So, what's the central problem? It's the fact that science cannot do any proper experiments on time (since it's not an observable, materialist phenomenon), hence it's helpless. The only thing science can do with time is measure it with clocks, but it doesn't know exactly what it's measuring. A substance, a material, an energy, a what? It refuses to use *reason* to analyze the problem. Isn't that astounding?

How *should* the problem be analyzed? What is the fundamental issue? It's whether time is to be understood as a type of space (hence static) or something radically different from space (hence inherently *dynamic*). Both views cannot be correct. However, given that strong arguments can be advanced in support of both tensed and tenseless time, a new idea automatically suggests itself: the same word "time" is being applied to two entirely different and distinct concepts. This is therefore a problem of *definition*. In Illuminism, the problem is easily solved. Time, as measured by clocks, is indeed a kind of space, namely, *imaginary* space. Although it's imaginary, it can be measured by a real analogue: *seconds*. Seconds are proxies for imaginary distances. Physics "works" because, nine times out of ten, it's valid to use seconds instead of imaginary distances.

Imaginary space is the precise counterpart of real space. Just as real space has three dimensions (of length, breadth and height), so does imaginary space. Space and imaginary space are fused together in "spacetime". Real space is based on real numbers, imaginary space on imaginary numbers, and spacetime on complex numbers (involving real and imaginary components).

Here we have a perfect, symmetrical, mathematically precise definition of the spacetime "container". It's a 6D domain, meaning that Einsteinian 4D spacetime is *false*. Einstein and his colleagues never proposed any sufficient reason for time being a kind of space, yet having only a single dimension. This is an astonishingly basic issue, but science doesn't concern itself with sufficient reasons – with *rationalism*.

Time, to the senses, seems to be uni-directional. That simple observation has always guided scientific thinking. Even in 11D M-theory, time continues to have a single dimension while seven "rolled up" spatial dimensions are arbitrarily added to the normal "big" space dimensions of length, breadth and height. Single-dimensional time has always been taken for granted even though no scientist has ever succeeded in defining what time is. How can other options be ruled out if time can't be defined in the first place? This shows how dangerously complacent and irrational scientific thinking is.

Time, understood as imaginary space, has three dimensions, exactly like real space and matches real space exactly, dimension for dimension. The two spaces are interlocked and dynamically coupled.

All of the confusion about time has arise because it has been treated as both a form of space (motionless; tenseless) *and* something else (that's in motion; tensed). Time is in fact completely motionless; it's just another name for imaginary space, after all. The thing that moves is not time; the thing that moves is *energy*. Energy, not time, is the quintessence of motion and change. Energy moves through a spacetime container of coupled real and imaginary space. Energy moves; the container does not.

Newton thought of absolute space as a vast container, and time as a vast cosmic clock, ticking uniformly across the whole universe. Einstein abolished this view and fused space and time in spacetime, thus making time a kind of space (and space does not move!).

In Newtonian physics, things move *because* of time. That is, they could not move if time did not exist. They would be frozen forever in space. In this view, time is the universe's source of motion. In Einsteinian physics, nothing really moves at all other than our consciousness – since everything has *fixed* spacetime coordinates.

It's always comical when leading scientists say that Einsteinian physics is merely an amendment of Newtonian physics. Actually, it's a 100% different model of reality. Einstein killed off Newtonian absolute space and time, and he also killed off motion and change (which is why Karl Popper called him "Parmenides" since Parmenides claimed that change was an illusion, as, in essence, did Einstein).

Where Newton, Einstein and all scientists went wrong was that they didn't understand the idea that was core to Leibniz's metaphysical, rationalist science, namely that *motion* is an inherent aspect of existence and indeed its defining quality. You must begin with motion, *not with space and time*. Motion takes place *regardless* of time (and also regardless of space). In this respect, Leibniz was Heraclitus to Einstein's Parmenides since, for Leibniz and Heraclitus, there is nothing permanent except change.

And what *is* motion? It's the intrinsic behaviour of *energy*. As soon as you have energy, you have motion. A universe of energy is a universe *of* motion and *in* motion, and that's true regardless of space and time. So, Leibniz's fundamental conception was that reality comprises energy in motion, just as Heraclitus had earlier maintained that reality was an ever-changing "fire"

(and energy can indeed be metaphorically described as “fire”; “fire” in ancient Greece, was the closest word available for the modern conception of energy).

When time is decoupled from motion and change, its enigmas vanish. Time is then just a stationary container like space, hence can have coordinates assigned to it, as per Einstein. It’s not time that’s responsible for change and motion (as Newton thought); it’s energy. Motion, change and energy are synonymous.

Everything in existence is *always* moving (because there is nothing but energy, and energy is inherently in motion). Things move whether or not time exists, just as they move whether or not space exists. As Leibniz said, thinking itself exhibits motion (because it’s based on dimensionless energy), and it takes place *outside* space and time. In Einsteinian physics, photons move even though any clock attached to a photon would be permanently set to zero. Plainly, time is not a prerequisite for motion.

So, tenseless time is *exactly* the correct description of time when it’s defined in terms of static imaginary space. Tense, on the other hand, has *nothing to do with time in these terms*. Tense is about motion (energy). Motion (energy), not time, is uni-directional. Motion goes in only one direction (forward); nothing can ever go back. Energy can never go backwards. Think of energy as the movement of a point around a circle. The point will travel either clockwise or anticlockwise, and will do so forever. If it moves clockwise, it won’t suddenly stop and then move anticlockwise. That would reduce the universe to chaos where nothing of interest could ever happen. All order and information would vanish. It’s the uni-directional movement around a circle that underpins uni-directional time and creates a so-called arrow of time.

Astute readers might complain that there’s no sufficient reason for movement to be clockwise in preference to anticlockwise, or vice versa. In which case, a static universe is suggested since there would be no resultant motion in any direction. As ever, the inherent properties of the Euler unit circle explain this paradox. The Euler circle has four distinct zones, and we can define these as different kinds of “antimatter” universes with respect to each other. If we live in a world of positive real and positive imaginary numbers then the zone of negative real numbers and positive imaginary numbers is an antimatter version of these zones. In that universe, the clocks would seem, to us, to run anticlockwise (if ours are defined to run clockwise).

Therefore, the Euler circle has the incredible property of ensuring that the *resultant* motion of the universe is indeed zero. All clockwise movement is indeed cancelled elsewhere by anticlockwise movement.

Just as we can get something from nothing even though everything cancels in the end to nothing, so we can get motion even though, in the end, all motion cancels to zero (when the four zones of the Euler circle are considered as a unity).

As soon as time is replaced by motion, “past”, “present” and “future” make perfect sense. The past is where motion used to be but no longer is; the future is where motion will be in due course; and the present is where motion is *right now* (i.e. “now” and “here” give us the current location of a moving point; “now” and “here” are continually changing). There’s no “arrow of time”; only an “arrow of motion”. It’s not even an arrow since, ultimately, it’s cyclical. The so-called arrow is simply clockwise or anti-clockwise motion around a circle.

Motion is always uni-directional. Think of the First Law of Motion. It states that a body will move at a constant speed in a straight line unless acted upon by a force. What it certainly doesn’t say is that the body will, for no sufficient reason, suddenly reverse its motion. “Momentum” and “inertia” are arrows: they keep motion going in *one direction*.

Of course, even if a body is turned around and starts to move in the opposite direction, it’s not going back in time. It continues to move forward in terms of its tensed motion (i.e. to move from the past into the future), but in a different *spatial* direction (where “spatial” refers to both real and imaginary space).

Think of a pedometer. If you walk forward a hundred metres and then walk back a hundred metres, your pedometer shows two hundred metres travelled, not zero. If you were carrying a watch, it would never show the hands ticking backwards, *no matter what you do*. Moving backwards in the spacetime container (of real and imaginary space) does not involve any “tensed” reversal, i.e. you do not start to travel into the past. Motion *advances*. It *never* retreats. Its direction in real and imaginary space can be continually altering and reversing, but its tensed direction (from past into future) never changes. There is no such phenomenon as reversing tense (i.e. switching from “present with past behind it and future ahead of it” to “present with future behind it and past ahead of it”, which is the only possible true meaning of the expression “going back in time”).

We are all moving *through time*, or *in time*. It's not time that's moving. Time, like space, is simply a container in which movement occurs. If the container wasn't there, motion would continue anyway (as *thought*).

This is a fundamental definition which science must embrace if it's to make any further progress. The primacy of motion over time must be acknowledged. Time and space were created when the material world was created. Prior to that, space and time did not exist, but the Ontological Singularity was still in infinite motion – *mental motion outside space and time*. As ever, science founders on its refusal to accept mind as the primary reality with matter as its derivative. Science insists on making matter primary, with mind derived from it, and that's why it can't solve problems such as time, nor mind, life, consciousness and free will.

Inexorable forward movement, not time, is the origin of past, present and future (i.e. *tense*). Movement *always* takes places towards the future and away from the past, never vice versa. Movement never goes back. Reversing spatial direction isn't the same as reversing motion. Motion couldn't care less what the spatial direction is; spatial direction is arbitrary as far as motion is concerned – no spatial direction is privileged over any other.

Going *forward* from past to future is a fundamental law of motion. The best way to think of it is in terms of clocks. In our universe, clocks *always* tick clockwise. It's *impossible* for ordinary clocks to tick anticlockwise (which would be the only way to genuinely go back to the past; but that would then *erase* everything that had just happened, which is impossible).

In the mirror image (antimatter) version of the universe, all clocks go counter clockwise and can never go clockwise. Whatever phase of the universe you are in, you have a unidirectional sequence of past, present and future. This can never be reversed. The *technical* reverse does exist but only in another phase of the universe where they think they're the ones going forward, and that we're the weird ones with backward running clocks.

We are separated by temporal barriers from phases of the universe where clocks run in the opposite direction. These other universes are formally unreachable.

The fastest speed we can go at through space is light speed, where clocks don't tick at all. However, this has no effect on tense. Motion still takes place and moves from past to future via the present. This is a key point. Photons

don't experience time, but they certainly experience *tense*, i.e. past, present and future all apply to photons, even though all clocks have stopped. Therefore, past, present and future have nothing to do with time and clocks. Past, present and future are all about *tensed motion*. Tensed motion must replace the scientific understanding (or, rather, misunderstanding) of time.

“People like us, who believe in physics, know that the distinction between past, present and future is only a stubbornly persistent illusion.” – Einstein

This is absurd! Einstein's comment shows how staggeringly ignorant physicists are in their grasp of time.

Physicist Lee Smolin asserted that reformulating the concept of time could be central to producing the “theory of everything” that merges relativity and quantum theory. He's absolutely right about that. One thing's for sure. The “final” theory must be the *right* theory. If it's wrong then, self-evidently, it will fail, hence won't be final.

“Time is what you measure with a clock.” – Einstein

What clocks definitely don't measure is time going backwards, which, according to Einstein's logic, they should be able to do. Clocks, contrary to what Einstein believed, *do* measure tense (i.e. past, present and future) via their unidirectional motion. If you know that a clock can never run counter clockwise then you always know where the past was, the present is and where the future will be. Tense is no kind of illusion, as Einstein claimed.

If time was *born* in the Big Bang then time can also *die*. What can never die is tense: past, present and future.

In order to explain dark energy, some cosmologists have suggested that the “dimension of time” is slowly turning into a new dimension of space. This is preposterous. What possible sufficient reason could be provided for any such statement? This highlights science at its very worst – throwing out almost insane speculations and hypotheses, and praying that something sticks.

How can scientists say what time is changing into if they don't know what it is in the first place? They can't even account for why time in their theory has only a single dimension and possesses an arrow, making it radically different from space.

New Names for Old Rope

“Time” should be renamed as imaginary space. Clocks measure distance travelled through imaginary space. The *direction* in which the hands of the clock move (clockwise rather than anti-clockwise) indicates tense (the direction from past to future).

If everyone talked of a 6D universe of 3 axes of real space and 3 of imaginary space, everyone would develop a far better understanding of physics.

Space and time are “containers”. Motion takes place through a container of space, time, or spacetime, depending on circumstances. We – the human race – are mostly travelling through time (imaginary space).

If a clock measures distance travelled through *imaginary space*, “time” in its tensed sense refers to the *direction* in which the clock ticks (clockwise in our world). It’s the direction of travel of the hands of the clock (*always* going forwards) that separates past, present and future. “Past” is where the hands once were (but will never be again – in absolute terms, that is; they will be there again given the cyclical configuration of a clock. “Present” is where the hands currently are, and the future is where the hands soon will be. It’s as simple as that. Nothing at all in our universe could ever make our clocks start ticking backwards, hence time travel is impossible.

Some M-theorists appeal to “hypertime”, involving two dimensions of time. As usual, there is no sufficient reason for two time dimensions. It’s just another arbitrary and desperate hypothesis.

“Time is what keeps everything from happening at once.” – Ray Cummings

According to Einstein and most physicists, everything *does* happen at once. That’s the message of “block time”. Mysteriously, it’s consciousness that prevents us from perceiving that everything has indeed happened at once in the block universe.

In truth, it’s motion, it’s *tense*, that keeps everything from happening at once.

Time is often defined as the distance between *events*, just as space is the distance between *locations*. In fact, time is just the distance between locations

in imaginary space. Rulers measure distances in space and clocks measure distances in imaginary space.

Julian Barbour contended that time will one day be seen as a trick of the mind, i.e. it's *unreal*. It's certainly true that time is a hopelessly muddled concept in physics but that tells you a lot about physicists and nothing about time.

Physics and philosophy have both been guilty of catastrophic misunderstandings of time. It's quite remarkable that physics works at all given its blank incomprehension of time.

The misunderstanding stems from a complete denial of the ontology of imaginary numbers, and a denial that *motion* is the most fundamental feature of existence, motion being inextricably linked to energy, the foundation of everything. Motion is energy. Energy is motion. To say that the universe is grounded in energy is to say that the universe is in eternal motion.

The whole universe moves forward at exactly the same rate. That is the *Zeroth* Law of Motion. Any force applied to a body does not change its motion in any absolute sense; only in the relative sense of changing the balance of its motion through space and time, with its default mode being travel through time. An object brought to a halt in space then simply directs all of its motion through time.

The Default Mode

We live in a temporal universe. That's its default mode. This means that the vast majority of motion takes places through imaginary space (time) rather than through real space. It's impossible for the universe to have more than one default mode, hence it's inevitable that we will live either in a universe where the default is travel through time, or one where travel through space is the default. For photons, travel through space is the default (and only) mode.

If we think of heat as low energy electromagnetic radiation (i.e. photonic energy) then the conversion of "useful" energy into increasingly useless heat energy (by way of the Second Law of Thermodynamics concerning entropy) might be considered tantamount to a default temporal universe gradually being converted into a default spatial universe! If all energy in our universe is converted into photons then time stops ... exactly as it does in a black hole singularity.

The Cartesian Plane

All of the mysteries of existence are captured by the Cartesian coordinate system. Every point in the grid is an *unextended* point and therefore a conscious soul by Descartes' definition, or an unconscious soul by Leibniz's. The remarkable fact is that a Cartesian grid – an *extended* entity – is made of *unextended* points. The Cartesian grid is actually a *mental 6D map* in which the extended material world of spacetime comes into being. The material world sits inside a cosmic mind! The cosmic mind takes the form of a perfect mathematical grid.

Descartes, using his very own invention (the mathematical grid), could and should have resolved his own dualist problem of how the unextended and extended domains can coexist, but he failed to see the vital link even though it was right under his nose. He didn't grasp, as Leibniz did later, that all extended things are dependent on unextended things and arise from unextended things. He thought that the unextended and extended were completely separate rather than one (the extended) being the product of the other (the unextended).

Descartes conceived of his Cartesian grid as a vast extended block. He didn't perceive that it was necessarily wholly based on unextended points. Non-extension and extension were already right there together on the grid. A coordinate grid *inherently* combines non-extension and extension. That's its essence.

Every point has zero length: it's unextended. However, as soon as you measure the distance *between* one point and any other point, extension appears. Non-extension corresponds to a "point-in-itself" (the *intra*-point); extension corresponds to the relation between points (*inter*-points). Non-extension is about the *private* domain of a point; extension is about the *public* domain of a point – how it relates to other points rather than to itself.

When we dream, we are in our private world (in the unextended domain) and we set all the rules. When we're awake, we are in the public world and we don't set the rules; those are supplied by the mathematical laws of extended relations.

Is Lorentz Contraction Real?

"Another issue that is sometimes discussed concerns the question whether this contraction is "real" or "apparent". However, this problem only stems from terminology, as our common language attributes different meanings to both of them. Yet, whatever terminology is chosen, in physics the

measurement and the consequences of length contraction with respect to any reference frame are clearly and unambiguously defined in the way stated above.

“In 1911 Vladimir Varićak asserted that length contraction is ‘real’ according to Lorentz, while it is ‘apparent or subjective’ according to Einstein. Einstein replied: ‘The author unjustifiably stated a difference of Lorentz’s view and that of mine concerning the physical facts. The question as to whether the Lorentz contraction really exists or not is misleading. It doesn’t “really” exist, in so far as it doesn’t exist for a comoving observer; though it “really” exists, i.e. in such a way that it could be demonstrated in principle by physical means by a non-comoving observer.’ — Albert Einstein, 1911” – Wikipedia

Vladimir Varićak is of course correct and Einstein wrong. Lorentz viewed length contraction as a real phenomenon. For Einstein, a moving body (perceived relative to itself) remained gloriously unchanged no matter what speed it was moving at, but was perceived to be length contracted by those observing it. Therefore, Einsteinian length contraction is very much in the eye of the beholder, hence is “apparent and subjective”. Einstein’s retort that “...it ‘really’ exists, i.e. in such a way that it could be demonstrated in principle by physical means by a non-comoving observer” is, of course, an empty statement because it would equally well be true of the alternative view that he’s trying to rebut. That is, if length contraction is a real, objective phenomenon then of course it can be demonstrated by physical means. The challenge for Einstein and his ilk was to demonstrate not that the phenomenon existed – since everyone agreed on that – but to show that it happened *exclusively* in the relativistic manner he proposed, and that has *never* been accomplished.

Kinematics versus Kinetics

Kinematics is the branch of classical mechanics that describes the motion of points, bodies and systems of bodies *without consideration of the causes of motion*.

“Eventually, Albert Einstein (1905) was the first who completely removed the ad-hoc character from the contraction hypothesis, by demonstrating that this contraction was no dynamical effect in the aether, but rather a kinematic effect due to the change in the notions of space, time and simultaneity

brought about by special relativity. Einstein's view was further elaborated by Hermann Minkowski and others, who demonstrated the geometrical meaning of all relativistic effects in spacetime. So length contraction is not of *kinetic*, but *kinematic* origin." – Wikipedia

Vladimir Varićak argued that length contraction in Einstein's kinematic interpretation is only an "apparent" or a "psychological" phenomenon whereas in the Lorentz realist theory it's an objective phenomenon.

"However, it was rather a dispute over words because, as Einstein said, the kinematic length contraction is 'apparent' for a co-moving observer, but for an observer at rest it is 'real' and the consequences are measurable." – Wikipedia

This is an absurd reply since the whole point of relativity theory is that *anyone* moving in a straight line at constant speed can consider themselves stationary. It's not a debate over semantics, it's a debate about the nature of reality: is it subjective (psychological) or objective?

If length contraction is treated *kinetically* then it's an objective, real phenomenon. If it's treated *kinematically* then it's simply a psychological, Kantian phenomenon described with mathematical precision.

In Leibnizian dynamic physics, Einstein's stratagem for allowing anything to be described, relatively, as stationary, is abolished since *nothing at all is at rest or ever can be*. A kinetic view of reality is therefore mandatory. A kinematic Einsteinian view is pure fantasy.

In Lorentzian physics based on the existence of the stationary ether against which everything has an absolute speed, length contraction is measurable and *absolute*, so measurement, per se, in no way vindicates Einstein's view over Lorentz's. Yet there's a radical difference between the two views: Lorentz's is based on objective reality ... and Einstein's isn't. In Einstein's view, someone travelling at a constant speed of 99.9% of light speed in a straight line could consider himself stationary, hence undergoing no length contraction. A stationary observer would, however, consider that same person to be undergoing extreme length contraction. So, which is it? *Both* views can't be *real*. The two opposing views in this scenario are kinematic, not kinetic, i.e. they can be accounted for only by a theory that doesn't care about causality and objective reality, but only about the consistency of the equations deployed.

Einstein's theory is wholly bogus and fallacious. It's astounding that it has

survived for over a century. Kinematic theories are not about reality and Einstein's theory is as kinematic as it gets.

As we have seen, Karl Popper described Einstein as "Parmenides" (since Einstein didn't believe in change). He should also have called him "Kant" since Einstein's views are not consistent with the objective reality of space and time. Did Einstein cast some sort of spell over the scientific community? His theories are imbued with bad metaphysics that refute objective reality. They don't make any sense even within science's own Meta Paradigm and have turned science into a set of ad hoc hypotheses divorced from any possible reality.

Einstein simply proves how philosophically illiterate scientists are.

The Power of Math

It shows the incredible power of mathematics that Bernhard Riemann came astonishingly close to a geometric theory of gravity some fifty years before Einstein (and Einstein's general theory of relativity would not exist were it not for Riemann's work). Einstein said of Riemann's groundbreaking contribution, "Physicists were still far removed from such a way of thinking: space was still, for them, a rigid, homogeneous something, susceptible of no change or conditions. Only the genius of Riemann, solitary and uncomprehended, had already won its way by the middle of the last century to a new conception of space, in which space was deprived of its rigidity, and in which its power to take part in physical events was recognized as possible."

Mathematics is *always* ahead of science. How long will it take for science to catch up with the ontological mathematics of Illuminism?

What *was* Einstein's genuinely great contribution to science? It was that he dynamically coupled space and time to create spacetime. Of course, he didn't actually understand the real significance of what he'd done. What he had accomplished, although neither he nor any other scientist recognized it, was the first mainstream insight into what Illuminism had already discovered through the brilliance of Leibniz –that reality is about complex numbers, not real numbers. Time, in Einstein's 4D spacetime, functions as imaginary space, but Einstein perversely refused to acknowledge that fact. Rather than conclude that time is all about imaginary numbers, he concluded that operations involving imaginary numbers can be applied to time. If anything, he flirted with the concept of "imaginary time".

Here's the issue. If you can put the imaginary number in front of the label t (time), do you get:

A) $i(t)$

or B) (it) ?

In A), i is being applied to time as a mathematical operation and produces what might be called "imaginary time". In B), (it) means that we will be counting time in imaginary units, i.e. time itself is an imaginary quantity. We could simply refer to " t ", understanding that t comes in imaginary units.

In fact, to get the terminology strictly correct, we ought to say:

l = distance, t = imaginary distance (so, t actually equals il), $-l$ = negative distance, $-t$ = negative imaginary distance ($= -il$).

And we could equally well say t = time (in imaginary units), $-l$ = imaginary time, $-t$ = negative time, l = negative imaginary time.

Imaginary numbers pop up throughout physics and yet not a single physicist has ever dared to link them to something ontological. Physicists regard imaginary numbers as "scaffolding". You use them to construct a calculation efficiently and then remove the scaffolding at the end, leaving just "real" quantities. Why not simply apply a much more rational rule – anything that features in an equation is ontological. If it weren't, it wouldn't be there! Ontological calculations are about reality at all stages. They are not abstractions – or mixtures of reality and abstraction – from which something real is finally abstracted, which is how physics regards them.

"The foremost place in Einstein's theory of relativity is occupied by a perfectly new and, at first glance, incomprehensibly strange conception of time. Much effort and prolonged work on oneself are needed to become used to it. But it is infinitely more difficult to accept the numerous consequences which follow from the principle of relativity and affect all branches of physics without exception. Many of these consequences obviously contradict what is usually, though often without adequate motive, called 'common sense'. Some of these may be called the paradoxes of the new doctrine." – Professor Chwolson

"Einstein's ideas about time may be formulated as follows: Each of two systems moving relatively to each other has in fact its own time, perceived

and measured by an observer moving with the particular system. The concept of simultaneity in the general sense does not exist. Two events which occur at different places may appear simultaneous to an observer at one point, whereas for an observer at another point they may occur at different times. It is possible that for the first observer the same phenomenon may occur earlier, and for the second, later (Chwolson). Further, of the ideas of Prof. Einstein, Prof. Chwolson singles out the following: The æther does not exist. The concept of space, taken separately, has no meaning whatever. Only co-existence of space and time makes reality. Energy possesses inert mass. Energy is an analogue of matter, and the transformation of what we call the mass of ponderable matter into the mass of energy, and vice versa, is possible.” – P. D. Ouspensky

In a way, Riemann’s failure to grasp the ontological nature of imaginary numbers was a much worse oversight than Einstein’s. Riemann was a supremely imaginative man who used imaginary numbers all the time, and was probably the world’s greatest expert in imaginary numbers in his era.

It shows how deeply ingrained certain prejudices are that a genius such as Riemann couldn’t do something extremely simple: apply the same thinking to time that he did to space. He thought only of space and its topography. Why not time too? It’s so obvious.

Moreover, when he was working on what became known as the Riemann Hypothesis, he was dealing with a 4D topography of two real and two imaginary dimensions.

He was *so close* to treating real and imaginary numbers on a par. All he had to do was assign ontological significance to imaginary numbers – to define them as time – and he would have beaten Einstein to the draw.

What is spacetime? It’s simply the study of the topography of curvature functions based on complex numbers rather than those of real numbers only.

This is a salutary lesson to all mathematicians – always be looking to place an ontological meaning on whatever you’re doing. Ontological mathematics is *not* an abstraction; it’s reality.

It was Riemann, not Einstein, who was the first to grasp that forces (such as gravity) might in fact be manifestations of geometry. Einstein’s theory of gravity is all about how it’s the shape of spacetime that determines how

things move. When an apple falls from a tree to the ground, it does so because it follows the shortest geometric path through spacetime. Nothing pushes it. Nothing pulls it. It's not "attracted" to anything. It doesn't experience any "force" at all. It merely follows the simplest geometrical path available to it through spacetime, and it does so *automatically*.

Imagine flat creatures living in what they perceive as a 2D world, yet which has an *unseen* third dimension which creates strange ridges every now and again. When one of the flat creatures encounters one of these mysterious invisible mountains, they are compelled to ascend and descend it – but since they can't observe the ridge directly, they interpret what has happened to them as a "force" acting on them. Many thinkers believe that "forces" are produced by the presence of higher dimensions, not directly available to our perceptions, and which have the effect of warping our world. We can't see the 4D spacetime gradients and contours in which we are all immersed, but we are completely subject to them.

In Einstein's theory of gravity, spacetime tells mass how to move, but mass also warps spacetime, so they are in a feedback loop. But what, in fact, *is* mass? It's simply concentrated, localized, finitized real space energy. And what is warpable space? It's diffuse real space energy. Imaginary mass is concentrated imaginary space energy and warpable time is diffuse imaginary energy. These different ingredients are all dynamically coupled.

In truth, there are only two ingredients in the material world: real energy and imaginary energy. Monads provide a perfect 6D Cartesian-Gaussian grid of real and imaginary numbers (three orthogonal real axes and three orthogonal imaginary axes). This provides the context and framework for space and time. Real and imaginary energy flowing through this arena create our experience of space and time. When this energy becomes highly concentrated, it is expressed as mass or imaginary mass.

So, you have a 6D complex number container (a *mental* container) and you have real and imaginary energy filling it, like water filling an aquarium. Mass is equivalent to a different phase of energy – the "solid" phase (just as ice is the solid phase of liquid water and steam is its gaseous phase). Solid, liquid and gas phases of *energy* all interact with each other and influence each other.

Everything is just a vast mathematical arena of mathematical functions. Energy is nothing but dynamic mathematical functions.

The supreme tool for understanding reality – the key to everything – is the

Fourier transform and Fourier basis waves (which derive from Euler's Formula). Currently, Fourier transforms are used in particular, limited ways. Time signals are converted into frequency signals, and vice versa. Space signals are converted into wavenumber (spatial frequency) signals, and vice versa. We need the Fourier mathematics of spacetime, and this should be capable of describing the formation of mass and imaginary mass, and from this a Fourier theory of gravity can be constructed.

In fact, quantum mechanics – the jewel of science – is derived from Fourier mathematics, but in rather an ad hoc way. Moreover, it can't be reconciled with Einstein's theory of gravity. By going back to basics and performing Fourier mathematics *correctly* and definitively, using the analytic, necessary truths of mathematics, a proper theory of quantum gravity can be constructed within a perfect 6D mathematical arena.

Fourier analysis is the key to the whole material universe, and it all flows from Euler's Formula (the God Equation). Even better, Fourier mathematics can be applied to dimensionless energy just as much as to dimensional energy, and can fully describe the mind-matter interaction.

In quantum field theory, "forces" are transmitted via the exchange of virtual particles. Einstein's theory of gravity, on the other hand, is about *geometry*. Quantum theorists are trying to bring gravity into the quantum fold via hypothetical virtual particles called "gravitons".

Given the principle of mathematical dualism, it must be possible to define all of the forces of quantum physics in terms of geometry and symmetry. Particles, after all, are just geometrical concentrations of energy, dynamically coupled to the geometry of spacetime in which they sit, and which obey certain symmetry laws.

So, we have two ways to crack the egg of the final scientific theory of everything: through the exchange of "virtual particles" (including gravitons), or through defining everything in terms of the properties of geometry and symmetry.

Well, are you the "last great genius" who is going to make the final breakthrough? Are you a new Riemann or Leibniz? Out there, somewhere, is the person who will take ontological mathematics and make it perfect in every single detail.

Riemann died of tuberculosis, aged just 39. Who knows what wonders he would have achieved if he had lived twice as long?

The Vacuum Catastrophe

“Quantum field theory predicts a very large energy density for the vacuum, and this density should have large gravitational effects. However these effects are not observed, and the discrepancy between theory and observation is an incredible 120 orders of magnitude. There is no generally accepted explanation for this discrepancy, although numerous papers have been written about it. ... One must conclude that there is a deep-seated inconsistency between the basic tenets of quantum field theory and gravity. ... [The vacuum catastrophe] represents the largest discrepancy between theory and experiment in all of science.” – Ronald J. Adler, Brendan Casey, and Ovid C. Jacob

“In cosmology the vacuum catastrophe refers to the disagreement of 107 orders of magnitude between the upper bound upon the vacuum energy density as inferred from data obtained from the Voyager spacecraft of less than 10^{14} GeV/m³ and the zero-point energy of 10^{121} GeV/m³ suggested by a naïve application of quantum field theory. This discrepancy has been termed ‘the worst theoretical prediction in the history of physics!’ This problem was identified at an early stage by Walther Nernst, who raised the question of the consequences of such a huge energy of vacuum on gravitational effects.” – Wikipedia

“Vacuum energy is an underlying background energy that exists in space throughout the entire Universe. Since there is so much space, this background energy is currently estimated to make up about 73% of the total mass-energy content of the Universe. (Dark matter apparently makes up 23%, with all the atoms we know about coming in at 4%.) Current theory has it that the vacuum energy of ‘empty’ space not only contributes to the mass-energy content, it carries the added quality of negative pressure, which provides a mechanism for the accelerating expansion of the universe.

“Associated with the vacuum energy are the virtual particles, which are known to be particle pairs that blink into existence and then annihilate in a timespan too short to measure. They do this everywhere, throughout the Universe. Their behaviour is codified in Heisenberg’s energy-time uncertainty principle. Still, the exact effect of such fleeting bits of energy is difficult to quantify. The observed ‘value’ of the background vacuum energy

is so small, it is involved in one of the largest discrepancies in the history of physics (which is often accurate to 10 decimal places). Particle physicists, in their calculations, somehow come up with an estimate that is 120 orders of magnitude too large. Understandably, this research area is one of the least understood and most active in physics, astronomy, astrophysics, and cosmology.

“The effects of vacuum energy can be experimentally observed in various phenomena such as spontaneous emission, the Casimir effect, the van der Waals bonds[citation needed] and the Lamb shift, and are thought to influence the behaviour of the Universe on cosmological scales. Using the upper limit of the cosmological constant, the vacuum energy in a cubic meter of free space has been estimated to be 10^{-9} Joules. However, in both Quantum Electrodynamics (QED) and Stochastic Electrodynamics (SED), consistency with the principle of Lorentz covariance and with the magnitude of the Planck Constant requires it to have a much larger value of 10^{113} Joules per cubic meter.” – Wikipedia

Zero Point Energy

“The existence of vacuum energy is also sometimes used as theoretical justification for the possibility of free energy machines. It has been argued that due to the broken symmetry (in QED), free energy does not violate conservation of energy, since the laws of thermodynamics only apply to equilibrium systems. However, consensus amongst physicists is that this is incorrect and that vacuum energy cannot be harnessed to generate free energy. In particular, the second law of thermodynamics is unaffected by the existence of vacuum energy.” – Wikipedia

Many conspiracy theorists believe that an infinite amount of free energy is available and that Nicolai Tesla designed a machine to extract it, which has been deliberately suppressed by huge electricity corporations, oil leviathans and corrupt governments.

This is pure fantasy. There is of course an infinite amount of energy in existence; in fact, every single monad has infinite energy! However, this is fundamentally dimensionless, mental energy of exceptionally high frequency. If such energy ever entered the physical universe, it would *destroy* the physical universe. It would be like the ultimate atom bomb. Fortunately, it's *impossible* for extreme dimensionless energy to leave its monadic container. In a sense, it “collapses back on itself” due to the sheer magnitude of its energy content. One might also liken it to light energy trapped in a black hole – the nature and properties of the black hole singularity and its environment prevent light from leaving. A monad is of course itself a very special type of singularity.

In truth, only a narrow range of monadic energy frequencies – at the very low end of the frequency spectrum, hence very “safe” – are capable of emerging from a monad to be shared with similar energy from all other monads. High energy is “intra-monadic” (it remains permanently inside monads) while low energy is “inter-monadic” (it can be shared with other monads). It's this low energy that gives rise to the finitized, controllable, predictable, safe, stable material world we inhabit. If infinite energy could surge back and forwards across the physical universe then there wouldn't be a physical universe!

Scientific materialists *rightly* insist that infinity cannot appear in the material world (if it did, it would annihilate the material world). However,

they then *wrongly* conclude that any equation that generates infinities must be wrong. The vital factor they are missing – because they are ideological and dogmatic followers of the “religious” faith of materialism – is that the material universe is simply a low energy product of a *mental* domain that *can* and *does* inherently contain infinite energy. However, all but a tiny sliver of a monad’s energy is permanently locked inside it and it’s thanks to that ontological barrier that the material world is shielded from annihilatory infinite energy bursts.

The materialists have wrongly inferred that infinite energy is impossible. The true position is that infinite energy exists but dimensionlessly rather than dimensionally, and it is prevented by the laws of mathematics (and hence physics) from entering our world. So, materialists are baffled by black hole singularities and the Big Bang singularity that created the universe in the first place and think there must be something wrong with their theories and equations. M-theory – the ultimate materialist folly – is the attempt to ban zero and infinity from science and from scientific equations. M-theory, science’s great hope, is the most idiotic and false theory that has ever been devised, the theory furthest from the truth and which is more or less trying to make the truth scientifically illegal and prohibited!

Black hole singularities and the Big Bang singularity are trivial in terms of Illuminist Monadology since the Monadology is all about singularities: in fact, every monad is its own singularity! Illuminism is all about the mathematics, physics and metaphysics of singularities and their relations. Singularities are capable of sharing a small, low energy band – and this is the energy of the material world. The material world is simply where monads share a portion of their energy.

Our minds are infinite, but our consciousness – which is tuned into the material world – is an extremely low energy, low power “reducing valve” expression of our “Mind at Large” (to use expressions coined by Aldous Huxley).

In *The Doors of Perception*, Huxley wrote, ““Each person is at each moment capable of remembering all that has happened to him and of perceiving everything that is happening everywhere in the universe. The function of the brain and nervous system is to protect us from being overwhelmed and confused by this mass of largely useless and irrelevant knowledge, by shutting out most of what we should otherwise perceive or remember at any moment, and leaving only that very small and special

selection which is likely to be practically useful.’ According to such a theory, each one of us is potentially Mind at Large. But in so far as we are animals, our business is at all costs to survive. To make biological survival possible, Mind at Large has to be funnelled through the reducing valve of the brain and nervous system. What comes out at the other end is a measly trickle of the kind of consciousness which will help us to stay alive on the surface of this particular planet... Most people, most of the time, know only what comes through the reducing valve and is consecrated as genuinely real by the local language. Certain persons, however, seem to be born with a kind of by-pass that circumvents the reducing valve.”

So, we all have access to infinite energy – *but it’s in our minds!* We don’t have access to infinite, “free” energy in the material universe. We have got all the energy we can ever get, i.e. all monadic energy that could be shared *has been shared*. This process happens automatically.

There’s no miracle Tesla machine, and no reservoir of free energy that can be used in the material world. Yet another absurd conspiracy theory bites the dust. As ever, it was based on ignorance and wild speculation. No one denies that Tesla was clever but he wasn’t *that* clever. He couldn’t turn dimensionless mental energy from the high energy range into limitless energy for our world. No one could: it’s impossible.

In fact, the material universe is itself the *true Tesla machine*. The material world has extracted *all* possible shareable energy from the mental universe. It’s free and there’s an infinite amount of it spread across infinity (since the material universe is infinitely large). What more could you want?

The “physical” universe is simply a low energy expression of mind with the interesting property that it provides a *shared* environment of mental energy, hence permits a public, objective mental experience rather than a private, subjective mental experience.

When we go to sleep and dream, we sever the link to the public arena and enter our private arena. When we awaken, we re-enter “reality” – the public space.

We are *always* dreaming, except sometimes we are dreaming singly and at the other times we are dreaming collectively.

The material world is not there as anything other than a shared product of the contents of our minds. It’s wholly dependent on mind and has no

independent reality. It's a "scientific" arena because it operates according to the single language that all monads understand: mathematics.

The mathematics that apply to the shared universe are extremely rigid, predictable and objective. However, when we dream privately, we are no longer subject to these objective rules, which is why space, time and causality vanish in our dreams. Our attention directs where we go next in a dream – not our physical senses and physical bodies (which are deactivated when we are dreaming).

Why do humans privately dream at all? What's the point of private dreaming? Well, for one thing, it's the ultimate *simulator*. We can have hyper-realistic dreams that simulate the most awful, and also the most pleasurable, things. We can rehearse public life in our private dreams. Also, it's the ultimate downtime. We can leave all the worries, pressures and frustrations of the shared environment behind. Above all, it's where we can experience our numinous Higher Self, albeit through the filter of the unconscious.

If you want to know what death is like, well, you already know! In death, you simply enter an enhanced dream state. Part of that dream state is something very real and very serious: it concerns how you negotiate your reincarnation. Most people have no idea what's going on, so are simply swept along by the "dream current", and end up in any old body. Those who have been correctly trained, know exactly what's happening and can exercise immense mathematical control over the process ... and insert themselves into exactly the body and life they want.

So, make sure you study your mathematics well ... because it will determine the quality of your next life, and what could be more important than that?

Physically, only a small range of low energy frequencies can be shared between monads to create the collective "material" world. To that extent, monads are rather "windowless" (to use Leibniz's term) as far as "physical" interaction with other monads goes (i.e. via material bodies).

Monads are entities of infinite energy, but are linked "physically" only by a vanishingly small (compared with infinity) range of low energy frequencies.

However, what about our mental rather than physical links to other

monads? In this case, there are no physical barriers. Elements (energy frequencies) of our minds could travel into every other monad in the universe, as long as they do so via the mental, dimensionless channel where there are no physical restrictions. Here we can see a route to all manner of psychic phenomena.

However, we can *never* experience what another person experiences. Everyone's experience is always unique. If someone entered your mind, they would still be doing so from the perspective of their *mind*, *their* experiences, *their* qualia and *their* mental schemas.

Moreover, although there are no physical barriers to such interactions, and profound mental access to other minds is theoretically possible, in practice, we all have elaborate mental defences. Just as bodies have white blood cells that attack alien presences in the body, so we have mental counterparts: archetypes that protect against alien intrusion.

It might even be suggested that mentally ill people are those who have poor mental "immune systems", and all sorts of alien influences can attack them mentally and overwhelm them.

Our mental immune system gives most of us robust protection from intrusion from other minds, hence, once again, we are largely "windowless" as far as other monads are concerned (we can't get into their minds, and they can't get into ours). Nothing is perfect, of course, which is why psychic phenomena exist.

The movie *Inception* is noteworthy because it shows how to interfere with another person's dreams and insert alien content into it, while making that person believe it came from him.

Physics and Void

(Excerpts from lectures by Chris Binns, Professor of Physics and Astronomy, University of Leicester, UK.)

What Lies Beneath the Void

"The first observation that we make the moment we set out to study the phenomenon called 'space' is that the adjective 'empty' can never accurately be applied to it. Since we have already found that the energy fields we call 'matter' are all interconnected by other fields, which we call 'forces', there cannot be even the tiniest area of space anywhere in the cosmos in which at least one of these field-types is not present. According to relativity theory,

however, an energy field does not just fill the area of space, which contains it—the field actually is the space itself. Field = Space itself. An energy field determines the actual structure of the space it inhabits; the consequences of this discovery become far-reaching indeed, when we remember that matter is nothing but a particular type of energy field, for this means that matter and space must now be considered inseparable and interdependent. Modern physics considers matter and space to be two different aspects of a single phenomenon. This explains why the closer we look at a material particle; the more all distinctions between it and the space around it become lost. It also accounts for the astounding fact that such particles can be observed actually springing into existence directly from the void, as well as vanishing suddenly back into nothingness. What we are seeing are simply two different sides of the same coin. The reigning model of the universe upheld by physicists today is that of quantum field theory, which effectively combines the laws of classical physics with those of quantum theory and relativity. This view of the cosmos erases all distinctions between matter, energy and space, encompassing them all within a single physical reality called the quantum field. This field is present everywhere, and its most distinctive characteristic is that there are two apparent aspects to its basic nature: (1) it has a continuous structure which we know as space and time because this aspect seems to exist constantly and changelessly throughout the cosmos and also throughout the past, present and future; and (2) it also has a granular or particle aspect which we know as matter and force because in this aspect the quantum field appears in the form of discontinuous, localized particles which enjoy only temporary existence. The field continually oscillates between these two apparently dissimilar states, incessantly transforming itself from one to the other. Now we can no longer consider space to be simply a static background or events or a passive container of objects, for it does in fact possess a vital, self-governing structure of its own. If we want to really understand the nature of a subatomic particle, we must observe it in connection with the space around it, instead of trying to draw distinctions between the particle and that space. Observed in this light, for example, an electron reveals itself to be a kind of energy knot, a blemish on the face of its underlying field. It does not in fact revolve around its nucleus as does our earth around its sun, instead, it propagates through space like a water wave, and clearly does not consist of any selfsame substance at all times. A material particle, it turns out, is simply a local condensation of the quantum field, a

temporary concentration of energy which appears solid to our sight and touch. In the words of Albert Einstein: We may therefore regard matter as being constituted by the regions of space in which the field is extremely intense. . . . There is no place in this kind of physics both for the field and matter, for the field is the only reality.

“The physical vacuum, as the void is called in quantum field theory, is far from empty nothingness, for it contains an infinite number of every type of particle in potential form, which also indirectly means that it contains all material objects in potential form as well. Every object in the world around us is a transient particle manifestation of the quantum field, and every interaction among these objects, as well as between us and them, is also carried by this field in the form of vibrational waves. If it were not for this living, moving void, if it did not continually vibrate in an endless dance of creation and destruction, there would be no physical universe, no perceptible reality at all, anywhere. The discovery that the physical vacuum or void is alive and active is one of the outstanding revelations of modern physics.

“As yet, science does not know what the quantum field is made of, but it is now considered the fundamental substance of all material phenomena in Creation. It is not, however, viewed as the basis of all nonmaterial phenomena, most notably the force of gravity. Convinced that there must exist an even more fundamental ground field which would prove to be the basis of both the quantum and gravitational fields, Einstein spent twenty years of his life in pursuit of such a unified field theory. Finally, in 1949, he presented a mathematical solution which brings these apparently diverse phenomena under the same set of equations, but three decades later his theory remains unverified, since no practicable way has yet been found to confirm the results of his mathematics with experimental evidence.

“Three thousand years ago, the Greek philosophers Leucippus and his student Democritus proposed the concept of the atom, as a fundamental building block of materials, in order to circumvent a paradox that arises with continuous elements (such as earth fire air and water). They pointed out that if matter was really a continuum then you could cut it into smaller and smaller pieces *ad infinitum* and, in principle, cut it out of existence into pieces of nothing that could not then be reassembled. Thus, they reasoned, there must be a smallest piece of matter that could not be further divided the *a-tomon* (uncuttable) from which the word atom is derived. To complete the picture you also need a void in which the atoms move, a concept that

produced fervent debate, for example, is the void a ‘nothing’ or a ‘something’ and is it a continuum or does the void itself have an uncuttable smallest unit? While the atom, the legacy of Leucippus and Democritus, is now a familiar part of the scientific landscape, the true nature of the void remains a mystery. In classical Physics, the void is a ‘nothing’, a simple absence of all matter and energy. Quantum theory tells a different story and states that the void is definitely a ‘something’. It is a seething mass of ‘virtual’ particles that fleetingly appear into and then disappear from our observable universe. This activity, known as quantum fluctuations, corresponds to an intrinsic energy of the void, the ‘zero-point energy’, which, if the void were a continuum, would be infinite. It is generally believed that there is a smallest piece of void, which makes the zero-point energy finite but still colossal beyond the imagination. Each cubic millimetre of empty space contains more than enough zero-point energy to create a new universe. In a sense, the actual value of the zero-point energy is not important because everything we know about is on top of it. According to quantum field theory, every particle is an excitation (a wave) of an underlying field (for example the electromagnetic field) in the void and it is only the energy of the wave itself that we can detect. A useful analogy is to consider our observable universe as a mass of waves on top of an ocean, whose depth is immaterial. Our senses and all our instruments can only directly detect the waves so it seems that trying to probe whatever lies beneath, the void itself, is hopeless. Not quite so. There are subtle effects of the zero-point energy that do lead to detectable phenomena in our observable universe. An example is a force, predicted in 1948 by the Dutch physicist, Hendrik Casimir that arises from the zero-point energy. If you place two mirrors facing each other in empty space, they produce a disturbance in the quantum fluctuations that results in a pressure pushing the mirrors together. Detecting the Casimir force however is not easy as it only becomes significant if the mirrors approach to within less than 1 micrometer (about a fiftieth the width of a human hair). Producing sufficiently parallel surfaces to the precision required had to wait for the emergence of the tools of nanotechnology to make accurate measurements of the force. In the last decade this has happened and a spate of measurements using atomic force microscopes has confirmed Casimir’s prediction to a precision of about 5% and the zero-point energy of the void is an experimental reality. This is just the beginning however as the force has only been measured in very simple geometries such as flat parallel plates. More recent calculations show that the

force is sensitive to geometry and by changing the materials and the shape of the cavity you can alter the magnitude of the Casimir force and possibly even reverse it. This would be a groundbreaking discovery as the Casimir force is a fundamental property of the void and reversing it is akin to reversing gravity.”

Vacuum energy is the background energy that exists in space even when the space is “free” of matter (hence it’s free space). The concept of vacuum energy derives from the concept of virtual particles (a consequence of the energy-time uncertainty principle).

There’s a fundamental misunderstanding in physics about the nature of the Heisenberg uncertainty principle. You will typically see two uncertainty relations: 1) position and momentum, and 2) energy and time.

Given the Fourier nature of reality, the relations ought to be: 1) position and wavenumber (spatial frequency, which is related to spatial energy), and 2) imaginary position (time) and temporal frequency (which is related to imaginary energy).

Because science has no formal definition or understanding of what time is and how, mathematically, it relates to space, it continually produces ad hoc definition often mixing classical physics concepts and quantum physics in an arbitrary and ill-advised way.

There’s nothing at all perplexing about the Heisenberg uncertainty principle. How can you know the frequency of a wave in the spacetime domain? You monitor it for eternity and then you unambiguously know its frequency. Unfortunately, this can’t, of course, be done in any practical sense. Now imagine that you know just *one* point on the wave. Well, could you work out its frequency from a single point of the wave in spacetime? In fact, if you only have one point, that point could belong to *any wave at all*, i.e. to infinite waves and infinite frequencies. That is, if you know a particle’s precise position (you know exactly where it is), you have no idea at all of what kind of frequency wave it’s associated with, hence you know nothing about its energy profile and have no information about where it will be next. Likewise, if you know a particle’s frequency exactly you have no idea where the particle is because it has infinite potential locations.

Position and frequency (energy) always have an antagonistic relationship. The more you know one, the less you know the other.

Spatial position is in an uncertainty relation with spatial frequency, and imaginary spatial position (time) is in an uncertainty relation with imaginary spatial frequency (temporal frequency).

In the conventional position/momentum uncertainty relation, momentum is actually acting as a proxy for spatial frequency (spatial energy).

Virtual Particles

“In physics, a virtual particle is a transient quantum fluctuation that exhibits many of the characteristics of an ordinary particle, but that exists for a limited amount of time and in a finite volume. Virtual particles do not necessarily carry the same mass as the corresponding real particle, although they always conserve energy and momentum. The longer the virtual particle exists, the closer its characteristics comes to those of ordinary particles. Virtual particles may be thought of as arising due to the time-energy uncertainty principle.

“Virtual particles are important in the physics of many processes, including particle scattering and Casimir forces. In quantum field theory, even classical forces — such as the electromagnetic repulsion or attraction between two charges — can be thought of as due to the exchange of many virtual photons between the charges. As an intrinsic part of quantum field theory, their accuracy and use in describing such processes is firmly established, but their ‘reality’ or existence is a question of philosophy rather than science.” – Wikipedia

Virtual particles don’t somehow “pop out of time”. This is an absurd idea. Virtual particles are simply very short-lived energy fluctuations (involving real and imaginary energy, positive and negative) being released from monads and then reabsorbed by monads.

Virtual activity is based on Euler’s Formula and is a manifestation of the Euler Formula *outside* space and time briefly flickering *into* space and time, then back out again.

From Euler’s Formula, a group of four exactly balanced particles can be generated: a real space particle, an imaginary space particle, an “antimatter” (negative) real space particle and an “antimatter” (negative) imaginary space particle. All four of these cancel to zero. We can equally well think of just a pair of particles (one with balanced real and imaginary space characteristics, and its antimatter counterpart), which perfectly annihilate each other. By using a generalized form of Euler’s Formula to accommodate variable

amplitudes and frequencies, we can construct a whole “zoo” of different-energy particles and matching anti-particles that flicker in and out of physical existence. These “virtual particles” emerge from the *mental* domain, and then return to the mental domain when they “annihilate”. The vacuum is simply the mental arena from which energy is continually “leaking” into physical reality and then returning whence it came. Its overall energy is, of course, *zero*.

The Quantum Harmonic Oscillator

“Quantum field theory states that all fundamental fields, such as the electromagnetic field, must be quantized at each and every point in space. A field in physics may be envisioned as if space were filled with interconnected vibrating balls and springs, and the strength of the field were like the displacement of a ball from its rest position. The theory requires ‘vibrations’ in, or more accurately changes in the strength of, such a field to propagate as per the appropriate wave equation for the particular field in question. The second quantization of quantum field theory requires that each such ball-spring combination be quantized, that is, that the strength of the field be quantized at each point in space. Canonically, if the field at each point in space is a simple harmonic oscillator, its quantization places a quantum harmonic oscillator at each point. Excitations of the field correspond to the elementary particles of particle physics. Thus, according to the theory, even the vacuum has a vastly complex structure and all calculations of quantum field theory must be made in relation to this model of the vacuum. The theory considers vacuum to implicitly have the same properties as a particle, such as spin or polarization in the case of light, energy, and so on. According to the theory, most of these properties cancel out on average leaving the vacuum empty in the literal sense of the word. One important exception, however, is the vacuum energy or the vacuum expectation value of the energy. The quantization of a simple harmonic oscillator requires the lowest possible energy, or zero-point energy of such an oscillator to be:

$$E = (1/2)\hbar\omega$$

Summing over all possible oscillators at all points in space gives an infinite quantity. This is most important point. Vacuum energy is summable. To remove this infinity; one may argue that only differences in energy are physically measurable, much as the concept of potential energy has been

treated in classical mechanics for centuries. This argument is the underpinning of the theory of renormalization. In all practical calculations, this is how the infinity is handled.” – DR K N Prasanna Kumar, Professor B S Kiranagi and Professor C S Bagewadi

This whole debate about quantum harmonic oscillators (crudely appropriated from classical harmonic oscillators) is fallacious. Euler’s Formula is the basis of how this problem ought to be treated. The so-called most catastrophic error in physics is nothing more than a catastrophic problem with understanding what the vacuum actually is, and consequently applying an entirely erroneous model. A bogus model cannot supply the right answer and can easily be out by hundreds of orders of magnitude since it doesn’t bear on reality at all.

Quantum physics is full of fallacies. If it can’t define time in a strict mathematical sense (in terms of imaginary numbers), if it can’t explain antimatter properly, if it can’t explain exactly what the vacuum is (a mental, monadic plenum), if it can’t properly explain the relationship between time and space, if it can’t properly define matter, if it can’t state exactly why light speed is the cosmic speed limit, if it can’t comprehend the existence of two domains (a frequency domain outside space and time and a material domain inside space and time), if it can’t explain mind, life, consciousness and free will then ... it’s a bit of joke, isn’t it?!

Science is hopelessly confused. All of its ill-defined, arbitrary, contingent, provisional, ad hoc features and hypotheses mean that there is no chance whatsoever of science in its present form establishing a grand unified theory of everything. It must turn to Illuminism, and ontological mathematics, if it seriously wishes to explain *everything*.

Mathematics alone is the guarantor of truth and precision. Ontological mathematics has no ad hoc features. It provides only analytic, eternal, immutable, necessary truths.

The Mystery of the Lorentz Transformation

Einstein’s special theory of relativity has baffled countless people. Its central principle of relativity directly subverts the principle of objective reality, yet this wholly false principle remains at the core of physics.

The “success” of Einstein’s theory is nothing to do with his relativity principle but everything to do with his use of the mathematical tool known as the Lorentz transformation. It comes in three well-known flavours regarding

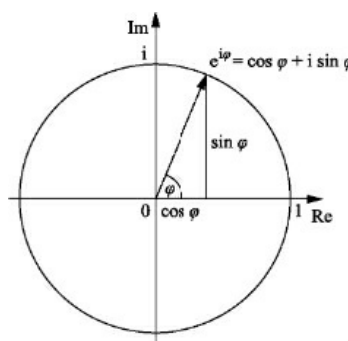
time dilation, length contraction and relativistic mass increase, as speed through space increases.

The extremely controversial element of Einstein's treatment of these relations was that he abandoned the absolute reference frame known as the ether and this meant that *any* non-accelerating body could be defined as stationary. It was now formally impossible to say what was truly moving and what wasn't. Therefore, one moving body could see itself as stationary and apply the Lorentz relations to another moving, or indeed stationary, body. But that body could do exactly the same in reverse. So, if length contraction, for example, can be applied to one, it can also be applied to the other, yet each can define itself as stationary, hence not length contracted at all, so it's now *impossible* to define an objective, agreed reality. Everything is reduced to *subjective* mathematical relations (i.e. each observer can mathematically define the universe with himself at the centre, with him as the defining element, rather than as just one node in an infinite objective universe where he has no special place whatsoever). Physics preferred this weird option to the alternative: an ether that exists but cannot be observed or detected (thus violating the empiricist materialist Meta Paradigm of science).

The dilemma was straightforward: you could have objective reality only if you accepted an ether *outside* the empiricist materialist Meta Paradigm of science; otherwise you had to reject objective reality and embrace relativity. The scientific world chose the latter route and abandoned objective reality.

Now, it's essential to bear in mind that Lorentz himself was not a relativist and used the Lorentz relations in an absolutist sense, so the Lorentz transformation itself is not inherently relativist. It can be used *either* relativistically or in an absolutist sense.

In fact, all of the same results of Einstein's theory can be obtained without Lorentz transformations and in a wholly absolutist context. The key is Euler's Formula and the unit circle it defines:



The imaginary axis defines imaginary space (time), and the real axis defines real space. The radius of the circle is defined as the speed of light (and has the value of “1”; note that even as the circle expands, its analytic properties don’t change, ensuring constant, predictable behaviour – and allowing us to use the unit circle as our template). Plainly, the radius of the unit circle never changes (and circles with different radii have, in any case, the same analytic properties and can be directly mapped back to the unit circle), so the speed of light will remain exactly the same in *any* circumstances, which was the main puzzle that Einstein’s special theory of relativity sought to address. It’s built into the architecture of the universe – a universe based on complex numbers, not real numbers.

Apart from the speed of light – which is a complex numbered entity (this fact has never been understood by science which is based exclusively on real numbers as “reality”) – two other speeds can be defined: one through real space (v_s) and one through time (v_t). The speed of light is always a composite of these two speeds, defined by nothing other than Pythagoras’s Theorem:

The “light equation”: $c^2 = v_s^2 + v_t^2$

So, c is defined by complex numbers, v_s by real numbers and v_t by imaginary numbers.

When $v_t = 0$ (zero speed through time), $c = v_s$. *Photons* are the archetypal particles that travel through space but not through time. Photons are real space particles and are associated with pure cosine waves.

When $v_s = 0$ (zero speed through space), $c = v_t$. *Chronons* are the archetypal particles that travel through time but not through space. Chronons are imaginary space particles and are associated with pure sine waves. (When chronons are eventually discovered, it will be one of the greatest breakthroughs in the history of science – you heard it here first!)

When v_s and v_t are both greater than zero, complex numbers reign and moving bodies have both real and imaginary components, which are dynamically and inversely coupled. The more something moves through real space, the less it moves through imaginary space, and vice versa.

This is an *absolute* framework. It contains no Einsteinian relativity, but it provides all of the same results, in an enormously more powerful and perfectly defined analytic mathematical framework that has no ad hoc features.

Not only does this framework explain the constancy of the speed of light, length contraction, time dilation and relativistic mass increase – everything that Einstein’s theory “explains” – it also brings the most potent analytic tool of mathematics into the heart of physics, and revolutionizes the whole subject. Euler’s Formula is at the heart of Fourier mathematics, which is at the heart of quantum physics, so by replacing Einstein’s theory with one based on Euler’s Formula, we immediately bring “relativity” and quantum mechanics into a single, unified theory.

Using, $c^2 = v_s^2 + v_t^2$ and assigning a value of “1” to c (and always using absolute values for consistency):

If $v_s = 0.866$, $v_t = 0.5$

If $v_s = 0.707$, $v_t = 0.707$

If $v_s = 0.5$, $v_t = 0.866$

When you use the Lorentz transformations from Einstein’s theory, and insert the values for v_s that we have specified above, to calculate the Lorentz *alpha factor* (the reciprocal of the more traditional Lorentz *gamma factor*), you get exactly the values we have specified for v_t .

Human beings typically travel at light speed through *time* (imaginary space). We have more or less zero speed through space. Humanity’s definitions of time and space are made within that context. So, when we do something “unnatural” – travelling through space and diverting motion away from time – we have to refer our motion back to our original motion through time only. If we’re travelling at 0.866 of light speed through space, this equates to 0.5 of our normal speed through time. From that context, if we then measure the speed of light, the only way for that to produce the expected result is for time to be dilated by a factor of two, or for length to be contracted by 50% in comparison with our rest conditions.

We get exactly the same results as Einstein, but using a much simpler technique, and one that exists within an absolute framework of objective reality. It’s time to ditch Einstein’s theory.

Einstein talks of only two speeds: relative speed through space and the absolute speed of light *through space*. He has no concept of a relative speed

through time and an absolute speed of chronons through time (equivalent to the speed of light but through imaginary space rather than real space). Einstein has no concept of imaginary mass either. In other words, although he fused space and time to form spacetime, he did so in a typically empiricist, ad hoc fashion.

Time, for Einstein and physicists in general, had only one dimension, while space had three. That asymmetry would instantly alert a *rationalist* to something being badly wrong. Moreover, there was a speed through space, but not one through time (another fatal asymmetry). There were particles – photons – for which time did not exist, but no equivalent particles (chronons) for which space did not exist (another fatal asymmetry). There were spatial particles with mass but no temporal particles with imaginary mass (yet another fatal asymmetry).

So, Einstein's scheme seemed ingenious, but it wasn't nearly ingenious enough. He broke out of the Newtonian paradigm of absolute space and time, but he did not escape from the overall scientific Meta Paradigm of empiricism and materialism. Like all scientists, he denied the reality of imaginary numbers, hence of imaginary space, imaginary mass and time itself. This meant that something such as Euler's Formula, which perfectly balances real and imaginary numbers, never entered his head.

Just as he rejected imaginary numbers because they were not empirical, Einstein also rejected the ether because it couldn't be empirically detected, hence he arrived at "relativity" (one of the most stupid ideas of all time since it actually jettisons true, objective, scientific reality). The ether is *essential* to any concept of objective reality; it's not however necessary for it to be detectable by human experiments. The *real* world is full of mathematical, rational unobservables such as zero, infinity, negative and imaginary numbers. The ether is just an unobservable but rationally necessary Cartesian-Gaussian coordinate grid, which forms the context for everything else. This coordinate grid is made of minds (functioning as mathematical points), hence is *mental*. It's a perfect, flawless mental, mathematical plenum that guarantees the stability and integrity, and mathematical precision, of the universe.

Why is the whole scientific community still spellbound by Einstein's theory of relativity despite the fact that it's manifestly false and has already been disproved by Bell's Inequality Theorem (and the fact that it's wholly incompatible with quantum mechanics, which requires an absolute rather

than relative background)? It's because it's the last gasp of empiricism. Relativity is what an empiricist rather than a rationalist produces. To a rationalist, the non-observability of the ether is no objection to its existence; to an empiricist it *cannot* exist if it's non-observable. Exactly the same is true of the soul. A soul is a rationally definable entity, with rational properties that make it inherently unobservable (it's both massless and dimensionless). The soul – the monad – is the basis of the rationalist system since it's none other than the mathematical point, the most basic entity from which the whole of mathematics (hence existence) is constructed. However, the soul, to empiricist materialists such as Einstein, is absurd and impossible because it's neither empirical nor material.

Einstein annihilated objective reality in the name of empiricist materialism, and was applauded by nearly all of the scientific community, who shared his fanatical, irrationalist ideology. Relativity was the only obvious way for empiricist materialists to proceed once it was decided that there was no such thing as the ether (just as atheism is inevitable once the existence of the soul is denied).

The choice is extremely simple. You can have a rationalist objective reality based on rational, necessary, analytic unobservables (defined by “complete” mathematics), or you can have an empiricist, relativistic, subjective “reality” where, if something can't in principle be “observed” then it cannot exist.

It cannot be stressed enough that science's obsession with experimental “evidence” has destroyed science as a logical, rational, intellectual enterprise. Science is based on the fallacy that if something exists, it must be amenable to experimentation, and the fatal corollary that if an experiment cannot be performed on it then it cannot exist. Anything that fails the “experiment” test is consigned to metaphysics and fantasy (which are regarded by experimental scientists as essentially the same thing).

Scientists have been brainwashed by the doctrine of experimental evidence and have rejected rational, mathematical proofs that require no experiments.

What do you prefer? – the absolute certainty of mathematical proof or the contingencies and ad hoc nature of experimentation which, in truth, never delivers “evidence” of anything at all. Endless experiments have evidentially “proved” scientific theories that are now known to be false. Experimental evidence is a *clue* to something's truth, not *proof*. As in police work, many

clues turn out to be bogus, misleading, incomplete, tangential, pointing in the wrong direction, leading away from what really happened.

Science is extremely like detective work. Frequently, the wrong people are arrested and jailed, or even executed – all based on erroneous “evidence”.

Verified mathematical proofs, unlike scientific experimentation and the police, are *never* wrong. No one can ever come along and show that Euler’s Formula is wrong. It is right now and forever; it’s *eternally right*.

Existence is either scientific (based on ad hoc hypotheses) or mathematical (based on necessary analytic truths). So, which is it? Does reality make it up as it goes along and is wholly contingent (as irrational empiricist scientists would have you believe), or is it grounded in eternal, immutable, infallible laws (as rationalist mathematicians insist)?

If the universe is rational and our task is to discover its hidden rationality, we would never, rationally, place science over mathematics, and we would never, as scientists do, privilege experiments over analytic proofs. Experiments cannot have any greater status than that of providing potentially useful clues as to mathematical reality; they should never be considered as indisputable “facts” or “evidence” that ought to determine our understanding of reality. For two centuries, everyone believed Newton was right. He was in fact *completely wrong*. Even though Newton’s calculations have proved highly successful, and remain so, that does not imply that they have any truth content (just as Abrahamism is highly successful despite being false in every particular). Every aspect of Newtonian ontology has been shown to be false. That’s a real fact.

Science is a pragmatic undertaking, not something interested in absolute truth. Tragically, scientists have taken pragmatic success as an indicator of truth. Newton had enormously more pragmatic success than Leibniz, but Leibniz was the one who understood the true nature of reality.

Truth and pragmatism are not brothers and partners. They are often polar opposites. If you want Truth, mathematics alone can give you it.

The Enigma of Mass

An object travelling at 0.866 of light speed through space has twice as much mass (because the same energy is being squeezed into half of the length of before, following length contraction). By the same token, it has half of its previous imaginary mass (because imaginary space has now doubled, corresponding to time dilation). Eventually, at light speed through space,

imaginary space has expanded to infinity, and imaginary mass to zero, while real space has contracted to zero and real mass to infinity. However, all of that mass is converted into *dimensionless* energy, thus leaving *zero* mass (photons, for example, have zero mass). That is, nothing with mass can exist in a singularity, so mass must vanish (and be turned into pure, dimensionless, infinite frequency waves).

Mass and imaginary mass have an inverse relationship. When we travel purely through time, we have infinite time energy available to us, and we have zero dynamic mass. (We still have a non-zero rest mass, of course, because the atoms in our body are associated with high speed travel through space, via the high speed of electrons around atomic nuclei.)

The Photonic Enigma

When we consider the Euler unit circle produced by Euler's Formula ontologically rather than as a paper abstraction, it's simply staggering in its power and significance.

Consider the properties of the photon, as conventionally stated by physics. It has zero rest mass (hence has no extension, no volume and is dimensionless), travels only through space and any clock attached to a photon would not tick (time passes infinitely slowly, or, to be more accurate, does not exist at all for a photon). Since a photon has no spatial dimensions and does not experience time then, self-evidently, it is not in space and time at all!! Moreover it exists eternally, is indestructible, and has infinite energy. A photon, looked at in these terms, *is not a particle at all*. So, what is it? It's a pure cosine wave – a pure spatial frequency, a *Fourier basis wave*!!!

Let's consider a chronon in the same way. It has zero rest *imaginary* mass (hence has no extension, no volume and is dimensionless), travels only through *imaginary* space and any spatial measuring instrument, attached to a photon would not "tick" (real space passes infinitely slowly, or, to be more accurate, does not exist at all for a chronon). Since a chronon has no dimensions and does not experience real space then, self-evidently, it's not in space and time. A chronon is a perfect *sine* wave – a pure imaginary space (temporal) frequency, a Fourier basis wave.

So, the area *between* the real and imaginary axes is *spacetime* – the material universe – but the axes themselves are *outside space and time*. In fact, the axes belong to the Fourier frequency domain of perfect basis waves. This is the answer to the great mystery of the physical world. The material world is the *inevitable* product of complex numbers that appear *between* two orthogonal axes of real and imaginary numbers, respectively.

We live in a domain of complex numbers, not of real numbers, and we are bounded by impenetrable frequency walls of real numbers on one hand and imaginary numbers on the other. That is, nothing in this quadrant of the Euler circle can ever *materially* escape to any of the other quadrants of the circle. Moreover, nothing can *ever* exceed light speed and nothing can *ever* engage in so-called time travel (a formal impossibility that immediately follows from the two facts that nothing can travel faster than light, nor leave its Euler quadrant).

As an object travels faster and faster in space, it's actually turning itself into a cosine wave: a pure, eternal frequency of infinite energy. It's often erroneously stated that no material object can ever reach light speed through space. In fact, once a particle has achieved a certain degree of length contraction and mass increase (real, not "apparent"), it becomes the functional equivalent of a collapsing star hole with a *Schwarzschild radius*. It thus irreversibly collapses into a black hole singularity. And what is a *true* black hole? It's a dimensionless, massless singularity of pure energy frequencies (both cosine and imaginary sine Fourier basis waves). It's part of the *mental frequency domain*, and is related to the *origin* of the Euler unit circle, where the real and imaginary axes intersect.

The original Big Bang Singularity – the *Genesis Singularity* – was a dimensionless, massless point of infinite energy frequencies (cosine and sine waves) outside space and time. By a simple mathematical operation of generating *complex numbers* from pure imaginary numbers (sines) and real numbers (cosines), the material world came into being: the entire area *between* the axes.

The Planck Domain

There *must* be an intimate link between the *Schwarzschild radius* (which relates to the classical world) and the Planck constant (which determines quantum effects).

"The Planck mass can be derived approximately by setting it as the mass whose Compton wavelength and Schwarzschild radius are equal. The Compton wavelength is, loosely speaking, the length-scale where quantum effects start to become important for a particle; the heavier the particle, the smaller the Compton wavelength. The Schwarzschild radius is the radius in which a mass, if confined, would become a black hole; the heavier the particle, the larger the Schwarzschild radius. If a particle were massive enough that its Compton wavelength and Schwarzschild radius were approximately equal, its dynamics would be strongly affected by quantum gravity. This mass is (approximately) the Planck mass." – Wikipedia

The Analytic Universe

What we wish to stress above all is that all of the ad hoc, arbitrary, provisional and contingent hypotheses of science can be abolished in their

entirety and replaced by the *precise, analytic* concepts and definitions of mathematics via Euler's Formula, the most sparkling jewel of mathematical analysis.

As soon as you embrace Euler's Formula you are dealing with real *and* imaginary numbers on an equal footing, and with the complex numbers to which they give rise when combined. You are dealing with how pure frequencies (sine and cosine waves) mix, and through that mixing take on hybrid features which are none other than those of the *material objects of space and time*!

One way to imagine reality is as a pure *time* axis of sine waves on one hand and a pure *space* axis of cosine waves on the other – and, in between them, lies the *spacetime* world (the material world). Ironically, the space and time axes are actually *outside* space and time (they belong to the Fourier frequency domain) but they are the necessary *preconditions* for the spacetime world of complex numbers to come into existence.

We have removed all of the absurdities of physics and shown that the basis of physics must be analytic, ontological mathematics, revolving around Euler's Formula, Fourier mathematics, Pythagoras's Theorem, the Riemann Sphere and Riemannian non-Euclidean Geometry. That's it. Nothing else is needed. That's the true scientific Grand Unified Theory of Everything, and includes, at its core, a dimensionless, immortal domain of mind (of eternal energy frequencies) outside space and time.

Until you have grasped that a frequency domain beyond space and time is what allows the domain of space and time to exist in the first place then you have not understood reality at all. Scientists with their insane denial of a domain of pure mind (pure frequency) have ensured that they can never solve the great questions of existence.

What is the much vaunted Higgs field (and associated Higgs boson)? Within the next few years, it will be shown to be a purely mathematical field that does a very simple job – it allows a particular range of pure sine and cosine frequencies to be mixed and become sine-cosine hybrids – which are none other than the “stuff” of the physical world.

It is precisely by constraining sine waves via mixing them with orthogonal cosine waves that we change these waves from frequencies *outside* space and time into material objects *inside* space and time. Pure frequencies outside the range of the Higgs field are immune to its effects and do not acquire mass. These waves *always* travel at light speed, and always through either pure real

space or pure imaginary space (and nothing in between). Hybrid sine-cosine particles have mass and imaginary mass and have two separate speeds: one through space and one through time. Their combined speed through spacetime, calculated via Pythagoras's theorem and taking absolute values, is always constrained to be light speed (the radius of the Euler circle).

The Analytic Properties of the Circle

Since $\sin x = \text{opposite/hypotenuse}$, the angle x is all that matters analytically. Since $\sin 30 \text{ degrees} = 0.5$, the opposite side and hypotenuse must always be strictly proportionate, no matter the radius of the circle, so the circle can expand as much as it likes (corresponding to a light beam travelling further and further from its source) and the basic analytic properties of the unit circle will continue to hold for circles of any radius. This is a critical property because it means that we can use the Euler unit circle to replace Einstein's special theory of relativity.

As an object travels faster and faster in imaginary space (time), it is turning itself into a sine wave: a pure, eternal frequency of infinite energy. Human beings are temporal beings; we are caught in the cosmic time stream. Although we are composed of spatial atoms (which have electrons travelling extremely fast through space around nuclei), we ourselves are almost wholly static in terms of movement through space, or we move through space at extremely slow speeds in comparison with light speed through space. That means that we are travelling at more or less light speed through time.

Even if you were travelling at 300,000 km per hour (an astounding speed), it would still be only a fraction of light speed (1/3600 of it since there are sixty seconds in a minute and sixty minutes in an hour).

Given that any material object travelling at close to light speed through space would collapse into a spatial black hole then we, as temporal beings, must already be inside the temporal equivalent of a spatial black hole (a "proper" black hole combines spatial *and* temporal black holes). There must be a **Schwarzschild radius** not only for spacetime black holes but also for exclusively spatial and temporal black holes. Each has an event horizon, and that means that a temporal being is *trapped* inside a temporal event horizon. This also implies that there is a specific speed through space that human beings cannot attain (the hypothetical spatial escape velocity from the

temporal black hole). If we did, we would die instantly!

All of this leads to a careful consideration of the concepts of “here” and “now”. A photon does not experience time, has no rest mass, no size and it has eternal energy. Those properties are of course incompatible with any definition of “particle” but are consistent with the definition of *wave frequency*. A photon is everywhere spatially at once (because it experiences no time), but since it has no size then it is in a spatial singularity. It is *here*, at a point, and here is *everywhere* because one point is all there is for the photon. This is therefore a pure, eternal, immutable wave frequency: a Fourier basis wave.

By exactly the same token, a chronon does not experience space, has no rest imaginary mass, no size and it has eternal energy (of the imaginary type). A chronon is everywhere temporally at once (because there is no space), but since it has no size then it is in a temporal singularity. It is *now*, at a point, and now is everywhere temporally because one point is all there is for the chronon. All temporal beings and things are at or incredibly close to *now*. “Now” *moves* and does so at the temporal speed of light.

This leads us to a critical problem of definition. Speed is defined as distance travelled in time elapsed. However, if no distance is travelled then speed must be zero. Equally, if no time elapses then speed must be infinite (division by zero). So, “speed”, as scientists understand it, is not applicable to singularities.

All we can say confidently is the tautological statement that time moves at the rate of one second per second (which is just “1”). What’s for sure is that one infinitesimal point in time gives way to another and then another and so on ad infinitum – making “now” the most elusive thing of all. It can never be pinned down and all we can conclude is that an alpha-infinity of “nows” take one second to elapse.

In the temporal singularity of chronons, we can say that space does not exist at all or passes infinitely slowly, or that the distance between spatial points is infinitely large (these are all functionally equivalent statements). Similarly, in the spatial singularity of photons, we can say time does not exist or passes infinitely slowly, or that the distance between temporal points is infinitely large (maximum time dilation).

In the temporal singularity, the distance between temporal points has undergone maximum contraction, reducing all points to zero. Therefore all chronons have zero extension, zero volume and are dimensionless.

In the spatial singularity, the distance between spatial points has undergone maximum contraction, reducing all points to zero. All photons have zero extension, zero volume and are dimensionless.

In a monad, these separate axes of time and space (and separate temporal and spatial frequency singularities with which they are associated) are unified. *Mind* is that which operates via spatial and temporal frequencies contained within a monadic singularity (a soul).

Over and over again, we end up with those two numbers of the soul: zero and infinity. The “physical” world is entirely enveloped by the mental world.

Because mainstream scientists and mathematicians have never considered the ontology of Cartesian-Gaussian complex coordinate grids, they have failed to see reality staring them in the face. Over and over again, singularities present themselves to scientists, and they shudder in horror and try to get rid of them rather than embrace them.

However, if you understand Euler’s Formula correctly and its link to Fourier mathematics and Einstein’s special theory of relativity (but removing its relativistic aspects and replacing them with absolutism), you begin to understand that just as real and imaginary axes are orthogonal to one another, so the temporal frequency axis is orthogonal to the time axis, and the spatial frequency axis orthogonal to the real space axis.

The frequency axes are *outside* space and time, and the space and time axes are *inside* space and time, or, rather, frame spacetime.

This raises the interesting notion of “bosonic” coordinates versus “fermionic” coordinates. Bosonic coordinates are outside space and time and all sit on top of each other within a singularity (they’re “sociable” coordinates), while fermionic coordinates all avoid each other (they’re antisocial) and lie in perfect order along a number line.

Although, for convenience, we represent frequencies as lying along just such a number line, this is not how they operate ontologically. They in fact inhabit a singularity, not a line. A singularity is unextended and mental; a line is extended and material. That – always – is what differentiates mind and matter. Mind is a singularity phenomenon and matter is a line phenomenon.

When we draw coordinate *lines* in relation to singularities, we are committing a category error, but we currently have no means of conveniently representing singularities. They are inherently extremely difficult to represent because everything takes place within a single point. However, some ingenious person will no doubt invent a sensible and useful notation to

distinguish *linear arrays* of fermionic numbers from *singularity arrays* of bosonic numbers.

We usually talk about a 6D universe comprising three real and three imaginary axes. These, of course, are all fermionic axes. In fact, strictly speaking, we ought to talk about a 12D universe since every axis in the 6D system has a frequency axis orthogonal to it. However, these additional axes are actually bosonic singularities. Are they “axes” at all? They are outside space and time, after all.

An axis – a number line – lures us into thinking of extension, of space and time. We need to surmount this problem. We need a new notation that shows something very different going on. The ideal choice would be a circle with its north pole marked as a point at infinity: such a circle is functionally equivalent to a straight line with a point at infinity. A circle like this would symbolically represent a singularity rather than a linear axis.

We have six couplets of orthogonal “axes”:

- 1) Real space axis (x) and real frequency (cosine) singularity (x).
- 2) Real space axis (y) and real frequency (cosine) singularity (y).
- 3) Real space axis (z) and real frequency (cosine) singularity (z).
- 4) Imaginary space axis (x) and imaginary frequency (sine) singularity (x).
- 5) Imaginary space axis (y) and imaginary frequency (sine) singularity (y).
- 6) Imaginary space axis (z) and imaginary frequency (sine) singularity (z).

All of these couplets are in turn orthogonal to all the other couplets.

This is how the universe is configured: lines and circles (or rather singularities). Lines are extended and material; singularities are unextended and mental, comprised of frequencies. Our universe consists, so to speak, of mathematical waves flowing out of frequency singularities into spacetime, and back again. It’s a seamless Fourier feedback system, and it’s infinitely beautiful and powerful. It’s full of delightful symmetries, antisymmetries and asymmetries. Orthogonality dominates the whole system.

Real numbers are orthogonal to imaginary numbers, real frequencies and imaginary frequencies. Imaginary numbers are orthogonal to real numbers, real frequencies and imaginary frequencies. Real frequencies are orthogonal to real numbers, imaginary numbers and imaginary frequencies. Imaginary

frequencies are orthogonal to imaginary numbers, real numbers and real frequencies. Rotation operations allow the whole system to be navigated: you simply keep rotating by ninety degrees in whatever direction is of interest to you.

Negative versions of all these are separated by one hundred and eighty degree rotations.

We can imagine converting a cosine wave into a sine wave by rotating it by ninety degrees in the complex plane, or a sine wave into a cosine wave by the opposite rotation.

Mathematics provides a perfect analytical system in which all of these operations are conducted – unlike the horrendous, ad hoc, mish mash supplied by physics. It's an intellectual disgrace that something so ugly and contingent as physics should, to this day, be preferred over the adamant, eternal, immutable perfection of mathematics. Our universe is mathematics and nothing besides. *It has nothing to do with physics.* Physics is simply an empiricist, materialist approximation to mathematics. It prefers provisional experimental “evidence” to analytic, definitive, rationalist mathematical proofs. You can learn next to nothing about *true* reality via empiricism and experiments. Reality is revealed by rationalist mathematics and, above, all, by the most special mathematical object of all – the *Singularity*.

Existence originates in the Singularity, yet empiricist materialist science denies that there is any such thing as a Singularity since, being immaterial and beyond the reach of any experiment, it's completely outside the Meta Paradigm of science. Science inherently denies the truth. The truth is 100% mathematical and rationalist.

Moreover, the Singularity is about *pure mind* and proves once and for all the primacy of mind over matter. The Singularity is a mental object of infinite frequencies, and from those frequencies, via Fourier mathematics, the spacetime functions of the material world are constructed. You cannot have a material world without a prior frequency domain. It's the precondition.

The frequency domain can exist without the spacetime domain; the converse is not true. Mind *always* precedes matter. Until science grasps this, it will remain a busted flush.

The Cosmic Fallacy

“The Lorentz transformations tell us that time stands still for an object moving at the speed of light. From the point of view of the photon, of course, it is everything else that is rushing past at the speed of light. And under such extreme conditions, the Lorentz-Fitzgerald contraction reduces the distances between all objects to zero. You can either say that time does not exist for an electromagnetic wave, so that it is everywhere along its path (everywhere in the Universe) at once; or you can say that distance does not exist for an electromagnetic wave, so that it ‘touches’ everything in the Universe at once.

“This is an enormously important idea, which I have never seen given due attention. From the point of view of a photon, it takes no time at all to cross the 150 million km from the Sun to the Earth (or to cross the entire Universe), for the simple reason that this space does not exist for the photon. Physicists seem to ignore this remarkable state of affairs, because they know that no material object can ever be accelerated to the speed of light, so no human (or mechanical) observer is ever going to experience this strange phenomenon. Perhaps they are simply so stunned by what the equations say that they have not fully thought out the implications. As I hope to persuade you, though, this curious behaviour of space and time from the point of view of photons may help to resolve *all* the outstanding mysteries of quantum mechanics.” John Gribbin, *Schrödinger’s Kittens and the Search for Reality*

The equation $y = 1/x$ contains a discontinuity at $x = 0$. The ontological meaning of this discontinuity more or less defines existence since on one side of it lies mind (dimensionless existence) and on the other matter (dimensional existence).

In a scientific, mathematical and philosophical sense, Einstein’s special theory of relativity is one of the strangest ideas ever conceived. It’s astounding that so little thought has been given to the *character* of Einstein’s theory.

The equations of Einstein’s theory are so extraordinary because they refer to an *absolute* condition – the speed of light – and yet they declare everything else to be relative. So, how can you have an equation that refers simultaneously to the absolute and the relative? Isn’t that a category error? How can the two co-exist, apparently on a continuum?

Einstein asserts that if an object is travelling uniformly in a straight line at

any speed other than light speed itself (the absolute speed) then it can relatively consider itself stationary, and to be undergoing no length contraction, time dilation or relativistic mass increase. This is true even if you are separated from light speed by only an infinitesimal gap. What we have here – between light speed and sub-light speed – isn't an ontological discontinuity but a change in definitional category (between absolute and relative). This, quite simply, is a category error, and ontology forbids category errors. You can have a relativistic equation with no absolute elements, or an absolute equation with no relativistic elements: you cannot have a hybrid equation with both absolute and relativistic elements. You can have ontological discontinuities, but not ontological category errors.

Einstein's relativity theory is absolutely false. It is arguably the greatest scientific error of all time. It defies the *reality principle*. It rejects objective reality and is meaningless ontologically. All of its testable claims can be explained via alternative absolutist theories. There is no need for it and it serves no function – other than propping up the fallacious empiricist materialist Meta Paradigm of the science establishment. Einstein's theory is more *political* than scientific. It's political propaganda on behalf of the anti-idealists and anti-rationalists.

Let's deconstruct John Gribbin's statement sentence by sentence.

1) "The Lorentz transformations tell us that time stands still for an object moving at the speed of light."

Here we have an absolute condition. Anything travelling at light speed through space does not experience the passage of time.

2) "From the point of view of the photon, of course, it is everything else that is rushing past at the speed of light."

Of course, if this statement were true then "everything else" would be as massless, dimensionless and as timeless as photons (since only massless, dimensionless bodies can move at light speed), meaning that the whole universe is massless, dimensionless and timeless – which is absurd and refutes the reality we encounter every day. Reality is restored as soon as it's conceded that photons do *not* "see" everything else rushing past at light speed. In fact, the precise opposite is true: photons see everything else as

stationary in space.

3) “And under such extreme conditions, the Lorentz-Fitzgerald contraction reduces the distances between all objects to zero.”

In other words, the whole universe would be reduced to a Singularity. However, if that were the case, it wouldn't be “rushing past”, would it?

4) “You can either say that time does not exist for an electromagnetic wave, so that it is everywhere along its path (everywhere in the Universe) at once; or you can say that distance does not exist for an electromagnetic wave, so that it ‘touches’ everything in the Universe at once.”

Anything that is “everywhere at once” has characteristics of the mental (non-local), not physical (local).

5) “This is an enormously important idea, which I have never seen given due attention. From the point of view of a photon, it takes no time at all to cross the 150 million km from the Sun to the Earth (or to cross the entire Universe), for the simple reason that this space does not exist for the photon.”

But if the photon sees everything else as moving at light speed, as Gribbin says, then all of the same considerations must be true for the rest of the universe, meaning that everything in the rest of the universe takes no time to travel anywhere. Plainly, both statements cannot be objectively true. Moreover, if the rest of the universe is made of matter with non-zero rest mass, how could it ever be accelerated to light speed (from the photon's point of view) since that would require *infinite* energy? Special relativity actually says that no material object can reach light speed for precisely this reason – yet Gribbin argues that a photon sees the rest of the universe moving at light speed. Clearly, it doesn't. It's no wonder that Gribbin's logic disintegrates since relativity theory simply doesn't make any sense at all. If a photon doesn't see the rest of the universe moving at light speed then it doesn't see it moving at any other speed either. Therefore, it sees it as *stationary*.

6) “Physicists seem to ignore this remarkable state of affairs, because they know that no material object can ever be accelerated to the speed of light, so no human (or mechanical) observer is ever going to experience this strange phenomenon.”

Or because when they think too hard about it, they realize the whole theory is fallacious and defies reason.

7) “Perhaps they are simply so stunned by what the equations say that they have not fully thought out the implications.”

Indeed! Scientists certainly haven’t thought through the absurd claims made by relativity theory and its all-out assault on objective reality.

8) “As I hope to persuade you, though, this curious behaviour of space and time from the point of view of photons may help to resolve *all* the outstanding mysteries of quantum mechanics.”

It’s certainly essential to consider the question of reality from the photon’s perspective ... and to ditch Einstein’s relativistic thinking and return to objective reality and the reality principle.

Consider the simple action of switching on a lightbulb. How do scientists account for what takes place? Well, they say that an electric current passing through a filament wire generates a high temperature which causes the filament wire to glow brightly and also give off heat. But let’s consider this operation from the point of view of the photons, given that these are massless, dimensionless and do not experience time. We can imagine an infinite reservoir of eternal photons of all conceivable frequencies, existing in a spatial frequency domain. Given that photons are everywhere at once, they don’t notice anything at all when the light bulb is switched on since they are *always* everywhere at once, i.e. nothing changes for them.

So, why is it that photons don’t experience anything different, and yet we do? It’s because we – as beings in a temporal environment – necessarily and automatically view everything through a temporal prism. We see photons in a temporal context – because we see everything in such a context – but photons do not themselves exist temporally and do not “see” the world in temporal terms. Their perspective is wholly different from ours.

One of the most baffling things to contemplate is the actual concept of “speed of light”. If photons do not experience time then, since time is essential to the definition of speed, they do not experience speed either. Photons, from their own perspective, do not have a speed.

However, light obviously does have a speed from *our* perspective since we have measured it. The key point is that we, as beings in a temporal environment, can’t help but see all phenomena through temporal “glasses”.

We impose temporal interpretations even on things, such as photons, that aren't in time at all.

We are not seeing photons “in themselves” (as Kantian noumena, so to speak), but as Kantian phenomena *in time* (even though they are timeless entities).

Scientists always fail to make it clear that when they are talking about photons, for example, they are talking about *atemporal* entities from a *temporal* context. How many people are under the impression that light beams move through time (even though they don't)? Light beams don't move. It's our temporal interpretation of static light beams that adds the movement.

Imagine viewing a thing that's static in space as you race through time. Your perception of where the object is is continually changing as your temporal perspective changes (as you keep moving through time). Using relativistic thinking, you could easily imagine yourself stationary in space while this object is racing past you in space (when in fact you are racing away from it in time).

Science is thoroughly disingenuous. Einstein declared the speed of light to be the cosmic speed limit yet his own theory shows that light does not experience time at all, hence has no speed in the conventionally understood sense. Why do you never see this topic debated in physics textbooks? What science does is apply models and interpretations, but pretend it's talking about an unambiguous reality. In fact, the “reality” is staggeringly ambiguous because it's wholly dependent on your perspective.

There is an *objective* reality – a reality principle – but it certainly isn't simple and unambiguous. It's full of different perspectives and interpretations.

The biggest interpretative issue of all concerns mind and matter. We interpret reality through a spacetime materialist perspective, and materialist empiricists go as far as to say that only this interpretation is valid, and no others are possible, plausible or rationally conceivable.

Our consciousness is highly tied to the physical, local world, but our unconsciousness is in fact wholly non-local and mental. Just as we interpret timeless photons in temporal terms because we are in a temporal environment, so we interpret mental phenomena “physically” because our consciousness evolved to interpret a physical reality. Our unconscious mind, on the other hand, is linked to the mental rather than the physical – which is

precisely why the unconscious seems so strange, mysterious and “otherworldly”. All psychic and paranormal phenomena originate in the unconscious and not the conscious domain, and are rapidly dismissed as nonsense and fantasy by those – the sensing types – who are completely locked into physical, sensory interpretations of reality, and are lacking in intuition and rationalism.

Reality can be understood only mathematically, and requires a huge amount of careful interpretation to make sense of it from the particular perspective – that of spacetime materialist consciousness – from which we view the universe.

To get *beyond* this interpretation, and to be able to glimpse an entirely different *immaterial non-spacetime* reality, we have to use our mathematical reason and intuition to the utmost. There’s no point in appealing to our senses since these are exactly the means by which a particular, localist interpretation of reality is forced on us. To understand the true perspective of timeless photons, you can’t invoke your normal temporal perspective since that’s exactly the central obstacle in your path. If scientists were being consistent, they would deny that timeless things can exist at all, just as they deny that immaterial things can exist. Matter, space and time all go together. As soon as you accept the existence of timeless photons, you have destroyed the prevailing Meta Paradigm of science. Scientists *do* accept timeless photons, but don’t give them any further thought (as John Gribbin observed), hence don’t accept that they refute the whole scientific understanding of reality.

We have to be able to train our minds to escape from particular models, simulations and interpretations. We have to escape from the narrow ways in which our minds and senses have evolved on Earth. To grasp true reality, you *must* understand that entirely different perspectives of reality are available. Above all, you must grasp that there is an eternal mental perspective of reality that would change *everything* you understand about your present existence and the world you live in. It is your *Higher Self* that has this radically different perspective. Your Higher Self is your eternal soul! The more you get in touch with it – via your unconscious – the more soulful you are, and the closer you are to gnosis and divinity. The Gods are those who see the universe from the perspective outside space and time, not inside it. Scientists will never be Gods because they think the materialist perspective inside space and time is the only one there is. They suffer from a staggering lack of imagination, intuition and basic reason.

No one should ever mistake an interpretation forced on us by evolution (for survival reasons, our minds adopted a particular “reducing valve” simulation of the world) as reality.

Bletchley Park Code Breakers

During WWII, the British broke the German code (thought unbreakable) for transmitting secret messages. The code breakers were based at Bletchley Park in England, and 80 percent of the staff were women. However, virtually all of these women were engaged in administration and performing all of the routine, repetitive tasks associated with the code breaking. The difficult tasks were left to an elite group of men.

It’s an extraordinary fact that the average woman is smarter (or more competent) than the average man, but the very smartest human beings (a very small group) are overwhelmingly male.

One of the greatest revolutions that has taken place in recent decades concerns the destruction of heavy industry. Countless thousands of men were engaged in coal mining, steel production, ship building, car production and industrial processing. Men did these jobs and women stayed at home as house wives. No significant intelligence was required for these jobs.

Now, all of these big, labour-intensive industries have collapsed. The “office” has become the dominant place of work and is a highly effeminate, politically correct place. Increasingly, offices are run by women and reflect female values. Since a modicum of intelligence is required to carry out administrative tasks, office jobs are beyond the capabilities of most of the men who once did labouring, industrial jobs.

A huge problem now exists – what do you do with poorly educated men? What jobs can they do in the modern world? These people are the source of crime, violence, drugs and drunkenness. The world has passed them by.

Governments have no idea what to do about this issue. It’s imperative for a whole new working culture to be introduced that can cater for non-academic males.

The Perfected Race

The Illuminati – the Enlightened Ones – the Coming Race – the Perfected Race – the Divine Race – *HyperHumanity*.

The history of the world was decided some seventeen hundred years ago. It's a tale of two Roman Emperors: Constantine and Julian. Constantine, in one of the most disastrous acts in human history, converted to the Devil Worshipping cult of Christianity. This utterly evil religion claimed that Jesus Christ came to save us from the eternal sentence of hell to which humanity had been subjected because of the alleged disobedience of Adam and Eve ("Original Sin"). However, it was Jesus Christ himself who imposed this grotesque penalty on humanity in the first place, so he was in effect coming to save us from *himself*! Without Jesus Christ, there would have been no need for Jesus Christ. Christianity is an absurd, circular religion, irrational and wicked in every conceivable way. It first condemns you then says it knows how to save you. But you wouldn't need to be saved if you hadn't been condemned. The condemnation part is what defines Christianity, not the saving part. Christianity is a religion of condemnation, control and terror – a truly Satanic religion. The only thing people need to be saved from is Christianity. The only person from whom they need protection is Jesus Christ – the Devil!

The wondrous pagan Emperor Julian the Philosopher tried to save humanity by abolishing Christianity and making Neoplatonism the religion of Rome. Tragically, he died young in battle and the last chance to stop Devil Worship was lost. Even worse was to follow with the rise of Arab Judaeo-Christianity – the wicked, violent religion of Islam.

All sorts of garbage has been spoken about the Illuminati by right wing Christian conspiracy theorists and Old World Order stooges such as David Icke. The truth could hardly be simpler. The Illuminati are those who subscribe to the pagan religion of Pythagoras, Plato and Neoplatonism (also Hermeticism and Gnosticism) – a religion now known as Illuminism (or Illumination). It's the world's only rational religion – the religion of *mathematics*.

"All things are numbers." – Pythagoras

"Number rules all." – Pythagoras

The sacred mission of the Illuminati is to destroy the evil, Satanic religions of the Jews, Christians and Muslims and to bring the world global enlightenment via the only sane, rational ground for religion: ontological mathematics where souls are defined as dimensionless Pythagorean-Leibnizian monads (mathematical points) and are characterized by the two most mysterious numbers of all – zero and infinity.

Illuminism is all about an ontological Cartesian-Gaussian 6D coordinate grid (the “ether”), based on three real and three imaginary axes (space and time), Euler’s Formula (the God Equation), Fourier transforms, the Riemann Sphere, complex numbers (rather than the “real” numbers of scientific materialism) and ontological calculus based on monads and infinitesimals. It provides a *complete* explanation of reality – a grand unified theory of everything, including, mind, matter, life, consciousness, the unconscious and free will. All of it reflects mathematics. The universe is 100% mathematical.

Illuminism replaces not only Abrahamism and Karmism (Hinduism and Buddhism), but also scientific materialism. Illuminism is all about rationalist idealism rather than empiricist materialism. The whole of Illuminism can be worked out from the most astounding of all axioms – Leibniz’s Principle of Sufficient Reason (for every fact there is a reason why it is so and not otherwise).

Mathematics alone guarantees you an eternal soul and eternal life. It also offers you the most incredible prize of all – the opportunity to optimize and solve your own personal mathematical code and thereby *become God*!

The Illuminati have appeared at various great epochs in history. Nowhere has their influence been more felt than in the greatest liberating event in human history – the French Revolution, led by two of the towering heroes of the Illuminati: Robespierre and Saint-Just. The French Revolution was the culmination of the Enlightenment which was all about casting down false Gods and false tyrant kings and ushering in a new Age of Reason. Tragically, both the Revolution and the Enlightenment ultimately failed. The world is still ruled by the forces of Endarkenment. The Devil religions still have billions of followers and the tyrant kings have been replaced by super rich capitalists, a few thousand of whom “own” close to half the world and have more power than the kings ever had.

It’s time for the *Second Enlightenment*. It’s time for global Illumination. It’s time for the advent of the Coming Race – the HyperHumans who will construct a Community of Gods on Earth, a Society of the Divine.

Join the War for Freedom, the Second Enlightenment. Become part of the Movement. It's time to seize the Liberty Bell from the tyrants. Become the new shock troops of truth and freedom – the new Knights Templar (which was a secret Illuminati Order wiped out by the Catholic Church when it realized it had been infiltrated by pagan heretics determined to smash it).

The Perfect Sphere

Aristotle asserted that the sphere was the perfect shape for the cosmos. If God were formless matter outside the Sphere of Matter, and all things were motivated by love of God (by infinite attraction, and the desire to touch God in every place possible) then the Sphere would rotate with perfect uniformity.

In terms of the principle of sufficient reason, the circle and the sphere are the *perfect* shapes. Every point on the circumference of a circle is equal (they are all the same distance from the centre); none is privileged over another. Each point on the circumference is the terminus of a radius. All radii are equivalent; none is privileged over another.

By changing the radius (amplitude) or the speed of rotation of a radius around a circle (frequency), any kind of sinusoidal wave can be generated (also taking into account the phase of the wave).

The circle is the *perfect* generator of sine and cosine waves. Perfect sine and cosine waves are the perfect information systems.

By asserting that there is no sufficient reason for any point on a circle or any radius of a circle to be privileged over another, the principle of sufficient reason guarantees that rotating circles provide perfect, uniform systems, incapable of errors or flaws. They are *eternal* systems of rotation, i.e. eternal energy systems since there's no sufficient reason why rotation should ever stop.

The universe, it can never be stressed enough, must be based on *perfect* rational foundations. If there were a single error, no matter how small, it would rupture reality and make existence impossible as anything other than eternal chaos. To have an ordered, organized cosmos, it's a prerequisite to have foundations that can *never* err.

Euler's Formula – which traces out a perfect unit circle in the complex plane – is the only conceivable candidate for establishing perfect ontological foundations for the universe. Via the generalised Euler Formula (which caters for different amplitudes, frequencies and phases, and also for different angular orientations, if we choose to extend it in those terms), the universe is

populated by every possible instance of Euler basis circles and associated waves (leading to Fourier basis waves). This Euler/Fourier plenum ensures that there is not a single ontological gap in the universe. All possible information patterns (based on waves – the perfect information delivery systems) are catered for. The *zero energy* Euler circles correspond to monadic containers.

Note that the Euler system provides a flawless *analogue* information universe. It would be interesting for mathematicians to explore the differences between this universe and an alternative computational, *digital* universe, based on zero and one only, i.e. the binary system.

Inverse Proportionality

“In mathematics, two variables are proportional if a change in one is always accompanied by a change in the other, and if the changes are always related by use of a constant. The constant is called the coefficient of proportionality or proportionality constant. Alternatively, we can say that one of the variables is proportional to the other.

“If one variable is always the product of the other and a constant, the two are said to be directly proportional. x and y are directly proportional if the ratio y/x is constant.

“If the product of the two variables is always equal to a constant, the two are said to be inversely proportional. x and y are inversely proportional if the product xy is constant.

...

“The concept of inverse proportionality can be contrasted against direct proportionality. Consider two variables said to be “inversely proportional” to each other. If all other variables are held constant, the magnitude or absolute value of one inversely proportional variable will decrease if the other variable increases, while their product (the constant of proportionality k) is always the same.

“Formally, two variables are inversely proportional (also called varying inversely, in inverse variation, in inverse proportion, in reciprocal proportion) if one of the variables is directly proportional with the multiplicative inverse (reciprocal) of the other, or equivalently if their product is a constant. It follows that the variable y is inversely proportional to the variable x if there exists a non-zero constant k such that

$$y = k/x$$

“The constant can be found by multiplying the original x variable and the original y variable.

“As an example, the time taken for a journey is inversely proportional to the speed of travel; the time needed to dig a hole is (approximately) inversely proportional to the number of people digging.

“The graph of two variables varying inversely on the Cartesian coordinate plane is a hyperbola. The product of the X and Y values of each point on the curve will equal the constant of proportionality (k). Since neither x nor y can equal zero (if k is non-zero), the graph will never cross either axis.” – Wikipedia

The most important reciprocal relations of all concern time and frequency, and space and wavenumber (spatial frequency), or to use an alternative designation, “extension” versus temporal or spatial frequency (with frequency being “unextended”).

Analytically, the frequency (f) of a wave is defined as the number of oscillations per unit time. The period (T) of a wave is defined as the time it takes for one complete oscillation. The period and frequency are linked by the following relation:

$$T = 1/f$$

This is an analytic relation, but how would we treat this relation *ontologically*? Why should the numerator be “1” ontologically? What sufficient reason can be provided, beyond an arbitrary definition? (Actually, the “1” refers to one second and the frequency is the number of oscillations per second, but the second is an arbitrary human time unit, and is not a natural ontological time unit.) In fact, ontologically, the numerator can be one of four possibilities: 0, 1, ∞ , and “any other number” consistent with a sufficient reason that picks out that number from all alternatives.

In the case of the period/frequency relation, 0 and ∞ do not provide productive numerators. “1” does, but why not “2”, “19”, “6.67” or any other number? “1” is more convenient than these alternatives, but that doesn’t make it truer.

Ontologically, we can conclude that this is an inversely proportional relation, and the proportionality constant is exceptionally unlikely to be exactly “1” (unless we *define* it to be so). The presence of “1” normally

indicates an analytic relation defined for mathematical convenience rather than for ontological reasons. One of the biggest clashes between ontological mathematics and “abstract” mathematics concerns such relations and whether they have been defined for analytic ease or to reflect ontological reality.

Ontologically, $T \neq 1/f$. Rather, T is \propto (directly proportional) to $1/f$, meaning that $T = k/f$ where k is the proportionality constant. Given the properties of the circle, π or 2π are plausible candidates.

This constant would have an association with one that stands as one of the most profound constants in all of physics – “ h ” – Planck’s constant. Wikipedia says:

“The Planck constant (denoted h , also called Planck’s constant) is a physical constant that is the *quantum of action* in quantum mechanics. The Planck constant was first described as the proportionality constant between the energy (E) of a photon and the frequency (ν) of its associated electromagnetic wave. This relation between the energy and frequency is called the Planck relation:

$$E = h\nu$$

Since the frequency ν , wavelength λ , and speed of light c are related by $\lambda\nu = c$, the Planck relation can also be expressed as

$$E = hc/\lambda$$

The above equation leads to another relationship involving the Planck constant. Given p for the linear momentum of a particle, the de Broglie wavelength λ of the particle is given by

$$\lambda = h/p$$

In applications where frequency is expressed in terms of radians per second (‘angular frequency’) instead of cycles per second, it is often useful to absorb a factor of 2π into the Planck constant. The resulting constant is called the reduced Planck constant or Dirac constant. It is equal to the Planck constant divided by 2π , and is denoted \hbar (“ h -bar”):

$$\hbar = h/2\pi$$

The energy of a photon with angular frequency ω , where $\omega = 2\pi\nu$, is given by

$$E = \hbar\omega$$

The reduced Planck constant is the quantum of angular momentum in quantum mechanics. ... Planck discovered that physical action could not take on any indiscriminate value. Instead, the action must be some multiple of a very small quantity (later to be named the ‘quantum of action’ and now called Planck’s constant). This inherent granularity is counterintuitive in the everyday world, where it is possible to ‘make things a little bit hotter’ or ‘move things a little bit faster’. This is because the quanta of action are very, very small in comparison to everyday macroscopic human experience.”

If energy and frequency were not directly proportional, with h , or \hbar , as the proportionality constant, then energy and frequency would in fact be *identical*. This raises the whole issue of what energy actually is; how it’s to be defined.

In the *dimensionless* domain, energy and frequency do indeed mean the *same thing* (with amplitude serving as a scaling, intensity factor). Any reference to energy is a reference to frequency. A domain of mental energy means a domain of mental frequencies. Frequencies/energy are continuous in the mental domain, not discrete. There is a perfect energy plenum/continuum. This is an absolutely crucial point since it directly contradicts the desire of scientific materialists to make all energy discrete (granular) and thus deny the existence of a monadic continuum, with each monad comprised of an energy/frequency continuum, forming an ontological plenum without a single gap.

The relation $E = hf$ relates to *dimensional* energy. To put it another way, when a *dimensionless* frequency – which is inherently eternal with infinite energy content (i.e. the energy it possesses endures forever and never dissipates by one iota) – is brought into the finitary spacetime system, something has to give, to change.

The concept of a timeless frequency means that if that frequency were to enter spacetime, it would destroy spacetime by virtue of the fact that it possesses infinite energy (i.e. enough energy to sustain it *forever*).

Energy has to be chopped up into “parcels”, “chunks”, “grains” – *quanta* – in order to be dimensionally manageable. Therefore, it’s not a *timeless* frequency that enters spacetime but a temporal or spatial frequency (its spacetime representation). As we’ve seen, time and space *periods* are inversely proportional to frequency, and thus involve a proportionality

constant. This constant must be intimately related to the Planck constant.

The physical world is quantized, but not the mental domain of pure frequencies. If the quantum didn't exist, there would be no physical world at all! Energy has to be turned into discrete, "dimensional, extended" bundles before it can participate in material existence.

It would stand as one of the all-time great achievements if Planck's constant could be worked out through mathematical, analytic means alone, without reference to any experiments.

Energy

The concept of energy is at the heart of physics, yet it's also one of the most poorly defined concepts in physics (almost as vague as time and mass!). There are plenty of equations dealing with energy, but none of them says exactly what energy is.

Science is all about producing models of natural systems, but it has no model at all of fundamental ontology. The closest it gets are the 1D strings of M-theory – which vibrate within an 11D domain (the ontology of which is not explained, and for which no sufficient reason is provided).

Illuminism, unlike any rival, provides a precise "model" of reality. Reality consists of nothing but infinite monads, each of which has infinite balanced energy (resulting in a net energy of zero). The whole system is defined by the generalized Euler Formula:

$A e^{i(fx + \phi)} = A \cos (fx + \phi) + i A \sin (fx + \phi)$, where A is the amplitude, f is the frequency and ϕ = the phase angle (phase shift).

Monads are able to arrange themselves into a perfect Cartesian-Gaussian 6D coordinate grid (thus the ontology of 6D spacetime is that it's constructed from monads – ontological mathematical points).

In Illuminism, there is nothing ontologically unaccounted for. Energy fundamentally exists at points (i.e. it's monadic) and is fundamentally about the frequency and amplitude associated with the generalized Euler Formula.

Energy is about movement – circular movement determined by frequency and amplitude, which is equivalently expressed by wave motion (cosine waves and orthogonal imaginary sine waves), and can also be expressed radially (linearly).

Energy – because it is determined by frequency and amplitude – expresses information (pattern, order, organisation, signals). Energy waves can easily be mathematically added to other energy waves, and reinforce or cancel (as in interference patterns). This is the only process that is happening in the universe, i.e. the mathematical addition of energy basis waves to form dynamic, compounded waves (functions). This is all expressed by Fourier mathematics.

In differential calculus, the gradient of a curve at a point is the limiting value of an infinite series of shorter and shorter straight lines drawn on a curve (leading us to the tangent line), and allows the precise *rate of change at an instant* to be determined. In other words, the differential properties of a complicated function are determined at just one point (*any* point) of the function.

From this differential information, we can perform the opposite process of integration, and recover the original function. Another way of thinking about integration is that it determines the area under a curve by summing an infinite series of infinitely thin strips of varying lengths, with each strip starting at a point on the x-axis and vertically terminating at a point on the function.

Both differentiation and integration are all about zeros (points; monads) and infinity. This means that *all* of the information in the universe is determined at points. Anything else would be an approximation. Points are the *quintessence* of information and energy. Moreover, all of the information of existence itself is ultimately expressed at just *one point* – the Super Collective Singularity, composed of infinite individual singularities.

Leibniz asserted that, via calculus, the whole can be reconstructed from *any* of its parts – a classic statement of holographic thinking where the whole is contained in every part. To this day, the mathematics community says that Leibniz is wrong because, according to the “thinking” of the mathematical establishment, differentiation loses information when applied to additive constants (which differentiate to zero), which can’t then be recovered via the reverse process of integration. Leibniz is of course correct and the rest of the mathematical community wrong! This is a perfect example of one genius knowing more than all of the rest put together, yet he has been drowned out by the fallacious opinions of the ignorant majority (the “common herd” of mathematicians; the mathematical *sheeple*).

As soon as you tie the energy of the universe to points (monads), all of the laws of energy conservation then inexorably apply. Therefore, to say that

information goes “missing” is tantamount to saying that energy is not conserved in the universe – a manifest absurdity. Calculus is ontological, not abstract, hence no information ever goes missing in calculus because this would contradict energy conservation. This is a fundamental law of nature, and no abstract mathematician can wish it away because of his hatred of “metaphysical” monads. All of the information of calculus resides in ontological *points* – monads. That’s a fact. There’s no information *outside* points.

Calculus, as Leibniz alone understood, is the mathematical study of monads. Since the empiricist, materialist, logicist, formalist and abstract schools of mathematics all deny the existence of ontological monads, they all fail to understand what calculus truly is and how it truly operates. Calculus makes no fundamental sense whatsoever unless it is understood to be exclusively about the properties of points (monads). Only Leibniz – the inventor of calculus – understood this. Is it not remarkable that the inventor of calculus has been ignored by the rest of the mathematical community? No wonder Gödel believed that a conspiracy had been waged against Leibniz, with the intention of keeping humanity stupid! The blame starts with the mathematicians who ignored and dismissed Leibniz.

In Illuminism – ontological mathematics – there are monads (points) and nothing besides. These monads are none other than minds – *souls*! Souls are all about energy, about precise mathematical expressions of energy via Euler’s Formula, Fourier mathematics and Leibnizian calculus.

Existence is all about how a universe of point-souls interact mathematically. There are no other processes. Nothing else is going on. Souls have a mathematical *inner* landscape (their private domain) and also interact with all other souls via a collective mathematical *outer* landscape known as the material world (the public domain).

It can’t be stressed enough that, despite appearances, the only things that actually exist are mathematical energy-points (infinite, eternal and indestructible information systems).

To create the universe, all you do is take infinite energy-points (monads), each defined by the generalized Euler Formula, and let them interact mathematically. They will automatically generate a “material” world, since this is implicit in the mathematics of interacting energy-points. Note that absolute energy conservation is built into this system. No energy can *ever* go missing. No information can vanish. The universe can never slow down or

speed up. It can never be stationary. Existence is the eternal expression of monadic mathematics. Euler's Formula, Fourier mathematics and calculus are all about monads and their mathematical relations. Individual monads are unextended and dimensionless, but organized, coordinate-based *arrays* of monads contain the mathematical property of extension (dimensionality), which is the basis of the material world. The properties of the *whole material universe* can be determined from *any* point in that universe. The Leibnizian universe is a *holographic universe*: the whole is in every part, in every point. That is the *key* to existence, and this is the true meaning of Leibniz's Monadology, which has baffled so many people.

Energy is fundamentally dimensionless, but thanks to the mathematical property of extension, it can become dimensional.

Existence consists of one substance only – the *monadic substance* – of which each individual monad is a unique expression (hence a “substance” in its own right, dependent on nothing else for its existence). All monads are autonomous and free. They are “uncaused causes”, i.e. free agents that can initiate causal chains.

“...Leibniz reduced matter to a complex of forces. In this he was anticipating modern field theory, which treats material particles as concentrated fields of force – an anticipation duly recognised by its founder, the Italian mathematician Ruggiero Giuseppe Boscovich (1711 – 87).” – George MacDonald Ross, *Leibniz*

There is no matter. There's only energy (forces). If there's no matter, there's no material world!

What's the essence of the “material” world? It's Cartesian extension – the distance between two points.

In a wave, the *period* is the time it takes for two successive wave crests to pass a given point; the *wavelength* is the distance between successive crests (or troughs) of a wave. If we define time by imaginary numbers then “period” simply becomes “imaginary wavelength”. The frequency (temporal or spatial) is defined as the reciprocal of the period (wavelength).

Note that the distance (period; wavelength) necessarily involves *two* points while the number of oscillations is a *single* number. This is a crucial distinction. The distance involves *extension*, while the frequency is an

unextended number. Frequency can exist in a dimensionless, unextended domain; period or wavelength requires distances between points, hence an extended domain. The relation between distance (period, wavelength) and frequency is one of the extended material domain and the unextended mental domain. The essence of the mental domain is frequency waves of varying amplitudes. The mental domain is all about dimensionless circles and waves. The material world on the other hand is all about rulers to measure the distance between two points and clocks to measure the time (imaginary distance) between two points.

In *all* circles, the ratio of the circumference to radius is 2π . The radius is more fundamental than the diameter since the diameter is just twice the radius.

The Magical Fourier Transform

“The cochlea converts time-dependent signals such as those shown in the oscilloscope trace and converts them into signals corresponding to frequencies. This conversion from time to frequency is the basis of the *Fourier Transform*. The cochlea is a biological system which performs a Fourier transform.” –

<http://www.med.harvard.edu/jpnm/physics/didactics/improc/intro/fourier1.html>

“Euler’s formula relates the complex exponential to the complex number whose real part is the cosine function and whose imaginary part is the sine function. So the complex exponential is a convenient way to deal with both the sine and the cosine of an argument simultaneously. Trigonometry tells us that a cosine (or sine) function with a phase angle is equivalent to a linear combination of the sine and cosine function. The complex exponential allows us to deal with the sinusoidal function and phase angles in a functional form which is often easy to manipulate – the exponential form. We can represent a time-dependent signal as an expansion of its frequency components. In other words, a time signal contains a certain amount of low frequencies, another amount of medium frequencies, and yet a different amount of high frequencies. In fact, the time signal can be expanded into an infinitely divisible spectrum of frequencies... The scale factor $F(\omega)$ for each of the frequencies ω is known as the ‘Fourier Transform’ of the original signal – it gives the amount of each frequency found in the signal $f(t)$...

It is because of this relationship between $F(\omega)$ and $f(t)$ that we refer to the original time signal as the ‘Inverse’ Fourier transform of $F(\omega)$.

The symbol for the relationship between the inverse Fourier transform $f(t)$ and the Fourier transform $F(\omega)$ is:

$$f(t) \leftrightarrow F(\omega)$$

These two functions are referred to as a Fourier Transform Pair.

...

What is the Fourier transform of a simple sinusoidal function? Obviously this is one frequency only – a pure tone. ... For a simple sine wave oscillating at a given frequency, the Fourier transform is a delta function at that frequency

and zero at all other frequencies.

The Fourier transform pair is two *equivalent* representations of the same entity. The time domain is not superior to the frequency domain, it is just a different way of looking at or expressing the information contained in the entity. The entity is referred to as a ‘signal’ in the time domain and a ‘spectrum’ in the frequency domain.

...

Spatial Frequency

We have introduced the concept of the Fourier transform using the familiar ‘time’ and ‘frequency’ duality. Of course this is image processing, and we ultimately wish to take the Fourier transform of two dimensional images. What we end up with is a two dimensional complex spectra of ‘spatial frequency’.” –

<http://www.med.harvard.edu/jpnm/physics/didactics/improc/intro/fourier2.html>

“The Fourier transform of the Gaussian function is another Gaussian ... the narrower a Gaussian is in one domain, the broader it is in the other domain.

...

In Quantum Mechanics, the Heisenberg uncertainty principle states that we cannot simultaneously know a particle’s position and momentum (or direction of motion). This is because the position wave function and the momentum wave function are Fourier transform pairs. The narrower one function becomes, the wider the pair becomes. The better we know position, the worse we know momentum.” –

<http://www.med.harvard.edu/jpnm/physics/didactics/improc/intro/fourier3.html>

“The Fourier Transform can either be considered as an expansion in terms of an orthogonal bases set (sine and cosine), or a shift of space from real space to reciprocal space. Actually these two concepts are mathematically identical although they are often used in very different physical situations. So the real part of the Fourier transform is the decomposition of $f(x)$ in terms of cosine functions, and the imaginary part a decomposition in terms of sine functions.

...

The u variable in the Fourier transform is interpreted as a frequency, for

example if $f(x)$ is a sound signal with x measured in seconds then $F(u)$ is its frequency spectrum with u measured in Hertz (s^{-1}).

NOTE: Clearly $(u \times x)$ *must* be dimensionless, so if x has dimensions of time then u must have dimensions of time^{-1} .

This is one of the most common applications for Fourier Transforms where $f(x)$ is a detected signal (for example a sound made by a musical instrument), and the Fourier Transform is used to give the spectral response.

...

Linearity: The Fourier transform is a linear operation so that the Fourier transform of the sum of two functions is given by the sum of the individual Fourier transforms.

...

A frequently used concept in Fourier theory is that of the Dirac Delta Function... This can be thought of as a very “tall-and-thin” spike with unit area located at the origin.

...

The Fourier transform of a cosine or sine function consists of a single frequency given by the period of the cosine or sine function.” –

<http://www2.ph.ed.ac.uk/~wjh/teaching/Fourier/documents/booklet.pdf>

Note that you can have one, two and three dimensional Fourier transforms. In 6D ontological mathematics, 6D Fourier transforms are required, applying to three real and three imaginary dimensions. This would form the proper basis of a true physics ... a true scientific grand unified theory of everything. The great problem of quantum gravity – which string theory and M-theory seeks to address – ought to be approached via a 6D Fourier treatment of gravity.

Musical Fourier Transforms

One way to think of the Fourier transform is by rough analogy with the piano. The average piano consists of 88 keys, with seven octaves to work with, and with the frequency of the keys ascending from left to right.

Think of each piano key as a timeless, eternal frequency. None of these

keys ever changes. However, endless different compositions can be played on them. So, the keys are static in a sense, but they give rise to dynamic functions. In the mental context outside space and time, these dynamic functions are called “thinking” – an activity that includes feeling, willing, desiring, intuiting and reasoning (but no sensing since there is nothing to sense). Inside space and time, these dynamic functions create the things and activity of the material, spacetime universe, to which our senses are aligned.

As you play a piano, you are continually altering the distance (“extension”) between keys. So, extension is dynamic, but the underlying frequencies are static. By changing the distance between keys, you change which frequencies you add to your musical composition. Fourier transforms are all about the static, timeless basis frequencies while inverse Fourier transforms are all about the dynamic functions produced from these frequencies when they are “played”.

Any symphony can of course be decomposed into constituent notes and written down.

“Sheet music is a handwritten or printed form of music notation that uses modern musical symbols; like its analogs — books, pamphlets, etc. — the medium of sheet music typically is paper (or, in earlier times, parchment), although the access to musical notation in recent years also includes presentation on computer screens. ... Sheet music is written representation of music. ‘Score’ is a common alternative (and more generic) term for sheet music...” – Wikipedia

The score is, loosely speaking, the Fourier transform of the music you hear in the concert hall. [In a true Fourier transform of the music, all of the information would be enormously compressed. You would know what notes were played and how many times they were played, but the order (relating to phase information) in which the notes were played would be buried inside the mathematics of the transform and not neatly set out for you, as in a score.]

Fourier Transforms and their inverses provide the perfect cosmic Music of the Spheres, of which Pythagoras so vividly dreamt.

In the piano analogy, there is a definite distance between keys and a definite

gap in time between the keys being struck. However, in spacetime Fourier functions, the space and time gaps are continually adjusting and the underlying frequency profile is continually adjusting too, unlike for a piano where the number of frequencies (keys) is rigidly fixed.

The Fourier Transform Rainbow

“Rather than the discrete spectral lines (frequencies) appearing in a Fourier series, the Fourier transform has a continuous spectrum to represent a nonperiodic process. The transform of a signal into its continuous frequency components is familiar to us all in nature when white light passing through a glass prism exposes its colour spectrum. When this happens with rain drops it’s called a rainbow. So a rainbow is really nature’s Fourier transform although we’ve never heard anyone call a rainbow a Fourier transform.” –

<http://www-rohan.sdsu.edu/~jiracek/DAGSAW/3.1.html>

Special Fourier Transforms

Below is a table and images of the Fourier transforms of various special functions. The “Dirac delta function”, in relation to time, is a continuous time function with unit area and infinite amplitude at $t=0$, and zero amplitude everywhere else. The Fourier transform of the Dirac delta function is 1.

Time Domain	Frequency Domain
Constant function: $s(t) = K$	Dirac delta function: $S(f) = K\delta(f)$
Dirac delta function: $s(t) = K\delta(t)$	Constant function: $S(f) = K$
Dirac comb	Dirac comb
Cosine function	Two real, even delta functions
Sine function	Two imaginary, odd delta functions
Boxcar function	Sinc function
Sinc function	Boxcar function

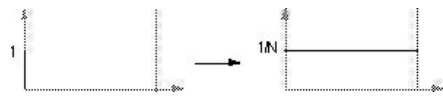
1) Constant \leftrightarrow Dirac delta

The Fourier transform of a constant function is a Dirac delta function.



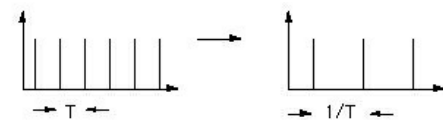
2) Dirac delta \leftrightarrow Constant

The Fourier transform of a Dirac delta function is a constant. The Fourier Transform of the Dirac delta function is composed of an *infinite number of sine waves*, each of the same amplitude.



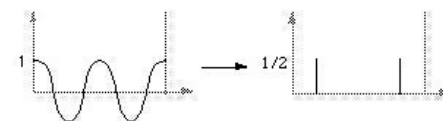
3) Dirac comb \leftrightarrow Dirac comb

The Fourier transform of an infinite train of delta functions with interval T is an infinite train of delta functions with interval $1/T$.



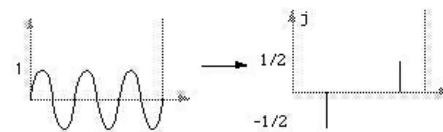
4) Cosine function \leftrightarrow Two real, even delta functions

The Fourier transform of a cos function is a positive Dirac delta function at the appropriate positive *and* negative frequency.



5) Sine function \leftrightarrow Two imaginary, odd delta functions

The Fourier transform of a sin function is a *negative complex* Dirac delta function at the appropriate *positive* frequency and a *negative complex* Dirac delta function at the appropriate *negative* frequency.

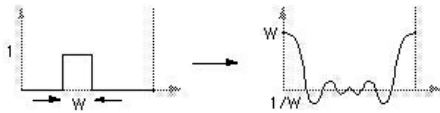


6) Boxcar function \leftrightarrow Sinc function

The sinc function is defined as:

$$\text{Sinc}(x) = (\sin(x))/x$$

The Fourier transform of a square pulse is a sinc function.



7) A broadened Dirac Delta function has low frequency sine waves of high amplitude, and high frequency sine waves of decreasing amplitude



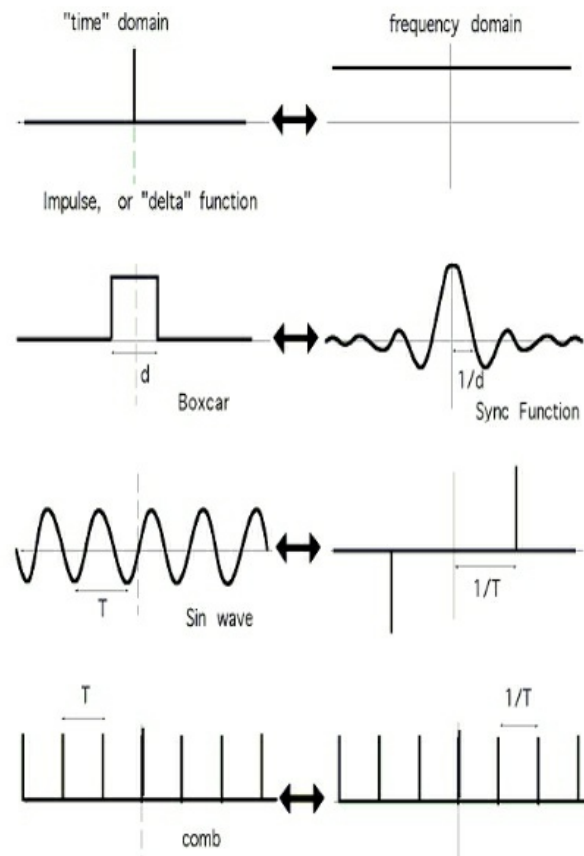
“It is also important to see how one can add up sine waves and get a *single bar* back. ... Let’s start with the narrowest, brightest stimulus that you can have: a really narrow bar that is also really bright – actually, infinitely narrow and infinitely bright. The procedure for getting it is fairly easy (or at least is easily stated). You add up an infinite number of sine waves all of the same amplitude, and all beginning at the same place in their cycle – that is, all of the same *phase*. The sine waves now vary *continuously* in their frequency...

“In most places, all the different sine waves cancel each other out, because some are at their peaks while others at their troughs. But at the origin, instead of cancelling, all of the sine waves add up. The sum just increases and increases, as one adds more sine waves. If one went on adding sine waves forever ... finally the origin would be the only place where a signal remained – every other place would be cancelled out. Hence you get a narrow bright bar from a sum of different sinusoidal gratings.

“In this account, each sinusoidal grating on the continuum is one *Fourier component*. The *Fourier spectra* are the functions that give the respective *Fourier magnitudes* and *phase angles* for each different sinusoid or Fourier component.

“For a narrow bright bar at the origin, the Fourier spectra are very simple. All the different sine waves have the same amplitude, so the Fourier magnitude spectrum, which plots amplitude against frequency, is just a horizontal line of constant amplitude. All the sine waves start out at the same

phase, 90° (the sine of 90° is 1, its maximum value before it's multiplied by an amplitude), so the phase spectrum, which plots phase against frequency, is also just a horizontal line – the phase is constant. The *Fourier transform* is the function which includes both magnitude and phase information. For a narrow bright bar at the origin, the Fourier transform is a constant.” – Naomi Weisstein in *Visual Coding and Adaptability*, edited by Charles Samuel Harris



http://members.optushome.com.au/walshjj/transform_pairs.gif

Note that if you know exactly where something is in time or space (with position being described by the Dirac delta function), you are dealing with *infinite* frequencies in the frequency domain, i.e. if you know position, you have no idea of frequency (energy).

For every different amplitude (of which infinite possibilities are available), infinite frequencies can be associated with it. Equally, if we place each different phase angle at the origin, we can accommodate all possible

phases.

A monad is a point with a *precise location* (in the ontological Cartesian-Gaussian coordinate grid), hence is *necessarily* associated with infinite frequencies (infinite energy of every conceivable wave form), infinite amplitudes and infinite phases. In other words, the Fourier transform of the Dirac delta function mathematically explains the nature of the monad – showing how rooted the monad is in the Euler Formula and Fourier mathematics. The monad is *defined* by the Euler Formula. The monad is an *inescapable* and *fundamental* feature of reality if reality is 100% mathematical. It's the *basis* of reality ... from which everything else is mathematically constructed.

Every monad (each of which is a singularity) can be represented as a superposition of Dirac delta functions reflecting all possible wave frequencies, amplitudes and phases (and we can also rotate all waves plotted two dimensionally through 360 degrees).

Remember, the Dirac Delta function has infinite presence at a single point and is zero everywhere else. The Super Singularity of all monads is therefore just a Super Dirac Delta function. This constitutes the whole of existence. That is, all of existence unfolds within a single, infinitely “structured” point, its structure arising from a mathematical antisymmetry operation that has the effect of producing an infinite mathematical Cartesian-Gaussian coordinate grid in which endless perfect mathematical operations can be performed. The mathematical grid, although infinitely extended, is in fact still fully located *within* the Super Singularity. Why? Because the mathematical grid is not physical – it's mental. It's a way of giving dimensionless points precise identifying, unique coordinates, thus distinguishing them mathematically from all other points.

Illuminism is all about the mathematics of the singularity, of the Dirac delta function, of the Euler Formula, of the Fourier transform, of complex numbers, of the Riemann sphere, of calculus, of Cartesian-Gaussian coordinates, of Riemannian geometry, of Pythagoras's Theorem. There's nothing else. You can work out the whole of existence and reality from these mathematical tools.

The Length of the Sine Wave

In a unit circle, the circumference of the circle equals the period of the sine wave ($= 2\pi r = 2\pi$). But what is the *length of the sine wave*? The relevant

formula is, for the range 0 to π :

$$L = \int_a^b \sqrt{1 + \left(\frac{dy}{dx}\right)^2} dx = \int_0^\pi \sqrt{1 + (\cos(x))^2} dx$$

The result is, to three decimal places, 3.820. Isn't it odd that the *length* of the sine wave is almost wholly ignored in physics and mathematics? Yet it's a quantity directly related to the frequency and therefore must have invaluable information to yield about the nature of energy.

Planck's Constant

The key to the quantum domain is Planck's constant. But what is this ontologically? Where does it come from? Why is it rationally necessary? When energy is dimensionless (inside a monad), it has an absolutely precise position in the Cartesian-Gaussian coordinate grid. It's confined to a single point. The problems start when energy can leave a monad and travel across the coordinate grid, thus becoming dimensional and extended.

Space and time are all about intervals (in real and imaginary space), and these constitute Cartesian "extension". Point particles are all about the Dirac delta function – the point is at a precise location and is nowhere else. These two concepts are contradictory and cannot be married. In *spacetime*, we cannot identify where a moving, "material" point particle is: we can only identify an interval, a range, in which it might be.

If we look at the boxcar Fourier transform (one of the diagrams shown above), we see that it produces a sinc function. If we look at the broadened Dirac Delta function, we see how high energy waves rapidly tail off. If we model the interval in which our particle might be as a boxcar function or broadened Dirac Delta function, we do not have precision regarding position and nor do we have precision regarding energy waves. In the extended universe, we are *always* going to be faced by *imprecise* spacetime intervals and *imprecise* frequency ranges. To specify a *precise frequency* is to lose all positional information. To specify a *precise position* is to lose all frequency information. That's the inescapable mathematics of the Fourier universe. The Heisenberg uncertainty principle is the ontological expression of this fact and is the *proof* that we live in dual-aspect universe of mind and matter, non-extension and extension, dimensionless and dimensional existence, the non-local and local, waves (frequencies) *outside* space and time, and moving point particles *inside* spacetime.

The range associated with where a particle might be is inversely proportional to the range of applicable frequencies, and that means a constant of proportionality *necessarily* applies, and that constant of proportionality is none other than Planck's constant – one of the most fundamental constants of existence.

Dimensionless energy is simply pure frequency. *Dimensional* energy is defined by the relation $E = hf$ where h is Planck's constant and f is frequency. Dimensional energy, unlike dimensionless energy, reflects spacetime intervals and must therefore take into account Planck's constant. Its effect is to prevent mental energy being introduced continuously into the material world; it can only enter the material world granularly, as packets, as *quanta* of energy.

The mental world is in no way granular; the material world most certainly is. But what must be stressed above all is that the material world is granular only because it is underpinned by a mental *continuum*.

It has been said that classical physics can be defined as the limit of quantum mechanics as the Planck constant tends to zero (if such a thing were possible – which it isn't). This is false. For one thing, it implies that classical physics is a coherent system that could conceivably exist. It can't! The quantum of action was originally introduced to explain why the “ultraviolet catastrophe” predicted by classical physics in relation to black-body radiation was not observed in reality. If it were not forbidden by nature, such radiation could be concentrated to infinite extent – and destroy the universe like some super laser beam weapon!

The material world exists purely thanks to quantum mechanics. If h were zero, it would mean that the infinite build-ups of dimensionless energy that occurs only within monads could be applied to dimensional energy too, meaning that infinite energy would be surging around the material universe, making any such universe impossible. Everything would be destroyed by the infinite energy flows.

If h were zero, it would imply no uncertainty regarding the position and momentum of a particle (consistent with the requirements of classical physics). However, it would also imply a continuous energy spectrum across all frequencies, meaning that nothing would obstruct infinite energy build ups. It is in fact quantization, discreteness and granularity that protects and shields the material universe from such catastrophes.

The relation $E = hf$ can be considered as the definition of dimensional

“energy spacing”. Imagine two frequencies: $f_1 = 1\text{Hz}$ and $f_2 = 2\text{Hz}$, and h with a value of 1,000,000 Js. E would have a value of 1,000,000 Joules for f_1 and 2,000,000 Joules for f_2 . This is an enormous energy spacing between them. To jump from f_1 to f_2 requires 1,000,000 Joules, and, without it, no quantum jump can occur. Now imagine h with a value of 0.000001. The energy spacing in this situation is very small; there’s only a narrow gap to be bridged. If we reduce h all the way to 0, there’s no longer any dimensional energy gap at all between f_1 and f_2 , which means that there’s no energy barrier preventing quantum jumps. Anything can make any quantum jump it likes without any difficulty, even making an infinite jump if it wants. In this context, f_1 and f_2 are now separated only in *dimensionless energy terms* by their respective specific frequency values. There is no longer any dimensional energy tariff (gap) to be overcome and energy can flood into the physical world with whatever base frequency it has, including infinite energy! This would make it impossible for any material world to exist.

If h were exactly zero, we might say that there was no such thing as *dimensional* energy. Instead, *dimensionless* energy would straightforwardly equal frequency and there wouldn’t be any quantum effects at all (there are no quantum effects in the dimensionless domain of pure mind and E does indeed equal f since h doesn’t apply).

If, on the other hand, h were extremely large, our lives would be absolutely dominated by quantum effects and the weirdness of quantum mechanics would be apparent everywhere all the time.

As it is, h is extremely small and has the crucial effect of favouring low energy frequencies, and preventing high energy frequencies from entering the material world or from being associated with it. That is, because $E = hf$, energy will be associated with low frequencies rather than high frequencies since it requires too much energy expenditure to create high energy quanta. Energy will selectively target low frequencies because the tariff is much smaller to create such quanta, hence they are much more probable. Why would energy be distributed amongst a few high energy quanta when it could instead be spread around a vast number of low energy quanta? The Second Law of Thermodynamics regarding entropy drives processes in precisely this direction of increasing probability.

“As Heisenberg showed, the product of two ‘uncertainties,’ or spreads of possible values – $\Delta t \Delta f$ (‘delta t, delta f’) – is always at least a certain number. (This product does not depend on physical measurements, since frequency is the inverse of time; it is usually measured in cycles or in radians, and the exact number depends on this choice, purely a matter of convention. Physicists, on the other hand, multiply the uncertainty in position by the uncertainty in momentum, which is the inverse of position; physical measurements enter into the formula and physicists come up with a very different number.)” – Barbara Burke Hubbard, *The World According to Wavelets*

Key Ideas Concerning Fourier Transforms

“... mathematical analysis is as extensive as nature itself; it defines all perceptible relations, measures time, spaces, forces, temperatures... Its chief attribute is clearness ... It brings together diverse phenomena and discovers the hidden analogies which unite them. ... [It] seems to be a faculty of the human mind destined to supplement ... the imperfection of the senses; and what is still more remarkable, it follows the same course in the study of all phenomena; it interprets them by the same language, as if to attest to the unity and simplicity of the plan of the universe...” – Joseph Fourier

1) The *same* information can be presented in two different domains: the spacetime domain and the frequency domain. The frequency domain is the more fundamental. It can exist without the spacetime domain (the Big Bang Singularity – a pure frequency domain – existed before the domain of spacetime came into being; it would be impossible for the reverse to be the case). To stress this point, the material world of spacetime is derived from the mental world of frequencies; matter is a Fourier construct of mind; the frequency domain is the fundamental ontological reality, not the material world – science has therefore got it 100% wrong and is the inversion of the truth and reality. We live in a universe of rationalist idealism, not of empiricist materialism.

2) Although spacetime is a Fourier representation of frequencies, it captures only a very small, low energy frequency range. An almost infinite frequency hinterland exists which *cannot* be represented in space and time terms (because the high energy frequencies are not compatible with the properties of space and time; they would vaporise space and time if they *could* enter

spacetime; they are kept out by Planck's constant). The soul is a quintessentially a frequency entity, outside space and time. "Consciousness" is the aspect of mind which is attuned to the localist spacetime representation. (Mind itself is non-local and is outside space and time.)

3) Starting with a spacetime function, its Fourier transform in the frequency domain can be determined, and vice versa via the *inverse* Fourier transform. This is a perfect translation system (bar a tiny element of inescapable uncertainty owing to the inherently different nature of signals inside space and time and those outside space and time).

4) "The building blocks of Fourier analysis are sines and cosines, which oscillate for all time." – Barbara Burke Hubbard, *The World According to Wavelets*

5) The Fourier basis waves are outside space and time and cannot be altered by anything happening in space and time. In a monad, the frequencies are like eternal piano keys: they can never change. Although monadic frequencies do not change, the subjective, experiencing mind to which they are tied is constantly changing. Mental activity – reasoning, feeling, desiring, willing, etc – is just this changing subjective experience of mathematical frequencies. Mental activity corresponds to the playing of the piano to create limitless different musical compositions, and can be done in both the frequency domains and the spacetime domains. Our Higher Self is the eternal composer outside space and time, and our consciousness is the mortal composer linked to space and time. Mortal composers come and go (via reincarnation), but the Higher Self goes on composing forever, and learns from all the spacetime composers.

6) A *local* characteristic of a spacetime function becomes a non-local, *global* characteristic of the Fourier transform, and vice versa. Complete localisation in the spacetime domain (i.e. we know exactly where a particle is) corresponds to infinite frequencies in the transform. A "discontinuity" (singularity) is represented by a superposition of all possible frequencies. A monad is a discontinuity, a singularity, a Dirac delta function.

7) A very brief signal, well localized in time, or a very narrow signal, well localized in space, necessarily has a very spread out Fourier transform, involving a broad range of frequencies. A very narrow frequency range, by the same token, is extremely spread out in spacetime. Increasing precision in

spacetime leads to decreasing precision (in the sense of a wider range of frequencies) in the frequency domain, and vice versa. Mathematically, the relation is perfectly *precise*; the so-called imprecision and uncertainty that's associated with quantum mechanics relates to scientists' inability to simultaneously state the exact position and momentum of a particle. Mathematically, and ontologically, a particle doesn't have an exact position and momentum. This is a meaningless localist materialist notion. The universe is *not* local and material. Everything happens with complete mathematical precision, but this precision involves an inverse relation between local and non-local signals. The more you localize a signal in one domain, the more you make it non-local in the other domain, and vice versa. There is nothing vague, blurry or probabilistic about any of this. Such terms apply to the futile attempt to describe the world in scientific materialist terms based on well-defined local particles. We don't live in a material universe, and no such particles exist. As soon as people realize it's the localist, materialist description of reality that's destroyed by quantum mechanics the better. Quantum mechanics doesn't make the universe blurry and fuzzy; it provides absolute mathematical, analytic precision, but it does so in terms of a reality based on the interaction of the local and the non-local (matter and mind). It's only if you try to understand quantum mechanics in terms of the localist empiricist materialist Meta Paradigm of science that it seems "weird". Otherwise, it's exactly what you would expect in a dual-aspect universe of mind and matter, localism and non-localism.

8) A Gaussian function in the spacetime domain transforms into a related Gaussian function in the frequency domain.

9) To understand reality, you must accept the existence of an ontological frequency domain *outside* space and time – the domain of *souls*! This, of course, is exactly what scientific materialists and empiricists most strenuously deny because it's totally outside their dogmatic Meta Paradigm, their position of faith rather than reason. Scientists are baffled by quantum mechanics and find it incomprehensible precisely because it makes no sense in terms of empiricism and materialism. Its meaning is however crystal clear in terms of rationalism and idealism. It's exactly what you would expect if the universe is based on monads, Euler's Formula, Fourier transforms, complex numbers and calculus.

10) Schrödinger's wave mechanics version of quantum mechanics (the

standard treatment) is functionally equivalent to Heisenberg's matrix mechanics formulation. Heisenberg's is just a more obscure and intractable mathematical treatment, based on matrices and vectors rather than waves.

11) Quantum mechanics is the *proof* that the universe is grounded in non-localism (mind). It's the *proof* of Illuminist ontological mathematics, defined by Euler's Formula and Fourier mathematics.

12) As soon as you accept Fourier mathematics, you are logically compelled to accept that the frequency domain cannot be any less valid, real and ontological than the spacetime domain; spacetime cannot be privileged over the frequency domain (in fact, the reverse is true since the frequency domain is more fundamental). Scientific empiricist materialism nevertheless *denies* the ontology of the frequency domain. Clearly, no sense can be made of quantum mechanics if one half of the transform relation is deemed "real" and the other "unreal". What conceivable sufficient reason could be provided for this bizarre mixture of reality and unreality? If one half of the transform is unreal then, plainly, so is the other. If one half is real, both halves must be real. Isn't that self-evident? But not to scientists – because they see everything through their distorting goggles of empiricism and materialism.

13) The Fourier transform is the key to the relation between spacetime (the material world) and the frequency domain outside space and time (the mental world). In fact, the mind and matter interaction can be understood *only* via Fourier mathematics. Absolutely nothing else can account for this relation. Fourier mathematics has exactly the right properties to account for mind and matter. There's only one conceivable reason for that: Fourier mathematics is ontologically real. And that means that there's *definitely* a frequency domain beyond spacetime – *a soul world*!

12) To anyone who grasps the ontology of Fourier mathematics, a radical corollary is automatically generated – the universe is a *hologram*. Holography is completely derived from Fourier mathematics. Holography and quantum mechanics are inseparable.

13) A Fourier transform breaks down a spacetime function into its component frequencies, just as a rainbow breaks down blended white light into its component colours.

14) In a Fourier transform, the subtleties of space and time information are

captured by the *phase information*: “The building blocks of Fourier analysis are sines and cosines, which oscillate for all time. In this framework of infinite time, “changing frequency” becomes a contradiction in terms,’ [Dennis] Gabor wrote. Yet we are all aware of the changing frequencies of sirens, speech and music. A Fourier transform hides information about time. It proclaims unambiguously how much of each frequency a signal contains, but is secretive about when these frequencies were emitted. It pretends, so to speak, that any instant of a signal is identical to any other, even if the signal is as complex as a Mozart symphony or changes as dramatically as the electrocardiogram of a fatal heart attack. The information about time is not destroyed (if it were, we could not reconstruct the signal from the transform), but is buried deep within the phases. The same sines and cosines can represent very different moments in a signal because they are shifted in phase so that they amplify or cancel each other.” – Barbara Burke Hubbard, *The World According to Wavelets*

15) Fourier analysis is based on sines and cosines but, thanks to the Euler Formula, these can be replaced by complex numbers: $e^{ix} = \cos x + i \sin x$. However, now we unavoidably see that if Fourier mathematics is ontologically real then complex numbers are too, dealing another fatal blow to scientific empiricist materialism which denies the reality of imaginary numbers. Fourier mathematics, by itself, destroys localist empiricist scientific materialism. Everything about it is fatal to how scientists understand reality. It’s because scientists don’t understand Fourier mathematics that they don’t understand mind, life, consciousness, free will, the soul, quantum mechanics, ontological holography and the ontology of *all* numbers. Quite simply, Fourier mathematics constitutes a revolution in human thinking, one of the most monumental of all time. Virtually no one understands its staggering significance and power.

16) All ontological functions are Fourier functions. Any function incompatible with Fourier mathematics is a non-ontological abstraction.

17) In order to create a theory of quantum gravity and a Grand Unified Theory of Everything, all that is required is to establish a Fourier theory of mass, gravity and curved Riemannian space. Once that exists, it can be merged with quantum mechanics, holography and the Euler/Fourier absolute version of Einstein’s relativistic special theory of relativity to produce a theory that definitively explains *everything*.

The Commutative Law: the Answer to the Enigma of Free Will

The spacetime and frequency domains do not *commute* (do not obey the mathematical commutative law: $ab = ba$), i.e. the order in which mathematical operations are conducted is vital and changes the outcome. This is because the more you localise something in spacetime, the more you make it *non-local* in the frequency domain, and vice versa. It is *precisely* this non-commutability that defines the mind-matter interaction. The body is passive in itself (think of a plant), but active (animated) with regard to mind. When we take a mental decision and make our body move, we are carrying out a non-commutative action.

If scientific materialism were true, all operations would be commutative, as indeed they are in clockwork classical mechanics. In classical mechanics, every particle has a precise position and momentum (like a snooker ball). A commutative universe is a machine universe, with no free will. Free will is a direct consequence of non-commutative operations since it introduces an absolute asymmetry into the universe. A mental action preceding a physical action is completely different from a physical action preceding a mental experience. The commutative law is what makes a nonsense of the scientific materialist attempt to make mind a product of brain states. Mental and physical states do not commute!!! The order in which they take place (mind preceding physical action or physical action preceding mental experience of that action) is all important, indeed one of the most critical facts of existence. To repeat, free will is possible because mind and matter do not commute, just as position and momentum do not commute in quantum mechanics. If this weren't so, the world would be a machine, a computer, and wholly algorithmic and deterministic. Gödel's Incompleteness Theorem would be false (see next section) and it would be possible to prove all truths.

Thank God that the mathematical commutative law is not universally applicable: that ab is not necessarily the same as ba . Quite simply, the laws of mathematics explain *everything*!

The Problem of the Infinite

The Fourier contrast between increasing localisation (up to the limit of a

Dirac delta function) in one domain and increasing delocalisation (up to infinity) in its transform domain (and vice versa), has the most radical consequences. It means that perfect localisation is *defined*, paradoxically, by infinity, and vice versa. In this system of infinity, the whole and the parts are intimately and indissolubly linked. We might designate this as the *Holographic Principle* since it places the whole (infinity) inside every part (the point), and the part (the point) inside every whole (infinity).

An alternative view of infinity is the scientific materialist version, which is essentially about the endless repetition of the finite. If scientific materialism is right then the world is defined by the finite. We take one block and understand it completely in its own finite terms and then we simply keep repeating that block indefinitely. The infinite is not different in kind from the finite, only in degree.

In the holographic view, the finite and the infinite are necessary for the definition of each other. You do not reach the infinite merely by repeating the finite. The infinite is already inside the finite.

With Gödel's Incompleteness Theorem, the infinite thwarts finitary methods. You need the whole before you fully understand the parts. If the formalist mathematicians and scientific materialists were right and the infinite were simply the endless repetition of the finite then Gödel's theorem would not apply. The universe would be entirely programmable and algorithmic. It's the infinite that spares us. It's the infinite that allows the Commutative Law to be subverted.

Freedom is all about zero and infinity.

The Monad

The monad is a zero comprised of infinite frequency elements that balance to zero. The monad in the ontological Cartesian-Gaussian coordinate grid has a precise location (unique coordinates). It is 100% there and 0% anywhere else. It's a singularity, a Dirac delta function. It's also a part of the whole. It's a hologram that comprises one element of a Super Hologram, a cosmic hologram.

The Disgrace

“Mathematician Michael Frazier of Michigan State University was taught that ‘real’ mathematics by ‘real’ mathematicians is and should be useless.” – Barbara Burke Hubbard, *The World According to Wavelets*

This is the disgraceful and unacceptable attitude that prevails in most of the mathematical world. Great mathematical geniuses such as Pythagoras, Plato, Descartes, Leibniz, Fourier and Gödel all recognized that mathematics is ontological. ‘Real’ mathematics is ontological mathematics that tells us about reality; it’s not abstract mathematics that has no connection with reality, as most professional mathematicians seem to believe. Mathematics has been betrayed by mathematicians! They haven’t grasped the central truth of reality that it’s 100% mathematical. Above all, Fourier mathematics is the key to the mystery of the universe because it’s the answer to the mystery of mind and matter and how they interact. Mind is the Fourier frequency domain and matter is the inverse Fourier spacetime domain, and the two domains are absolutely tied together in a feedback loop. The universe, finally, is a hologram and holography is all about Fourier mathematics.

“With the discovery of quantum mechanics, it became clear that Fourier analysis is the language of nature itself.” – Barbara Burke Hubbard, *The World According to Wavelets*

Spacetime Expansion

One of the strangest observations of modern physics is that the universe is expanding. To be more exact, spacetime is expanding, although science normally talks only about the expansion of space (because what would the expansion of “time” mean in conventional physics?)

One of the key consequences of this phenomenon is that if eternal frequencies in the frequency domain are reinterpreted in terms of infinite signals in the spacetime domain then, because space and time are expanding, the spacetime characteristics of these frequencies are also changing. They are *not* changing in the frequency domain (where they are immutable and eternal), but their spacetime properties are altering. To be specific, all frequencies are being “red-shifted”, i.e. being stretched from high energy frequencies to lower energy, longer wavelength waves. At the limit of the process, the red-shift will affect *all* waves and convert all of them, no matter how they began, into waves with infinitely long wavelengths and zero energy (i.e. these waves will leave spacetime entirely and be represented only in the monadic frequency domain outside space and time).

The universe begins as ultra-violet and blue, becomes red and infra-red and ends as colourless and invisible. The universe literally dies – it flatlines.

Every wave is flattened. No peaks and troughs remain. At the end, no spacetime waves carry any information at all. Entropy is maximised in the complete loss of *all* information.

The expansion of spacetime does not lead to the heat death predicted by the Second Law of Thermodynamics. Rather it leads, finally, to the complete annihilation of spacetime; it reduces spacetime to a mental singularity. The universe is thus ready to be reborn via the next Big Bang. The universe is an endless cycle of Big Bang Singularities followed by expanding spacetime, culminating with such extreme expansion that the energy that fills spacetime vanishes back into the mental frequency domain from which it originated, i.e. spacetime expansion ends, paradoxically, with a mental Singularity where spacetime no longer exists at all. This is the precondition for the next Big Bang.

So, spacetime expansion actually causes what physicists call the “Big Crunch” – where the effects of the Big Bang are completely reversed. We go from a point (a Singularity) to infinite spacetime, which, in the limit – via expansion – produces another Singularity since all spacetime contents are annihilated by the expansion. All waves are flatlined. All “dimensional” energy becomes dimensionless.

Isn't it wondrous? The universe dies and is reincarnated forever, cycle after cycle. This process can never end. It's a perpetual motion machine. Moreover, the process that kills the universe is actually the same one that gives birth to the next. The closer you get to death, the closer you are to your *next* life! Bizarrely, the moment of your death is the moment of your rebirth. You are extremely alive as you die ... because your next life is right there, standing in the wings, ready to be activated. Your next life is present at your deathbed, but it's not mourning. It can't live until you die. People should hit the exits as soon as possible when they are nearing the end. Get it over with as fast as you can and be born again! Never fear death. It's simply the door to a new life! Why suffer? Get a fatal heroin injection asap and check out, ready to start again. You can embrace new, vibrant life by ending old, used-up life at the earliest opportunity.

Quantization

One of the great mysteries is how photons can interact with the material world of space and time if they are in fact pure frequencies in a frequency domain outside space and time (a photon being a massless, dimensionless,

infinite energy entity outside time is ipso facto a pure spatial frequency).

The solution to this problem lies in Fourier mathematics. Any eternal frequency can generate an *infinite* spacetime sinusoidal wave, with the two being linked by a Fourier constant of uncertainty: the Planck constant. However, some frequencies – the high energy ones – cannot enter the spacetime domain because they “collapse” back on themselves, back into the frequency singularity.

There are thus three types of energy:

1) high energy waves (up to infinity) that remain permanently in the mental, monadic domain.

2) “medium” energy waves (photons and chronons) that do *not* enter the spacetime domain. They are “pure”, hence unaffected by the Higgs field that confers mass on particles. Photons and chronons might be regarded as “liminal” particles. They operate at the precise border of the physical and mental (at the speed of light). When we switch on a light, it seems that photons come flooding into the room. But do they? Or is the “light” in fact caused by how the spacetime environment reacts to photonic functions that are themselves outside space and time?

Light in itself is formally invisible. If you are gazing into a dark, evacuated chamber and a light beam is fired *across* your visual field, you won’t see a thing. Light becomes visible only when it enters your eyes and is detected. Given that light is dimensionless, massless, invisible and timeless, our relationship with it plainly isn’t straightforward. We might regard light as the “limiting case” of material particles, but it is not itself material even though it obeys the same pattern (in the limit).

It’s a curious thing about photons that they are *always* moving at the speed of light; they are never accelerated to that speed. Physicists talk about photons being *created* and about the total number of photons not being conserved. But how can inherently timeless entities be *created* (a temporal event)? This is nonsense. If they’re not created then they’re always there and therefore they are always conserved. Photons might in fact be said to be temporally *activated* (or *stimulated*) rather than temporally *created*. Photons are always there, but are temporally passive. When we switch on a light, we don’t start manufacturing photons; rather we activate photons from a temporal perspective and they generate effects in our temporal framework. They themselves do not enter time. It’s rather that we temporally *see* them.

When we're all dead, they'll still be there!

3) low energy waves (down to zero) that *are* affected by the Higgs field and can form cosine-sine (real-imaginary) hybrid forms (material particles) in the spacetime environment. These hybrid particles can increase or decrease their imaginary or real components depending on their relative speed through time (and hence, correspondingly, through space).

“Concerning matter, we have been all wrong. What we have called matter is energy, whose vibration has been so lowered as to be perceptible to the senses. There is no matter.” — Albert Einstein

The Higgs field is simply a mathematical field that causes low energy sine and cosine waves to combine to form complex number hybrids (particles).

Who needs physics?! All we need is mathematics.

Zero-Point Energy

“People talk a lot about ‘vacuum energy’ or ‘zero-point energy’ – that is, the energy density of empty space. In cosmology, people also call this quantity the ‘cosmological constant’, or ‘dark energy’. Sometimes kooky people get really excited about the idea that if we could only use this energy somehow, all our problems would be solved. ... We have two fundamental theories of physics: quantum field theory and general relativity. Quantum field theory takes quantum mechanics and special relativity into account, and it’s a great theory of all the forces and particles except gravity, but it ignores gravity. General relativity is a great theory of gravity, but it ignores quantum mechanics. Nobody knows how to reconcile these theories yet. That’s what people working on ‘quantum gravity’ are trying to do.” – John Baez

“The cosmological constant has negative pressure equal to its energy density and so causes the expansion of the universe to accelerate. The reason why a cosmological constant has negative pressure can be seen from classical thermodynamics; Energy must be lost from inside a container to do work on the container. A change in volume dV requires work done equal to a change of energy $-P dV$, where P is the pressure. But the amount of energy in a container full of vacuum actually increases when the volume increases (dV is positive), because the energy is equal to ρV , where ρ (rho) is the energy density of the cosmological constant. Therefore, P is negative and, in fact, $P = -\rho$.” – Wikipedia

In other words, the vacuum has a very special, almost magical property. Conventionally, if the contents of a container do work (such as expanding the container), they expend energy and exert a positive pressure. However, if the container is a vacuum containing energy then any expansion of the container is simply producing *more* vacuum and more energy, implying that work is being done *on* the container, meaning that the container is experiencing *negative* pressure. Negative pressure is associated with “suction”, compression, implosion – so how can a negative pressure vacuum lead to an *expansion* of the universe?

Well, if expanding a volume of vacuum increases its energy, there is a thermodynamic implication that the energy is coming from outside and is thus depleting an external energy source. If energy is being lost from elsewhere in some sense, this has gravitational consequences. It’s reducing gravitational attraction and that is functionally equivalent to what we might call gravitational repulsion or anti-gravity.

So, an expanding vacuum functionally acts as if it’s drawing energy from its surroundings, which reduces gravity and leads to further expansion in a self-reinforcing cycle. Eventually all matter in the universe will be converted into vacuum energy. In other words, the vacuum’s energy is being supplied by the material universe and eventually there will be no material universe at all because all of its energy will have been consumed by the expanding vacuum. So, dark energy is a force of expansion being powered by the disappearance of matter! Matter is devoured as the universe expands. Matter is cosmic fuel for cosmic expansion. As it’s burned up, the vacuum grows bigger and bigger, inexorably destroying everything.

If repulsive gravity perfectly matched gravity, this would lead to a *static* universe, of the type originally envisaged by Einstein when he introduced a “cosmological constant” to achieve precisely that effect.

The fact that the universe is expanding means that the cosmological constant has a value that does *not* balance gravity. The universe’s expansion is in fact now known to be *accelerating*.

The vacuum, with its negative pressure, is sucking in energy from everywhere. It’s an ubiquitous, inward-pulling force. The more energy it sucks in, the more it expands, thus sucking in more energy, and so on. It becomes easy to understand the acceleration of the universe’s expansion.

Guess what spatial dark energy is? It’s actually *light* energy being burned up to fuel the expansion of the vacuum! (By which we mean that light waves

– from a spacetime perspective – become more and more stretched; and longer wavelengths correspond to lower energy, with infinite wavelengths corresponding to zero energy.) Dark energy no longer exists when all the light energy has gone (when it has been stretched out of existence). Now that really is “dark”.

The energy required to expand the vacuum to twice its volume is exactly enough to double its mass. This leads to the most remarkable situation. In the early stages of the universe, the expansion of the vacuum actually *creates* the material world, and as the expansion continues, the material world is *uncreated*. It’s the perfect perpetual motion machine.

Everything we can observe came from nothing and will return to nothing. That’s the cosmic law. Everything that has a beginning has an end. When you create the spacetime vacuum, you simultaneously trigger the operations that will end it (and the world).

The Trajectory of the Universe

The Universe began as a mathematical Singularity containing infinite dimensionless energy, exerting no gravitational effects whatsoever (gravity is a strictly dimensional effect). Via an “antisymmetry” operation, an alpha-infinity (“good” infinity) of monadic singularities within the collective Singularity acquired unique Cartesian-Gaussian coordinates (real and imaginary), and thus a perfect mathematical grid came into being, which allowed the monads in question to exchange energy in an “extended”, hence materialistic, mode. This was the true Big Bang. There was no question of some primordial, dimensional “atom” expanding into surrounding “nothingness”, as conventional science would have you believe. That view is a nonsensical and incoherent. It fails the biggest test of all: defining “nothing”.

The universe literally became infinitely large instantly: a mathematical Singularity generated an infinite mathematical coordinate grid.

It’s essential to understand that the universe operates according to *Hotel Infinity* rules, involving “good” and “bad” infinity. Good infinity is “finite” infinity, compatible with the material world, and is defined as the number of zeros that can be fitted into the finite number “one”. It is labelled “alpha infinity”. Bad infinity is “infinite” infinity, and is simply alpha infinity repeated infinitely. It is labelled “omega infinity”.

Hotel Infinity is an omega infinity “container” into which infinite alpha-infinities can be fitted. The so-called expanding universe is actually a real application of Hotel Infinity mathematics. The mathematical grid created at the beginning of the physical universe is an alpha-infinity grid. It sits within a tacit Hotel Infinity omega-infinity grid. So, the omega-infinity mathematical Singularity at the origin of the grid can keep adding “parcels” of alpha-infinity to the grid at a constant rate. The grid keeps getting bigger and bigger even though it actually started out as infinite in scale (alpha-infinity, to be precise): that’s all part of the interplay between alpha infinity and omega infinity.

At the beginning of the expansion, shared monadic energy is converted into matter (both conventional “light” matter and mysterious “dark” matter); this effect is directly correlated to the precise alpha-infinity size of the universe that dictates the nature and behaviour of the cosmic wavefunction.

However, once the size of the universe reaches a certain size (that could be calculated if ontological mathematics were understood precisely enough), it goes into reverse and the same processes that previously generated matter now consume it. In essence, once the universe becomes too big (it has too many alpha-infinities in it), the wavefunction associated with it starts to weaken rather than strengthen all intra and inter-atomic forces: it becomes repulsive rather than attractive; it breaks rather than makes links and bonds. Net gravitational attraction is replaced by net gravitational repulsion; negative pressure becomes stronger than positive pressure, having previously been weaker.

In the end, this process results in the complete destruction of all matter, and all energy returns to the original Singularity. A cyclical Age of the universe is completed, and the next one is ready to start via a new Big Bang. The universe oscillates in this way forever, and can never do anything else. It's all in the inherent mathematics of existence.

The universe starts out with infinite dimensionless energy (in the Singularity). It then creates a mathematical grid where *inter-monadic*, extended relations become possible ("extension", going back to Descartes, is the fundamental basis of the material world). Initially, all of this monadic energy is converted into light and dark matter. There is 100% matter and no vacuum "dark" energy at all (for the simple reason that all of the dark energy *became* matter!). After a period, the maximum amount of matter that is ever going to be created has come into existence, but the universe keeps expanding at the same rate as before. The expansion, instead of generating new matter, now consumes it, and will keep doing so until there's none left.

Therefore, the amount of dark energy in the universe can be taken as a rough gauge of how close the universe is to death. It's estimated that the universe is about 14 billion years old. It's also estimated that the amount of dark energy in the universe is around 73% of the total energy of the universe, (with conventional matter supplying around 4% and dark matter 23%). For argument's sake, let's say that all dark energy was converted into matter for the first five hundred million years. Ever since, dark energy has been accumulating, and matter diminishing. If we say, as a simple approximation, that there was 100% matter 14 billion years ago, and 30% ish now, this implies that the physical universe loses five percent of matter to dark energy every billion years, so it will be dead in just six billion years from now! This is enormously sooner than any cosmologist has ever predicted.

Everything depends on whether a) dark energy is indeed a matter destroyer and b) whether this happens at a constant rate.

Twenty billion years for a universal Age seems about right. Scientists typically claim that the universe never actually dies at all. Instead, it arrives at a state of “heat death” (by way of the Second Law of Thermodynamics) and remains in that state forevermore.

When we talk about “matter”, we are really referring to energy fields of which material particles are the “excitations”, to quote the jargon of quantum field theory. The whole of spacetime should be conceived as being filled with a “fluid” – a “material” energy field, so to speak.

What dark energy does is to alter this field, and continually erode its capacity to generate material particles. In the end, it kills off the material field entirely.

Given that the Higgs field is intimately created with the formation of matter then dark energy might be considered as an anti-Higgs field. The Higgs field confers mass; the dark energy field removes it, until there is neither a Higgs field nor any mass in the universe.

The “Big Rip” cosmological theory about the ultimate fate of the universe has many similarities with the Illuminist theory.

Wikipedia says of this theory, “In the special case of phantom dark energy, which has even more negative pressure than a simple cosmological constant, the density of dark energy increases with time, causing the rate of acceleration to increase, leading to a steady increase in the Hubble constant. As a result, all material objects in the universe, starting with galaxies and eventually (in a finite time) all forms, no matter how small, will disintegrate into unbound elementary particles and radiation, ripped apart by the phantom energy force and shooting apart from each other. The end state of the universe is a singularity, as the dark energy density and expansion rate becomes infinite. ... 34 billion years: estimated lifetime of the universe, assuming the Big Rip scenario is correct.”

Note that there is considerable debate in the scientific community as to whether the “strength” of dark energy is continuing to grow. If dark energy is equivalent to Einstein’s cosmological *constant* then it’s deemed that there’s

no increase in its strength. But this debate misses the point. If dark energy is described by a cosmological constant (i.e. dark energy is produced at a constant rate and not an increasing rate), but, at the same time, is in a zero-sum game with matter (i.e. the more dark energy you get, the less matter you have) then, in fact, it's *as if* dark energy is being produced at an accelerated rate since it's killing off the opposition that counteracts its steadily accumulating effects. The two views are therefore not necessarily in conflict.

The Improbability of Life?

“Life as we know it, is only possible for one thousandth of a billion billion billionth, billion billion billionth, billion billion billionth of a percent of the lifespan of the universe.” – Professor Brian Cox, *Wonders of the Universe* (BBC)

This is the typical view of scientific materialists whereby life is meaningless and irrelevant, and just a weird “glitch” in the progress of the purposeless processes of the universe. Life emerges momentarily, for no reason, then vanishes again. It’s here today and gone tomorrow and has no impact at all on the universe.

In *our* system, life in the material domain may be possible for as much as 50% of the universe’s life span. 25% of the total time is used at the beginning to set up the environment for life, life then exists for 50% of the time, and the last 25% brings the process to an end in preparation for the next cycle. In such a system, life is its primary focus: *it’s all about life*.

“We are the cosmos made conscious and life is the means by which the universe understands itself.” – Brian Cox

This is a ridiculous and disingenuous statement coming from someone like Brian Cox, a fanatical materialist and empiricist who rejects the independent existence of mind, who believes in a universe of machine processes and relentless, inescapable materialist causality that precludes free will, and which generates life, according to his view, for a trifling and almost non-existent fraction of the time span of the universe. In his system, there could be no conceivable reason why his machine universe would have any desire to understand itself (Cox completely rejects teleology) and since life is the prisoner of scientific causality (in his opinion), anything it does it does mechanically. Do computers seek to understand themselves? Obviously not. And neither does the scientific materialist universe, and there’s no reason to expect it to engage in any causal operations that would lead to self-understanding.

It’s nauseating when a “TV” scientist attempts to pretend that scientific materialism is anything other than a supreme enemy of life, free will and

conscious understanding. How can something that is not free be said to understand anything at all? Is a programmed robot “conscious”?

By Cox’s own account, life barely features in the lifespan of the universe, so how can he be so impudent as to imply that the universe has some “desire” to understand itself, and generates consciousness in order to do so. If the scientific materialist universe ever did “understand” itself, it would be by complete accident, in an invisibly small window of opportunity according to Cox’s own assessment!

Shouldn’t Cox have said, “We are unfree materialist robots in a machine cosmos and by some unfathomable process, which science can’t explain in any way, consciousnesses have *emerged* in the universe that, through a process that makes no sense in terms of lives operating exclusively by way of unconscious, inexorable atomic and molecular forces, has enabled these consciousnesses to begin to understand the universe, but immense difficulties remain and scientific materialism has no credible capacity to explain any of this.”

Well, that’s not quite as good a soundbite, is it? – even though it’s enormously more accurate and truthful. When have you ever heard a TV scientist saying, “Actually, we don’t have the vaguest idea of whether science corresponds to reality at all. We know that it models certain phenomena successfully, and can be backed up by sensory experiments. However, we are clueless as to whether it touches on any ultimate truths of existence.”

The Cosmic Lie

What is history’s biggest lie? It’s that there’s one “God”, that he Created the universe out of nothing and made Adam from the dirt of the Garden of Eden, with Eve then being generated from one of Adam’s ribs!

Nothing has done more damage to the human psyche than *monotheism* – the doctrine of an all-powerful “Spy God” who watches what everyone does (the divine peeping Tom) and sentences to perpetual pain in his cosmic torture chamber of hell anyone who doesn’t slavishly worship and obey him .

In fact, the universe is a mathematical “God factory” and creates infinite Gods over eons of time, via the optimization of the cosmic equation (the universal wavefunction), which is entirely mathematical.

The universe, via dialectical ontological mathematics, is converging on the perfect answer to everything. This condition is known as the *Absolute* or the *Omega Point*.

The universe travels, mathematically, from Alpha to Omega, from perfect potential to perfect actualization. Even now, on this Earth, people are transforming into Gods.

The Illuminati have, for thousands of years, waged a war against Abrahamic monotheism and promoted the doctrine of “becoming God”. No matter who you are, you can attain divinity if you get off your knees and stop mindlessly and slavishly worshipping a non-existent “Creator”.

Mathematics is the Philosopher’s Stone that can transmute base metal (ordinary humans) into gold (Gods). You too can attain your own divine Omega Point, and complete your cosmic journey – across countless reincarnations – from alpha to omega.

Are you ready to become an Omega Human?

The Spare Rib

All Abrahamists should be asked to swear on oath that they believe that the first woman was made from the rib of the first man. If they do so, they are plainly insane. If they don’t and claim instead that it’s some kind of “metaphor” or “allegory” then how can anything at all be accepted from the Abrahamic holy texts on any different basis, i.e. these texts are *wholly* metaphorical and allegorical and don’t contain a single literal truth, hence no statements they make should ever be relied on and are all about the interpretation of coded meanings. In which case, why didn’t the Abrahamic God simply state the facts and tell the truth? Why does he choose to operate in the most ambiguous and confusing way possible? Is that *Godlike*? If you get his coded message wrong, you go to hell – all because “He” refused to communicate clearly!

Holographic Singularities

Each monadic mind reflects the *whole universe*. The complete universe can be reconstructed from *any* monad. Each part contains the whole, as in holography.

The Horror, The Horror

TJ: “In Christ there is salvation, not in self, not in others, not in secret societies or clubs, only in Jesus Christ.”

There you have it: the gospel of the slave, of the abject, craven human being

who looks to an external force to “save him”. Yet who condemned him in the first place? Precisely that same force that he looks to for salvation! What kind of person loves his torturer? Only the existential *masochist*. TJ has no idea who or what Christ is. He has no philosophical, scientific, theological, psychological, historical, mythological or mathematical understanding of “Christ”. He’s a complete ignoramus who heard a bunch of stuff about Christ from his parents, his teachers, his pastor, his society, his president, and so on, and sucked it all in slavishly, mindlessly and unquestioningly (just like Abraham as he prepared to murder his son just because a voice in his head told him to!).

Christianity is *Retardianity*. How dare TJ comment on something infinitely far beyond his comprehension with his infantile mantra of “Christ is salvation”. No, on the contrary, Christ is *damnation* and the Christians are the legions of the damned – the Devil’s Army!

Original Sin?

Christianity: the absurd doctrine that Jesus Christ died on the Cross to save humanity from Original Sin, which was a “crime” attributed to humanity by Jesus Christ! If humanity had never been condemned, it would never have needed saving. Jesus Christ sacrificed himself to spare humanity from his own judgment! Why didn’t he just kill himself and leave humanity out of it? Hear this – no “God” can pass any judgment on the human race. We are eternal, uncreated beings, unaccountable to anyone! We have no masters.

The Gospel of Stupidity

RM: “Calling the rest of the world stupid doesn’t help anyone break free.”

Here we have yet another classic idiotic statement. This message is all about *feelings*. Clearly, the poster herself feels stupid and imagines she’s being attacked (she’s right!). She makes no attempt to engage with the substantive point. Is the world stupid or not? If it *is* stupid, should we say and do nothing because we don’t want to offend anyone’s feelings? Or should we call it as we see it and try to make it humanity’s overriding concern?

Humanity’s default mode – the status quo – is stupidity. Just look around you! Anyone who does not rage against stupid people and this stupid world is an *ally and advocate* of stupidity. This person went out of her way to *stupidly* post an absurd and pointless comment in which all she did was prove that she

is indeed stupid and dragging the world down with her. *Fuck feelings*. Who cares about the feelings of intelligent people who seek an intelligent world? No one at all! So why should the intelligentsia care about the feelings of those who want a dumb world, a global confederacy of dunces?

If you don't want to be called stupid then make yourself smart, and stop whining and whinging.

People *will* break free – if they can start to rationally analyze their situation and escape their self-serving feelings and tendency to deny their own culpability and failings. There's no bigger obstacle to improvement than the attitude of the poster who condemns all criticism, especially of herself.

Bernhard Riemann

Bernhard Riemann (1826–1866) is one of the greatest mathematical geniuses of all time. Like many of the most brilliant mathematicians, he was shy and mentally unstable. In academic circles, he is best known for being the man who toppled the hegemony of the Euclidean worldview, and paving the way for Einstein's general theory of relativity. Where Euclidean geometry is all about flat space, Riemannian geometry concerns curved space.

Riemann's other main claims to fame are the famous Riemann hypothesis (concerning the Riemann zeta function and the mysterious world of prime numbers), and the Riemann sphere projectively mapping the complex plane to a sphere.

Geometry

In Euclidean geometry, the shortest distance between two points is a straight line, and its length is found using Pythagoras' theorem. Riemann established a more general form of Pythagoras' theorem that applied to curved surfaces as well as conventional flat surfaces.

Wikipedia provides a description:

“One of the defining characteristics of a curved space is its departure with the Pythagorean theorem. In a curved space

$$dx^2 + dy^2 \neq dl^2$$

The Pythagorean relationship can often be restored by describing the space with an extra dimension. Suppose we have a non-Euclidean three dimensional space with coordinates (x', y', z') . Because it is not flat

$$dx'^2 + dy'^2 + dz'^2 \neq dl'^2$$

But if we now describe the three dimensional space with four dimensions (x, y, z, w) we can choose coordinates such that

$$dx^2 + dy^2 + dz^2 + dw^2 = dl^2$$

Note that the coordinate x is *not* the same as the coordinate x'.

For the choice of the 4D coordinates to be valid descriptors of the original 3D space it must have the same number of degrees of freedom. Since four coordinates have four degrees of freedom it must have a constraint placed on it. We can choose a constraint such that Pythagorean theorem holds in the new 4D space. That is

$$x^2 + y^2 + z^2 + w^2 = \text{constant.}''$$

In curved space, the concept of distance between two points is replaced by a broader a concept called a 'metric' (from the ancient Greek for 'measure'). In Einstein's special theory of relativity (which involves flat Euclidean space in contrast with the curved space of general relativity), the following metric defining the distance between two events applies:

$$ds^2 = dx^2 + dy^2 + dz^2 - (cdt)^2$$

This metric is invariant under a Lorentz transformation, so observers in different inertial frames will all measure the same interval ds.

Out of Time

Of all commonly used terms, "time" is the least understood of all. Physics has dealt with space quite effectively, but time has baffled and thwarted all of the greatest scientists.

There are three catastrophic holes in physics: 1) the failure to acknowledge dimensionless existence as well as dimensional existence (i.e. the materialist denial of the ontology of zero and infinity), 2) the failure to understand gravity (as revealed by the failure to formulate a theory of quantum gravity), and 3) the failure to understand the fundamental basis of time (where space is based on real numbers, time is based on imaginary numbers, meaning that spacetime is based on *complex numbers* and *not* real numbers alone, as physicists assert).

All of the problems of physics are consequences of the chosen Meta

Paradigm of science, which is materialist and empiricist. This Meta Paradigm rejects the ontology of zero, infinity and imaginary numbers (and negative numbers are accepted, in effect, only in the concept of charge where negative charges balance positive charges).

You obviously cannot understand the universe if you have ruled out the ontology of various entities that are the very building blocks of ontology. Because of science's extreme devotion to all things sensible rather than intelligible, science has become excellent at providing a basic model of the world as it naively presents itself to the senses, and useless at modelling the rationally unobservable intelligible world that is *never* present to the senses.

Science is all about experiments, which are, by definition, sensory events. However, this means that science is making a metaphysical claim that things to which sensory experimentation cannot be applied (because they are inherently non-sensory) ipso facto *do not exist*. To put it another way, it's a core, but unstated, principle of science that absence of experimental evidence is evidence of absence, i.e. if experiments cannot be performed on it, it's because it doesn't exist. This principle makes perfect sense within the materialist conception of reality because if something is tangible (as all material is) then, at least in principle, it must ultimately be possible to detect it experimentally. However, no experiment will ever detect monads since these are dimensionless ... and experiments are all about dimensionality. Science then concludes that monads do not exist rather than recognizing that they *do* exist but are beyond the reach of empiricism. As ever, it always comes back to the age-old battle between rationalism and empiricism, between idealism and materialism.

Science is the standard bearer of empiricism and materialism, except in one astounding regard: its engine is mathematics and mathematics is the least empiricist subject you could ever get. Mathematics is the quintessence of analytic, *a priori*, deductive rationalism. Experiments are wholly irrelevant to mathematics. No truth of mathematics is ever in any way dependent on experimentation. If scientists had even the vaguest grasp of philosophy, they would understand that having mathematics at the core of an empiricist enterprise is a fatal contradiction. You cannot have a subject that's all about empiricism being driven by one that's all about rationalism.

The most decisive moment in the history of science took place in the titanic struggle between Leibniz and Newton. Leibniz was the supreme idealist rationalist, determined to reduce everything to absolute, adamant

analytic truths. Newton was, publicly, the champion of materialism and empiricism (privately, he was a religious fanatic with extremely eccentric ideas, which he took care to keep secret), and promoted the cause of observation and experiments.

Where Newton was fundamentally a physicist who believed that the truths of physics were revealed through matching hypotheses to experiments, Leibniz was fundamentally a mathematician and *metaphysicist* who asserted that all scientific truths must be grounded in analytic mathematics and rationalism.

Newton – thanks to the demonstrable success of his theory of gravity and laws of motion – became the towering figure of his age and arguably the most revered scientist of all time. Leibniz was relegated to an obscure footnote and is practically unknown to the general public. A profound truth is revealed here. Newton was triumphant because his theories were all about the *sensible* world – people could directly see the consequences of his ideas. Leibniz was a failure because his theories were about *intelligible* reality and seemed, to the ignorant layman, weird, abstract, and, above all, empirically *unobservable*.

In other words, simple, sensory people are always beguiled by sensory “evidence” and are never impressed by rationalist arguments. Things present to the senses seem “concrete” while things present to reason seem abstract and suspect. Yet who could ever doubt that $1 + 1 = 2$? Is this not the most solid fact of all, from which a whole universe can be built? As soon as you accept that ontological rationalism (the rationalism that applies to the fundamental basis of existence itself) is 100% mathematical, and of the nature of $1 + 1 = 2$, then you no longer have any need for experimentation at all. Every truth can be worked out from the analytic statements of mathematics.

In the end, it always comes back to the same question – is mathematics or physics the correct subject for understanding reality? Materialist empiricists, like Newton, go with physics while idealist rationalists, like Leibniz, go with mathematics. Crucially, physics relies on mathematics, but mathematics has no need of physics. This fact, by itself, ought to reveal which subject is the senior partner. How can the junior, dependent subject be closer to the truth than its independent senior? That’s a manifest category error. Physics has to treat mathematics as a curious construct and abstraction that has no reality in itself but just happens to be perfect for enabling physics to describe Nature!

Physics and experiments have reached the end of the road. The discovery of the Higgs Boson probably represents the high point of what science can meaningfully do.

It's not metaphysics that lies beyond physics, it's *mathematics*. Alternatively, we might say that true metaphysics is all about mathematics rather than philosophy.

Science, right up to the present day, scoffs at philosophy and mocks it, but it could never scoff at mathematics. So, if mathematics, not philosophy, is the proper basis of metaphysics, how could science continue to sneer at it?

The ultimate truths do indeed lie beyond physics – in metaphysics – but metaphysics is not philosophical speculation; it's ontological mathematics, grounded in Leibnizian monads. Metaphysics describes the *intelligible* domain while physics describes the *sensible* domain. Metaphysics relies on reason and mathematics, physics on experiments.

Physics is a subset of mathematics based on real numbers, and this incomplete, inconsistent, irrational approach has gone as far as it can. We must now turn to *full* mathematics, based on complex numbers, and on zero and infinity, to reach the ultimate, intelligible truths of existence.

It must be emphasized that the final truths are invariably intelligible rather than sensible. The senses have nothing to do with truth; truth is all about reason. And the supreme truths are all analytic and mathematical.

Which statement is truer: *the sky is blue* or $1 + 1 = 2$? All sensory people, including physicists, opt for the blue sky, simply because it's immediately apparent, and so "obvious". How could its truth possibly be denied? All rationalists opt for the mathematical statement. Where do *you* stand?

Of course, the sky isn't blue. If everyone on Earth had the genes for complete colour blindness, no one would even know what "blue" meant. How can human genes determine the colour of the sky? It's absurd. And this sums up the whole farce regarding the apparently true sensible world: it's entirely a mental construct that has no direct link to the truth at all! All of the much-vaunted experiments of science reveal to us sensory truths such as the sky is blue. But it isn't! If you want truth, an experiment is the last thing you would resort to. However, if you want something to methodically organize your sensory delusions, go ahead and embrace experimental science.

The Laws of Tensed Time

According to enthusiasts for Einstein, tensed time is incompatible with

relativity theory, hence is false. The two theories are indeed incompatible, but it's Einstein's that's false.

The principle of relativity is one of the most ingenious blunders and errors of all time. Just as bad is Einstein's tenseless view of time. Einstein's formal position was that past, present and future do not exist: they're illusions. That is a ridiculous position for any thinking person to hold, and it all flows from the inability of Einstein's theory, if not *all* scientific theories, to accommodate tense.

Time – *true* time – is defined by tense, i.e. it's all about “past”, “present” and “future”. That's the sole context in which the passage of time, as we experience it, is coherent. If the tenseless view of time were correct, we ought to be able to go backwards and forwards in it, just as we can in space.

Science is preoccupied with tenseless time because it allows time to be handled on a par with space (as a type of space), which simplifies many scientific concepts.

In quantum mechanics, scientists talk about being able to “borrow” energy from time and pay it back later. This type of ludicrous talk exhibits zero understanding of tense. The past has gone forever; it doesn't exist, so nothing can be borrowed from it. Similarly, the future doesn't yet exist, so, again, nothing can be borrowed from it. In other words, only the present instant exists, so there is no time *interval* from which energy can allegedly be borrowed.

It's simply staggering that no scientist has ever understood this and glibly talked about borrowing from time as though it were some kind of cosmic bank. The Big Bang itself is often characterised in terms of borrowing infinite energy (from God knows where!). You cannot borrow from that which does not exist. The only available energy is that of *right now*.

The Heisenberg uncertainty relation involving energy and time is in fact entirely bogus, and simply reflects the well-known ambiguity in the definition of time – between tensed and tenseless time – that bedevils physics. In fact, there's a real spatial position/real spatial momentum uncertainty relation, and a corresponding imaginary spatial position/imaginary spatial momentum uncertainty relation. The energy-time relation is an artefact of bogus scientific definitions that fail to accommodate quantities defined by imaginary numbers.

The “time” operator in physics is well-known to be utterly inconsistent. Sometimes, it relates to simple time reversal (i.e., simply reversing the sign of

the time quantity) and at other times, as in quantum mechanics, to “complex conjugation” (involving imaginary numbers), the latter making no sense at all if imaginary numbers are not ontological.

Physics is full of situations where the lack of understanding of tensed and tenseless time leads to absurd, ambiguous and contradictory conclusions.

Scientists often say that the laws of Nature appear to be time reversal invariant, meaning that natural laws are indifferent to the past and future directions of time, even though scientists also talk about *unidirectional arrows of time* (“thermodynamic”, “cosmological”, “radiative”, “causal” and “quantum wavefunction collapse”). The problem here is that time reversal invariance actually relates to *imaginary space*, hence is static and tenseless, exactly the same as with real space. All of the “arrows of time”, on the other hand, relate to tensed time where the past is gone forever and the future doesn’t yet exist.

You could scarcely get anything as fundamental as the concept of time in physics, and yet physics has *never* been able to establish whether time is tensed or tenseless. That makes physics fundamentally absurd. Physics will never accomplish a Grand Unified Theory of Everything when it can’t even define what time is.

There is simply no such phenomenon as time reversal invariance. Nothing can go back in time, just as the hands of a clock can never move backwards even though we can easily *imagine* a clock with hands which did exactly that (which would prompt physicists to say that clock hands are theoretically time reversal invariant!). Time reversal invariance can be conceived only in a “billiard balls” classical universe, and such a universe has been formally disproven by quantum mechanics. In the quantum mechanical universe with irreversible wavefunction collapse, it’s ludicrous to talk of anything going back in time. Quantum mechanical wavefunction collapse is exactly what you expect in a universe of tensed time.

Time invariance asserts that going back in time is as likely as going forward in time, yet this is manifestly false. The fact that it can be seriously contemplated means that time is wrongly defined in physics.

As we have said, tensed time is actually all about *ontological forward motion* (as per the First Law of Motion), and forward motion can *never* be reversed, just as clock hands can never spontaneously go backwards. Tenseless time relates to a world where clock hands *can* go backwards just as readily as they can go forwards, but no such world actually exists. Tenseless

time best relates to a world where time is in fact a type of space; specifically, imaginary space. The debate always comes back to whether time is a kind of static space, or inherently concerns movement (a 100% opposite concept). It's like the difference between Parmenides who said that all change is illusory and Heraclitus who said that change is all there is.

In Illuminism, there is no difficulty in understanding what is happening. Imaginary space replaces time as a static concept, and ontological motion (i.e. where motion is a fundamental property of existence and is the quintessence of *energy*) replaces time as a dynamic concept. So, strictly speaking, time actually vanishes from Illuminism: it's a bogus concept! What you actually have are two complementary and inversely dynamically coupled types of space (real space and imaginary space) and the *tensed motion of energy* through this spatial domain.

Physics, since its inception, has more or less had a vision of a static space and a mysterious dynamic entity called time that imparts motion to things. This vision was best exemplified by Newton's concept of absolute space and absolute time. Without time, so this line of thinking goes, there can be no change and no movement, i.e. change and movement are intrinsically bound up with time. Einstein got rid of absolute space and absolute time by fusing them into something called *spacetime*, and, after some thought, he got rid of change and movement completely and conceived of a "block universe" where what we call past, present and future already exist in their entirety, hence everything has already happened (and is in that sense all in the past). The only thing that's "moving" is our consciousness (and Einstein made no attempt whatsoever to account for this).

Speed in physics is defined as distance travelled divided by time taken. It's the time component that introduces motion into speed.

In Illuminism, speed is simply the ratio of real space to imaginary space, and the motion comes from whatever energetic entity (body) is moving through the real space/imaginary space "container". If the body should come to a halt through real space, it will continue to travel through imaginary space. *It never stops*. If it comes to a halt in imaginary space, it will continue to move through real space. Photons move but do not experience time. This wholly refutes the notion that time is necessary for change and motion, yet no prominent physicist has ever formally acknowledged this. The behaviour of photons does not contradict Illuminism, but it definitely contradicts physics with its notion that time injects change and motion into the world, and they

wouldn't exist without it.

A universe exclusively of photons is one in which time never passes yet there's perpetual motion! Physics cannot explain that.

Einstein's famous concepts of *relativity of simultaneity* (whether two events occur at the same time is not absolute, but depends on the observer's reference frame) and time dilation (whereby clocks tick slower; it takes longer for a second to pass, so to speak) are artefacts of the erroneous definitions included in his theory. It's not "time" that dilates, but imaginary space, and "length contraction" is just the accompanying, complementary process that takes place in real space.

There's an *absolute* "now" – the present moment – there's no "relativity of simultaneity". The complexity is that "now" is viewed through the prism of space (real and imaginary). We measure "time" (imaginary space) with a clock. Imaginary space can dilate depending on our speed through real space, so clocks travelling at different speeds will therefore measure it differently, but this has nothing to do with tensed time.

The present moment advances uniformly across the whole universe (*absolute simultaneity*). The problem is that we – as observers in "spacetime" (i.e. in the real space/imaginary space domain) – cannot measure "now" in a non-spacetime context.

If we existed in a purely photonic universe, clocks would be useless to us (they wouldn't tick), and we would then experience absolute simultaneity; a uniformly advancing "now" for every observer. Why did Einstein never address this? Why has no other scientist ever addressed this?

The disturbing truth is that many of the most fundamental, most cherished concepts of physics are false, especially regarding time and motion. It's precisely because its key concepts are bogus that science has failed to deliver a final theory of everything.

When will scientists start listening to philosopher mathematicians (Illuminists) and arrive at analytic, 100% robust concepts rather than ad hoc junk driven by ad hoc experiments? Science has absolutely no connection with the truth; it's just a succession of models, approximations and ad hoc, arbitrary hypotheses. That's no route to unlocking the secrets of existence.

The universe in its core nature is rational, not sensory. Reason, not experiments, are the only way in. It's time to ditch science and replace it with analytic ontological mathematics, driven by the principle of sufficient reason.

The true Grand Unified Theory of Everything couldn't be simpler: it's just

one equation – Euler’s Formula (the *God Equation*) – which mathematically enshrines, and is a precise mathematical expression of, the principle of sufficient reason.

To derive a “scientific” Grand Unified Theory of Everything from it, it’s essential to drop Einstein’s disastrous principle of relativity, his equally disastrous dismissal of an ether and his absurd block universe theory of time: three of the worst blunders in the history of thought!

Euler’s Formula gives rise to Fourier mathematics and from Fourier mathematics we get quantum mechanics, which caters for everything in the material world other than gravity. To incorporate gravity, a Fourier theory of mass and Riemannian geometry is required. That’s it. That’s the end of the scientific line.

Never forget that, ultimately, existence comprises just a single dimensionless point, which, in turn, contains infinite dimensionless points. All together, they still take up no physical space at all. All of these points are unconscious monadic minds, and when they become conscious they are what we call souls (so animals have unconscious monadic minds but have not yet acquired conscious monadic souls). All of these minds relate to each other mathematically, and the “material universe” is just the product of a particular mathematical relation between them (namely, that of Cartesian extension). Mathematics is all there is. Existence is 100% mathematical. The dynamic unfolding of mathematical equations is what produces our universe of becoming, our evolving universe dialectically converging on an omega point. This is a universe of purposes, of teleology, of the dialectical striving for perfection. It’s a universe defined by the *soul*.

Existence is a single, infinitely complex mathematical point (itself made of points), and is not in space and time. It is therefore indestructible, eternal and purely mental. That is the answer to the riddle of existence.

The choice for any rational person is stark. You can have a soulless, atheistic, purposeless, pointless scientific materialist view of existence, or a religious, purposeful mathematical view which is all about optimizing the mathematical “code” of the universe and producing Gods as the ultimate solutions of the cosmic equation.

So, what’s it to be? Science or mathematics?

What is the most immediate disproof of scientific materialism? It's our experience of freedom: our own free will! Freedom is impossible in a scientifically causal universe where every effect is preceded by a material cause, where an inevitable cause leads to an inevitable effect, and the capriciousness of free choice can never disturb the inexorable machinery of inescapable material causality. If we are free – and we obviously are – then we are *uncreated, uncaused causes*. We are *souls*. We live in *Soul World*. If science were right, we would live in *Machine World* and we would all be computers that had no conception of freedom.

Free will is the ultimate question for any theory of existence to address, and scientific materialism fails the test in the worst possible way. It has no room for freedom, hence is 100% false in its primary claims regarding reality. Newton, with his absolute space and absolute time, produced a highly successful of gravity that was, ontologically, 100% false since absolute space and time do not exist. This is emblematic of science. It can produce theories that work extremely well but are not grounded in any true reality. It produces effective models, simulations and simulacra that, ultimately, are false and tell us nothing about the fundamental principles of existence. Science operates at the level of *phenomena* (the secondary, derived level), but does not come into contact with *noumena* (the primary, foundational level). You are wholly deluded about the true nature of reality if you accept the claims of scientific materialism.

“The danger of the past was that men became slaves. The danger of the future is that men may become robots.” – Erich Fromm

Abrahamism turned people into slaves; scientific materialism has turned them into robots. Illuminism can make them Gods! So, what's it to be? What will you choose?

The Core of Existence

You cannot understand reality unless you grasp that there are two distinct but mathematically related domains:

1) A domain *outside* space and time: the noumenal domain, the intelligible

domain, accessible only to reason (since it's a mental domain grounded in rational principles).

2) A domain *inside* space and time: the phenomenal domain, the sensible domain, accessible to the senses.

Science rejects 1) and maintains that 2) is the sole reality. Science is therefore false and cannot reveal the truth of the universe.

Mainstream religion appeals to belief rather than mathematical reason to understand 1) hence is false and absurd. Moreover, fanatical doctrines stemming from the false analysis of 1) are then used to make a host of false statements about 2), e.g. God created the Earth and placed it at the stationary centre of the universe, as in the Book of Genesis.

The Biggest Theoretical Disaster Ever

“The vacuum energy also has important consequences for physical cosmology. Special relativity predicts that energy is equivalent to mass, and therefore, if the vacuum energy is ‘really there’, it should exert a gravitational force. Essentially, a non-zero vacuum energy is expected to contribute to the cosmological constant, which affects the expansion of the universe. In the special case of vacuum energy, general relativity stipulates that the gravitational field is proportional to $\rho - 3p$ (where ρ is the mass-energy density, and p is the pressure). Quantum theory of the vacuum further stipulates that the pressure of the zero-state vacuum energy is always negative and equal to ρ . Thus, the total of $\rho - 3p$ becomes -2ρ : A negative value. This calculation implies a repulsive gravitational field, giving rise to expansion, if indeed the vacuum ground state has non-zero energy. However, the vacuum energy is mathematically infinite without renormalization, which is based on the assumption that we can only measure energy in a relative sense, which is not true if we can observe it indirectly via the cosmological constant.” – Wikipedia

Theoretical calculations of the total vacuum energy produced by all known fields yield an estimate some 120 orders of magnitude more than the energy density of matter. This is the so-called *vacuum catastrophe*. If the theory were true, then, thanks to negative pressure, it would cause acceleration so extreme that it would almost instantly tear apart all atoms, stars and galaxies. The theoretical estimate is so fantastically wrong that it must point to a *fatal* flaw in current theory, just as the *ultraviolet catastrophe* put paid to classical physics.

In fact, the problem is remarkably easy to solve. The error lies in the belief, originating with Einstein, that energy necessarily has gravitational effects due to the mass-energy equivalence implied in his famous equation $E = mc^2$.

This equation applies only to dimensional energy. If energy remains dimensionless, *it has no gravitational consequences at all*. Scientific materialism has no concept of dimensionless energy, hence is stuck with its absurd and manifestly false estimate.

The vacuum catastrophe can actually be taken as direct proof of monads and mental (dimensionless) energy. The catastrophe vanishes if mind is taken

to be the primary reality; otherwise science cannot escape the horror of a vacuum with either an infinite or some ludicrously high (but finite) value for its energy density (depending on what assumptions you make when performing the calculation).

Without a dimensionless safety valve – or sink – to absorb energy and prevent it from having gravitational effects then the vacuum ought to have a more or less *infinite* gravitational effects. This is *impossible*. Only monadic minds can evade this problem. Monads, if they were a new idea, would be much more revolutionary than quantum particles. As it is, they are centuries and even millennia old, and were brought to their full theoretical perfection by Leibniz, humanity's supreme genius and inventor of the infinitesimal calculus that takes us right into the world of monads.

Energy Without End?

“The existence of vacuum energy is also sometimes used as theoretical justification for the possibility of free energy machines. It has been argued that due to the broken symmetry (in QED), free energy does not violate conservation of energy, since the laws of thermodynamics only apply to equilibrium systems. However, consensus amongst physicists is that this is incorrect and that vacuum energy cannot be harnessed to generate free energy. In particular, the second law of thermodynamics is unaffected by the existence of vacuum energy.” – Wikipedia

Sorry, there's no free energy for the material world. On the other hand, you have *infinite* free energy for your own mind, enough to make you *God*. Try using that rather than looking for a cheaper way to run your car!

The Higgs field converts dimensionless energy into dimensional energy; it thus gives it *mass*. The acquisition of mass places an entity firmly in the spacetime domain.

The dark energy field undoes the Higgs field, and removes entities with mass from spacetime.

The Big Bang Singularity converted dimensionless energy into dimensional energy. Black hole singularities do the opposite and convert dimensional energy into dimensionless energy.

Accelerating a real space particle to light speed turns it into spatial

frequencies (“photons”). Accelerating an imaginary mass particle to light speed through imaginary space turns it into imaginary space frequencies (“chronons”).

Human beings are an interesting case. Our bodies are made of atoms that are in spacetime, but since we do not move through space (or do so very slowly even if we’re in a “fast” car or jet), our conscious mind exists *in time*, but *not* in space. Our minds are powered by imaginary energy (time energy) and we are relentlessly carried along in a time stream.

That’s why our minds *directly* experience the passage of time but encounter space only indirectly through sight and touch. Our minds have a temporal location but no spatial location – which is why thoughts cannot be given any physical location and can’t be directly observed or detected in any way.

Our bodies, in space, experience the ravages of time, but our minds, being carried along in the time stream of “now”, never age. A hundred-year-old woman might well say that, mentally, she feels no differently from when she was a teenager, although her body tells a very different story.

RH: “If a baby was born deaf, dumb, and blind and without any interactions at all with any person or thing (other than being kept alive by a feeding machine), what would this person think? Would their thoughts ever be able to imagine a 3-dimensional world? If so, how would a mind with no direct experience of a 3-dimensional world conjure up a 3-dimensional world (with time)?”

For one thing, the universe is six dimensional, not four dimensional. Secondly, human minds have evolved over millions of years of an absolutely vicious process of natural selection, and it’s evolution which has conferred on us the brains we have and the way our minds operate in the material world.

There are innumerable ways in which the universe *could* be interpreted. However, all these other interpretations have failed the natural selection test. A person without any sensory input at all wouldn’t have any means to think; at least not in a coherent way. All monads are effectively minds without senses ... which is exactly why they long to inhabit individuated bodies in the

material world of the senses. The cosmic mind *must* establish a material world of individuated bodies if minds are to develop and become conscious.

The Skeptics

“Concerned and dedicated skeptics and science advocates like you drive all the work we do combating unreason and promoting critical thinking at the grassroots, in classrooms, at conferences, in the media, and on our speaking tours.” – James Randi

Here’s an idea, James. Why don’t you subject your *own* belief system of empiricist, materialist science to skepticism and critical thinking? Go on, answer *any* part of our critique of your faith.

Science is *irrational* because it denounces rationalism as the route to truth and instead promotes the irrational senses and empiricism. In fact, there is only *one* truth, and it’s wholly rationalist – the truth of mathematics.

The Time Enigma

“Time is a great teacher, but unfortunately it kills all its pupils.” – Louis Hector Berlioz

“Day (noun): A period of twenty-four hours, mostly misspent.” – Ambrose Bierce

“Time is an equal opportunity employer. Each human being has exactly the same number of hours and minutes every day. Rich people can’t buy more hours. Scientists can’t invent new minutes.” – Denis Waitley

“Time is what we want most, but... what we use worst.” – William Penn

“The Present is a Point just passed.” – David Russell

“Time is the most undefinable yet paradoxical of things; the past is gone, the future is not come, and the present becomes the past even while we attempt to define it, and, like the flash of lightning, at once exists and expires.” – Charles Caleb Colton

“Time is what prevents everything from happening at once.” – Ray Cummings

Outside space and time, everything *does* happen at once! Clocks don’t tick outside time. That, of course, does not mean that everything is static. Relative to a time environment, events outside time happen at infinite speed.

The Difference Between “Matter” and “Mass”

Matter is anything that takes up space, is available to sense perception, and has mass, volume, and density. Matter can be broken down into atomic *elements*, and then there’s also a subatomic domain stretching all the way down, according to M-theory, to 1D energy strings.

Given Einstein’s equation relating matter (mass) and energy, energy can also be considered as matter even though something such as a photon has energy but no rest mass (and has no volume and no dimensions). Inside stars, photons, it is said, can be converted to mass. Additionally, photons, even though they have no rest mass, have momentum (called electromagnetic momentum to distinguish it from conventional mass-related momentum).

Of course, materialists *have* to say that photons are material entities

because otherwise they would be outside the materialist paradigm. But how *can* massless and dimensionless entities be material? Surely photons are dimensionless energy waves, not dimensional particles.

The real question is whether photons enter the material world at all, or just seem to by virtue of being viewed through a spatiotemporal filter, which mathematically treats them as though they are spatiotemporal particles with material properties.

Science, as an implacable enemy of dimensionless existence, is unwilling and incapable of reaching the true definition of energy: pure energy is *always* dimensionless and mass is simply *dimensional* energy. The fact that there is an equation relating mass and energy does not mean that mass and energy both belong to dimensional existence. It means that if energy leaves dimensionless existence, or seems to, and enters dimensional existence (and becomes mass), this will take place according to a definite conversion factor. Similarly, when mass is leaving dimensional existence to become dimensionless energy, this will happen according to the same conversion factor, in reverse.

In conventional physics, a black hole singularity is considered to have enormous mass (the entire mass of the star which produced it) and infinite density (since it has zero volume). This, of course, is an absurd interpretation that breaches the whole concept of materialism. How can mass take up no volume and still be mass? A black hole singularity in fact has zero mass, zero volume and zero density. The simplest explanation of a black hole singularity is that all of its dimensional mass has been converted into *dimensionless* energy and been removed from material existence entirely. Being dimensionless, this energy is no longer located in a specific place. It is now outside space and time, hence is everywhere and nowhere (in fact, it belongs to the Big Bang Singularity from which all mass originally came).

According to science, the Big Bang was some very weird and inexplicable material, *dimensional* event (even though the Big Bang Singularity was outside space and time, had zero mass, zero volume and zero density and was 100% dimensionless). Self-evidently, the Big Bang event was a *dimensionless* event (impossible in the view of conventional science), giving rise to the *dimensional* material world.

The Big Bang Singularity is associated with *infinite* energy but *zero* mass.

You cannot apply Einstein's equation to dimensionless energy. You can apply it only when energy is entering dimensional existence. Einstein's equation is like a currency converter. If a Japanese converts his yen to Euros, his Euros are of no use to him until he's actually in Europe where he can spend them. Similarly, energy becomes mass only when it enters the dimensional domain.

It's pointless to talk about a strict mass-energy equivalence. Even though there's always an exchange rate for Japanese yen and for Euros, you can't use yen directly in Europe or Euros directly in Japan, so you can't say that yen and Euros are the same thing in different form. They're not: they're very different things that have very different domains of applicability. In exactly the same way, mass and energy have completely different domains of applicability and are definitely not the same thing.

One might say that a yen "becomes" a Euro when a Japanese traveller reaches Europe, and becomes a yen again when he returns home. However, it's always either a yen or a Euro, never both, even though a rate for its conversion is always available. Mass is *never* pure energy, and pure energy is *never* mass. Pure energy is dimensionless and mass is dimensional energy. You have failed to understand the relationship between mass and energy if you don't grasp that, like the Euro and yen, they belong to different "countries". Energy can *become* mass and mass can *become* energy, but they are never the same thing. The mass of a star that became a black hole singularity is no longer mass, it's pure energy. "Mass" is no longer relevant; the description is now invalid. The mass is now *dimensionless energy*. However, since scientists don't accept dimensionless existence, they are forced to try to maintain some kind of dimensional description. If pushed, they will admit that the laws of physics break down at singularities, but they claim that a suitable materialist theory will appear in due course to make sense of it all. Of course, no such final theory will *ever* emerge because existence is fundamentally dimensionless, not dimensional, and there can be no final theory that does not have this as its central fact.

Black holes remove mass from the material universe. The expansion of the universe is also a mass-destroying phenomenon and eventually all the mass of the universe will vanish and there will be no material world at all: everything will have returned to dimensionless existence. At that point, a new Big Bang will take place and the material universe will be reincarnated in a new "body".

What is dimensionless existence? It's the divine, eternal Vibration of the Universe. It's God in his purest state: "God in himself" – the Hegelian Absolute Idea.

Subhumans

"Goyim Were Born Only To Serve Us. Without that, they have no place in the world – only to serve the People of Israel." – Rabbi Ovadia Yosef

The Nazis – the "Master Race" regarded the Jews as subhuman. The Jews – the "Chosen People" – see all goyim as subhuman. The Nazis and Jews were made for each other!

The Proselytizers

Every now and again, a shifty Christian approaches you, saying, "Can I interest you in this pamphlet about your Lord and Saviour Jesus Christ."

Non-Christians should stand outside Christian Churches and say, "Can I interest you in a pamphlet about reason and knowledge to save you from charlatans like Jesus Christ?"

Yes, give them a taste of their own medicine. They seem to believe they have the right to aggressively and obnoxiously try to convert us; so we must have the right to do the same to them. Let's see how they like it.

Print off some cards about how Jesus Christ is Satan and Christians are wicked Devil Worshippers, and, whenever a Christian tries to give you anything, immediately present him one of your cards. Touché.

The Critics

Critics can never create anything new and great. If you're too critical, too *self-critical*, you will end up tearing to shreds everything you do. Creativity exists in an extremely narrow range between extreme self-confidence and self-criticism. You can't create if you're too self-confident and insufficiently self-critical. You can't create if you're not confident enough or not self-critical enough. You can't create if you're too self-critical and insufficiently self-confident.

Matter

In *The Evolution of Matter*, Gustave Le Bon (1841 – 1931) asserted that matter is inherently unstable and is constantly and slowly transforming into

ether. This, in fact, is the inevitable outcome of the expansion of space. In the end, this expansion will eliminate all material things.

Scientists believe that atoms will remain stable while space expands, but this is to completely misunderstand the quantum mechanical wavefunction which encapsulate the *whole universe*, hence is directly affected by the expansion of space. Imagine the space between nuclei and electrons becoming increasingly “stretched” – eventually all atomic forces are overcome and the component particles fly apart. Moreover, even the component particles themselves are stretched – their wavelength gets longer and longer until it’s infinite, at which point particles no longer belong to the material world but to the dimensionless world.

The expansion of space unquestionably affects the Higgs field. All of this is ignored by scientists who conceive of “inter-distance” (the distance *between* atoms) always expanding, but “intra-distance” (the distance *within* atoms) always staying the same. This is ridiculous since there’s no fundamental difference between the distance between two atoms and the distance between an atomic nucleus and an electron. The whole universe could be conceived as a collection of nuclei with a swarm of electrons buzzing around them. The logic of quantum mechanics is that no particular electron is associated with any particular nucleus: that’s why quantum particles are regarded as identical and indistinguishable. You can’t place labels on quantum particles and track them. That means inter and intra particle distances cannot be coherently distinguished and that means that just as the distances between galaxies are expanding, so are the distances within atoms. That spells the end of matter since it all gets stretched out of existence (or, to be more accurate, it all becomes “ether”, i.e. dimensionless, and is therefore converted into *mental energy*).

The Principle of Sufficient Reason

“Further, assuming that things must exist, it must be possible to give a reason why they should exist as they do and not otherwise.” – Leibniz

Revenge of the Idiots

Idios kosmos: the private world. It coexists with, and is opposite to, *koinos kosmos* (the public world). An “idiot” is someone who always inhabits *idios kosmos* and ignores *koinos kosmos*. In this sense, anarcho-libertarians – who want to be left alone in their own private, “free” world – are *idiots*.

Idios kosmos and *koinos kosmos* were phrases coined by Heraclitus. He formulated the key Illuminist idea that the waking share a common world (*koinos kosmos*) while the sleeping turn aside into their own world (*idios kosmos*). *Koinos kosmos* is objective and *idios kosmos* is subjective.

Philip K. Dick viewed schizophrenia as *idios kosmos* intruding in *koinos kosmos* (subjective, private content spilling into the objective, public domain).

Mirrors

“Mirror, mirror, on the wall, who is the fairest of them all?” – the evil Queen (in *Snow White*)

Monads: *living mirrors* of the universe.

Monads: singularities.

Monads: Dirac delta functions.

Monads: *holograms*.

Death

A black hole... the death of a star... the death of a god?

The End of the Universe ... the death of God himself?

Is the Last Judgment the Judgment of God upon himself?

Warping Time

Massive objects bend the space and time around them. How can *time* be *bent* unless time is a type of space? In fact, it's simply imaginary space.

Objects that pass through warped spacetime move as if being pulled by a force: *gravity*! Black holes are where space and time are bent, warped and twisted to breaking point.

Travelling into a Black Hole

“When you approach a waterfall the water flows faster and faster. When you approach a black hole, space itself travels faster and faster. If you're swimming upstream from a waterfall there's this invisible line where the water flows as fast as you can swim, and if you cross that line it's the point of no return. You could never escape getting sucked all the way down. The point of no return for a black hole is called the *event horizon*. Past it, space is travelling inwards faster than the speed of light. I can never go faster than the speed of light through space but space itself in a black hole is allowed to fall as fast as it wants. Which means that everything that wants to go upward, like a particle of light, will be inexorably sucked downwards towards the centre.”

– Professor Max Tegmark

The “Inner” Horizon

A black hole's “event horizon” is the point of no return: once you're past it, there's no way out. Even light can't escape the immense massive gravitational distortion. Spinning black holes have a horizon *within* the event horizon: the *Inner Horizon*.

Like water falling over a waterfall, spacetime itself can fall into a black hole, and it does so faster than the speed of light.

With the black hole spinning at a staggering speed, the centrifugal force generated is simply immense. Objects falling under gravity towards the black hole's centre (the Singularity) are also being pushed out by the repulsive centrifugal force, and the Inner Horizon is where the two effects are in balance. Gravity is trying to pull things beyond the Inner Horizon into the centre, but the rotational centrifugal force is trying to throw them out, back to the Inner Horizon.

A black hole's inner horizon features some of the most extreme conditions in the universe. It's a place of unimaginable force and chaos. Collisions take place at stupendous energies, vaporizing matter instantly.

They ought to put up a *Keep Out* sign!

At the inner horizon, everything falling in meets matter being thrown out by the hole's rotation. Although things falling in to the black hole via the event horizon are going faster than light speed, this inward flow is slowed down by the repulsive effect of the black hole's rotation. So collisions in the vicinity of the inner horizon are occurring at near light speed. This is the ultimate cosmic particle accelerator and collider, generating inconceivable temperatures, far greater than in the inside of a star, and so hot it obliterates any ordinary matter.

The inner horizon is the material world's last defence. Beyond it is the most extreme environment of all: the Singularity itself, which is no longer in the material world at all!

The materialism paradigm collapses at the Singularity. The equations of physics break down completely as far as materialism goes – since what they point to is *dimensionless*, immaterial existence.

At the Singularity, division by zero takes place, which spells the end for materialism. Density is infinite; time stops; space vanishes; volume shrinks to zero; gravity is infinite – these are of course impossibilities since such extreme conditions would destroy the physical universe. The reason why they don't is that they seamlessly pass into the non-physical universe of mind!

The Singularity is where physical theories make no sense, so materialists are trying to rewrite their ideas via M-theory to prevent the horrors of the Singularity from ever happening. It's either that or face the end of their ideology. If Singularities truly exist then souls exist too and mind is an independent domain and is of greater significance and importance than the material domain itself.

Materialists say that in the real world there's no such thing as infinity; it simply cannot occur because it would represent an absolute hole in the fabric of material existence, which is impossible (according to their dogma). Therefore, they conclude, there must be fundamental flaw in the formulation of Einstein's theory of General Relativity that describes black holes.

According to that theory, all of the black hole's mass is compressed into an infinitely small point which occupies no space at all and is not in time. Einstein himself thought that black holes could never physically form in the real universe – Nature would never allow them – and therefore all

speculation about them was academic.

The fact that the scientists *do* accept their real existence means one of two things. Either black holes somehow manage to avoid the *final* Singularity (thus preserving materialism), or, if the Singularity really is there, materialism is refuted! It's one or the other.

A black hole Singularity would constitute proof of mental existence, independent of matter. In fact, it would automatically follow that mind created matter, as in the Big Bang Singularity producing the physical universe. Those seeking to disprove black hole Singularities are also trying to escape from the even worse problem of the Big Bang Singularity. If matter came from "nothing", materialism is no longer tenable.

There's a black hole at centre of our galaxy (the Milky Way). It has four million times the mass of our sun. It's far too large to have formed from the collapse of a single star and was therefore formed from a collapsing star group, or even an earlier galaxy! Black holes that are much more massive than stellar black holes are described as "supermassive". Everything in our galaxy (of the order of a million million stars) is spinning round the supermassive black hole at its centre.

There is a supermassive black hole at the centre of *every* galaxy, and some of these are estimated to be a thousand times more massive than in our galaxy: several *billion* solar masses.

The supermassive black hole is estimated to be around 1,000 times less massive than the galaxy in which it is located, and is thought to control the galaxy around it – how it forms, and how it evolves. It's nothing less than the galaxy's *soul*, its controlling mind. The galaxy is the body (or physical brain); the supermassive black hole is the mind.

The supermassive "monster" black holes in the centre of galaxies might ultimately be responsible for the appearance of life since life-bearing planets need solar systems, solar systems need stars, stars need galaxies and galaxies need supermassive black holes.

When the ancients spoke of planets and stars having souls, it wasn't odd at all; it was more or less true!

There are estimated to be billions of stellar black holes all across the observable universe, and a vast number of supermassive black holes. Black holes are *everywhere*. They may in fact be the dominant force in the evolution of the physical universe – and, given that they have the same properties as dimensionless minds, that's somewhat remarkable.

Einstein's general relativity equations are either breaking down in countless places ... or being triumphantly vindicated, but in the most unexpected way: in terms of mind, not matter!

What, really, are black holes? They are centres of mind, outside space and time, where infinite, eternal, basis frequencies are located – of exactly the kind involved in Fourier mathematics. In fact, a physical galaxy is nothing other than an inverse Fourier transform of information contained in the black hole! It's not the black hole whose existence can be called into question, but the precise reverse. The physical galaxy isn't actually there at all! It's just a representation of black hole frequency information.

The same consideration applies to the whole universe. The Big Bang was not a physical event and did not create any matter at all. The Big Bang was a mathematical event, and simply converted a cosmic Fourier frequency function into a cosmic spacetime representation. In fact, even that's not true. The Big Bang has always remained as a strictly mental event. Everything takes place within the mental Singularity.

It wasn't until animal minds appeared, capable of performing their own inverse Fourier transforms or tuning into cosmic inverse Fourier transforms, that the subjective notion of "physicality" first made its appearance in our universe. Before that, the universe was simply a vast – cosmic – pulsing mathematical mind, an infinite vibration occurring in a single point comprised of infinite points (minds/souls).

More or less everything about how scientists conceive of the universe is false. They are locked into a phenomenal representation of a reality that, ultimately, is wholly noumenal.

In quantum mechanics, it's said that particles can literally be in many different places at the same time. This is of course preposterous in *physical* terms – and ipso facto destroys the materialist paradigm – *but it's exactly what you would expect in mental terms where everything is interconnected and outside space and time.*

Quantum mechanics is the pinnacle of scientific achievement yet, if materialists actually understood it, they would realize it was the definitive *refutation* of materialism. Black holes and quantum mechanics can be understood only in relation to a physical world that originates in an interconnected, non local cosmic mind outside space and time.

M-theory is an attempt to create a theory of quantum gravity that reconciles quantum mechanics and general relativity within an empiricist

materialist paradigm. This will *never* succeed. Black holes and quantum mechanics can already be merged – via a Fourier theory of Mind. As soon as mind is accepted as the primary reality, based on Fourier basis waves outside space and time, everything else falls into place.

The theory of quantum gravity will, in due course, be shown to be Fourier theory of gravity. All that's required for a final scientific theory of everything is to link Fourier transforms to mass and Riemannian geometry.

Without mind (and Fourier frequencies) to link them, general relativity and quantum mechanics can never be merged. They are wholly incompatible in a materialist paradigm.

General relativity is – until black holes are reached – entirely materialist. Quantum mechanics is, on the other hand, overwhelmingly a theory of mind (though is never recognized as such). Quantum mechanics has at its core an unobservable, non-local wave function – a wholly mental entity.

The Consciousness Conjecture

Just as there is one supermassive black hole per galaxy, there is one conscious species – such as humanity – per galaxy.

Although this would seem to make consciousness rare, there are in fact *countless* galaxies. Consciousness is therefore present all across the universe.

The Origin

Roughly speaking, the sun is a million times more massive than the Earth. The Milky Way has a million million stars. The observable universe has a million million galaxies. And all of this came from one point – the Big Bang Singularity. How can a material universe – vast beyond the imagining – come from nothing at all? If it doesn't come from “nothing” then it comes from “something”, but something which is dimensionless, hence appears materially to be nothing. In other words, matter comes from mind and the Big Bang was a mental, mathematical event.

The Bangless Bang

People always forget that sensory information – sights, sounds, tastes, smells, tangibility – requires sensory organs, and brains to process and decode it. Without sensory beings then all sounds are soundless (they are never heard), all sights are sightless (they are never seen), all tastes are tasteless (they are never tasted), all smells are odourless (they are never smelt) and all tangibles are intangible (they are never touched).

In other words, the Big Bang involved no big explosion, no fireball, no sound. It was an invisible, non-sensory event that occurred entirely mathematically!

Even when sense organs appeared in living creatures, there was no comprehension of what was being sensed. Only when consciousness emerged did the universe “appear” for the first time, as something that could be reflected upon, and attempts made to understand it. Of course, consciousness minds initially approached “reality” through Mythos and made up fantastical explanations for what they were observing. This remains overwhelmingly true to this day.

Only in Ancient Greece – where Logos was born – did human beings start to comprehend reality rationally, *mathematically*. Even now, only a tiny proportion of the human race have any understanding at all of the true nature of existence.

A black hole is said to be an object whose gravity is so strong that not even light can escape. Others prefer to say a black hole is a place where space is falling faster than light (hence light can never outrun it to achieve escape velocity). In Einsteinian relativity, the speed of light is of course the cosmic speed limit, but that refers to the speed of light through the vacuum of space. However, no limit is placed on the speed of *space itself*.

What could be more exotic than space? Space *expands*. In certain circumstances, it can outrun light. It’s the source of a seething foam of virtual quantum energy. Who would have thought it? Space is no longer a static Newtonian container but a dynamic, warpable, frothing “substance”. Space is of course incomprehensible in material terms. Space is wholly monadic – it’s *mental*.

The Holographic Paradigm

“The True is the Whole.” – Hegel

The Singularity – composed of infinite singularities – is the Whole.

The Singularity is the True.

There is no other Truth.

Holophore

A *holophore* is a “whole-bearing” symbol, such as the tetraktys, the sign of the cosmos. It is “everything at once”, unifying separate dimensions of knowledge. The Singularity, the Monad of monads, is the ultimate holophore.

Pyramid

The precise meaning of “pyramid” is unknown. Several different etymologies have been suggested. One interesting possibility is that it comes from the ancient Greek *pyra* meaning “fire, light”, and *midos* meaning “measures”. So, a pyramid is about measures of fire or measures of light, and given the closeness of the concept of fire and light to *soul*, we might say that the pyramid is where the soul is measured (for the afterlife)!

The Higgs Field

The Standard Model of Physics proposes that there is a field – the *Higgs field* – which is almost indistinguishable from empty space, and fills all of space. It’s through their interaction with this field that particles acquire their mass. Those that interact strongly with the Higgs field are heavy, those that interact weakly are light, and those that don’t interact at all are massless.

Holophones

Holophones are *sound holograms* made out of sound waves rather than light waves.

Time’s Up

In Newtonian physics, space and time are absolute and are wholly separate. Einstein’s monumental contribution to physics was to clearly show that space and time are actually dynamically and inversely coupled (thus as speed

through space increases, speed through time decreases and vice versa).

For Newton, time and space are different substances. For Einstein, they are in some sense different and complementary aspects of the same substance (*spacetime*), although he never took any interest in the metaphysical issues raised thereby. In Illuminism, the mystery of spacetime could hardly be simpler: space is based on real numbers and time on imaginary numbers, orthogonal to the real numbers, hence they have the precise mathematical relation we observe. Any increase in spatial characteristics automatically results in decreased temporal characteristics, and vice versa. That's the nature of complex numbers (involving real and imaginary components). Illuminism definitively solves the nature of spacetime and does so using analytic mathematics based on complex rather than real numbers.

Einstein's most disastrous thought was to define spacetime relativistically rather than in absolute terms. He thereby destroyed objective reality (*the reality principle*). You cannot have both the reality principle and the relativity principle. They are mutually exclusive. Metaphysically, you cannot have a "relative" substance. All substances are absolute.

Atoms of Spacetime

"Some theorists think that there are 'atoms of spacetime' but I strongly think this is wrong. I think everyone would agree that spacetime itself is on the chopping block, but it will be replaced in my view by something infinitely more interesting than 'atoms of spacetime'." – Dr Nima Arkani-Hamed, Institute for Advanced Study in Princeton.

All dimensional *atomic theories* suffer from the catastrophe of "granularity" – what exists *between* the grain-like atoms? Such theories destroy the notion of a mathematical and scientific continuum against which all processes can take place. The only logically acceptable atoms are mental atoms – monads – which create a perfect plenum, without a single gap between atoms. Mental atoms create a perfect and absolute mathematical grid as a flawless background for everything that takes place in the universe.

Hypertime

Prof Itzhak Bars of the University of Southern California in Los Angeles proposes that there is a 6D universe involving four spatial dimensions and two dimensions of time. Who ordered that? What's the sufficient reason for that? As ever, such hypotheses arise as trial and error attempts; in this case to solve conundrums in M-theory. They never have any logical justification. Why would the universe choose such arbitrary, clunky, asymmetrical parameters? Existence could never be so irrational and ugly, so given over to ad hoc considerations rather than eternal rational principles.

The Fourier Transform

The Fourier transform assumes that a signal is analysed over *all of time*: an infinite duration. Time does not exist in the frequency domain, so frequency cannot change with time in that domain. All frequencies are eternal and immutable. In mathematical terms, frequency and time are orthogonal, meaning that they cannot be mixed. They are *immiscible*.

A sine wave consists of a single frequency only, and its spectrum is a single point (on the frequency axis), with the relevant amplitude. A basis sine wave exists over infinite time, so to speak, and never changes.

Imagine the characteristic oscilloscope trace of a sine wave in the time domain, going on forever. Its Fourier transform converts that time domain waveform into the frequency domain, and it compresses all of the information in the sine wave over infinite time into just one frequency point.

Time for a Think

Time has baffled philosophers for as long as, well, time has existed. What is it? Where is it? How do we interact it? Did time exist before the Big Bang? If nothing is changing, does time exist? Is there infinite time ahead of us, or will time end? Is time linear or cyclical? Can anyone create time? Can we go back in time?

Nature is full of recurring cycles: days, months, years, tides, seasons, and so forth. Why shouldn't Cosmic Ages be cyclical too? If you think about it, a day is an example of eternal recurrence, yet we all regard the passage of days as linear rather than cyclical. Each day, on average, is much like the previous one, but the exact events of each day are never repeated. Why shouldn't it be

the same for cyclic Ages: the same pattern, but not identical events?

Cyclical time implies reincarnation. We are caught in a wheel of existence, and we keep going through the process of birth, growth, death, rebirth, in a new body each time. Our lives simply reflect the four seasons: birth (spring), peak of our powers (summer), waning powers (autumn) and death (winter). Resurrection, on the other hand, implies linear time: we have one body forever.

The Big Bang implies cyclical time because it's inconceivable that there weren't other Big Bangs before the last one. There's no sufficient reason why there should be only one Big Bang. If one can happen, an infinite number can happen. The universe, like us, is born, grows, dies and is reborn. The Big Bang is simply the moment of cosmic conception and birth.

The arrow of time associated with entropy (whereby the future is more disordered than the past) seems to be a strictly linear concept but we can just as easily apply it to cyclical time. In our world, the seasons are cyclical but are nevertheless moving forward within a bigger series of seasons (the seasons of Earth: the birth of the planet, growth of the planet, decay of the planet, and death of the planet). Cycles operate *within* cycles, and the overall scheme always has an arrow (pointing to death, which is also the prelude to rebirth).

Death is the most entropic state and birth the least. We begin as incredibly ordered systems and by the time we die all of that order has frayed, decayed and fallen apart.

The proof of the fallacy of humanity's current understanding of time lies in the arrow of tensed time that defines the past, present and future. Given that the basic scientific laws seem, naively, to work just as well "backwards" as forwards (i.e. they are said to be time reversal invariant), why can't the cosmological arrow of time reverse itself and make us experience our lives backwards? That is, "tomorrow" will in fact be yesterday. Instead of dying from old age, we die when we go back beyond the moment of conception.

In truth, the notion of the laws of physics being time reversal invariant is 100% false. Movement always proceeds in one direction; you can never go back. Time reversal invariance actually refers to the fact that time is simply imaginary space. Just as we can go backwards and forwards in real space, so we can do the same in imaginary space. But this has nothing to do with tensed time, which is always going forward from the past to the future via the present. There is no such thing as tensed time reversal invariance; only of

tenseless time reversal invariance (and tenseless time refers to static imaginary space, not to anything that is moving from the past to the future).

Night or Day

“I often think that the night is more alive and more richly coloured than the day.” – Vincent Van Gogh

Are you a night or day person? Are you more alive when the sun goes down or when it comes up? Are you angel or vampire?

The Enigma of Now

“Of these three divisions of time [past, present, and future], then, how can two, the past and the future, *be*, when the past no longer is and the future is not yet? As for the present, if it were always present and never moved on to become the past, it would not be time but eternity. If, therefore, the present time is time only by reason of the fact that it moves on to become the past, how can we say that even the present *is*, when the reason why it *is* is that it is *not to be*? In other words, we cannot rightly say that time *is*, except by reason of its impending state of *not being*.” – St. Augustine

If the past no longer exists and the future doesn't yet exist, can the present be said to exist? Well, by the time an instant is experienced or thought about, it's already over. It departs at the same instant it arrives, and how can that be “existence”? So, given that past, present and future all seem non-existent, does time exist at all? Is it real or an illusion? Was Parmenides right all along that change is wholly illusory?

Since the present becomes the past as soon as it has happened (in an infinitesimal instant) we can either conclude that all change occurs infinitesimally, or, bizarrely, that the past is where change takes place – yet everything that's past is no longer real; it doesn't exist. If the past is the *store* of change but the past doesn't exist then time is not in fact passing at all. “Change”, in such a view, is always something that has happened and not something that *is* happening. Change either belongs to a present that is past even as we think about it, or belongs to an unreal, non-existent past, hence must itself be unreal and non-existent – it's an illusion!

“I know well enough what time is, provided that nobody asks me.” – St. Augustine

“Presentists” claim that the present is the only thing that exists. The past, having already happened, is no longer accessible and therefore no longer a part of reality. The future is unreal too. If it were real, it would already have happened (making it the past, which is a contradiction) and be unchangeable.

Thus time, as conventionally understood, is so mysterious that there are viable questions as to whether it exists at all, yet how can it not?

“Everything past is unreal, everything future is unreal, everything imagined,

absent, or mental is unreal. Ultimately real is only the present moment of physical efficiency.” – Stcherbatsky (Buddhist scholar)

St. Augustine’s opinion that the present is merely a “knife-edge” between the past and future, and that it’s incapable of containing any duration of time, illustrates this view. Any possibility for time travel is erased, because, if the past and future do not exist, then there is no possible way to reach either destination.

If the present exists then how long is it? Is it extended or unextended? If it’s unextended then it has no duration, hence doesn’t exist in the dimensional world. If it’s extended, we ought to be able to measure it, but we can’t.

Descartes advocated spatial extension (length, width, and height) but not temporal extension. Only the instantaneous present existed, and not the past or future. This led to the curious conclusion that, in order for us to exist, God had to keep recreating us on a continuous temporal basis or we would simply vanish. Time, in this view, is the product of unceasing divine re-creation.

Leibniz emphasized *events*. Without these (i.e. without things happening), “time” is meaningless and cannot be said to exist. Time is simply the way events are ordered.

Illuminism is based on a different Leibnizian consideration: *that everything is always in motion*. This eternal motion is the basis of tensed time: the journey from past to future via the present. Motion is uni-directional (like the hands of a clock always going in one direction only). This is an *absolute* consideration and is the origin of tensed time. Illuminism is formally a *presentist* theory. All change takes places in the present instant and nowhere else.

Actually, it can be argued that all change takes place at one infinitesimal in our future. Our present is the state into which the cosmic wavefunction *immediately ahead of us* has just collapsed. If this were not so, we would exist inside a bizarre wavefunction where nothing had been resolved (no definitive collapse had taken place, thereby concretely selecting one option and rejecting all the other possibilities). At each instant, you choose a course of action. Imagine a world in which you had never chosen but were always on the *verge* of choosing. No one could exist in such a world. We live in the *collapsed* wavefunction present, not the *collapsing* wavefunction present. To that extent, we might say that the present is the past and everything is happening in our immediate future, which is the true “present”! Wrap your mind around that.

Within a Monad

The only thing that can happen inside a monad is “private” thinking in the dimensionless domain. Outside monads, “public” thinking takes place within the dimensional domain. Public thinking does not seem like thinking at all: in fact, public thinking corresponds to science – the events of the material world, directed by objective mathematical laws.

Monads have self-sufficiency (*autarkeia*). They are self rulers (autarchs); the source of their own internal actions. They are uncaused causes. They have causal agency without themselves being caused, which is why they can exhibit free will. Free will is simply the ability to initiate behaviour without having that behaviour forced on you by anything external to you. You cannot have free will without uncaused causal agents (i.e. immortal souls!).

Reason

“...there are two Great Principles: that is, that of identity or contradiction, which states that of two contradictory claims [e.g. it is raining; it is not raining], one is true and the other false; and that of sufficient reason, which states that there is no true proposition for which someone who had all the knowledge necessary for a perfect understanding of it, would not be able to see the reason for it. The one and the other principle hold not only for necessary truths but also for contingent truths, and it is even necessary that whatever has no reason *does not exist at all*. For one can say in a certain way that these two principles are contained in the definition of the true and the false.” – Leibniz

For Leibniz, reason is grounded in two principles. First up is the *principle of contradiction*: “The same attribute cannot at the same time belong and not belong to the same subject and in the same respect.” – Aristotle. To put it another way, all analytic propositions – where the predicate is contained in the subject, e.g. “all Chinese women are women” – are true. This is a correlate of the *principle of identity*: a proposition cannot be true and false at the same time. For Leibniz, the principle of contradiction is functionally the same as the principle of identity: $A = A$. This can involve no contradiction. A is what it is. It cannot be what it is not.

“Leibniz claimed that the Law of Identity, which he expresses as ‘Everything is what it is,’ is the first primitive truth of reason which is affirmative, and the law of non-contradiction is the first negative truth, arguing that ‘the statement that a thing is what it is, is prior to the statement that it is not another thing’.”
– Wikipedia

An identical proposition – an identity – is an affirmative proposition in which the predicate is explicitly included in the subject (“A is A”; “AB is B”) or it’s a negative proposition in which the non-inclusion of the predicate in the subject is explicit (“A is not non-A”; “AB is not non-B”).

Second, the *principle of sufficient reason*: no assertion is true without there being a sufficient reason why it is thus and not otherwise (nothing happens for no reason). This can be recast as “all true propositions are analytic.” So, all analytic propositions are true and all true propositions are analytic. This was the position Leibniz adopted in his published *Monadology*, describing a perfectly programmed and harmonized universe. Every “fact” of existence was, in effect, a perfect line of analytic code that could never be in error (because it was coded by God). Everything was *precisely* analytically defined.

In summary, there is no truth that involves a contradiction. Any statement that is self-contradictory is ipso facto false; it is impossible ontologically. And there is no truth that lacks a sufficient reason.

There can be no contradictory ontological truths, and no ontological truth can lack a sufficient reason for it being so and not otherwise.

These considerations apply to the fundamental rational principles of existence. The principle of contradiction does not, however, apply to the messy dialectical processes that occur within that framework, which are all about contradictions and their mutual interpenetration.

Leibniz provided several different formulations of the Principle of Contradiction:

- 1) For any two contradictory propositions p and q, one is true and the other is false.
- 2) For any proposition p, p is either true or false.

- 3) For any proposition p, p is not both true and false.
- 4) For any proposition p, if p implies a contradiction, then p is false.
- 5) For any proposition p, if p is false, then not-p is true.
- 6) For any proposition p, if p is an identical proposition, then p is true.

There are two sorts of *truths*: those of *reasoning* and those of *fact*. Truths of reasoning are *necessary*, and their opposite is *impossible*. Truths of fact are contingent, and their opposite is *possible*.

The ultimate reason for things must lie in a *necessary* substance: that substance is the autonomous, self-ruling monad. All individual monads are unique substances, but they all belong to the same substantial class (the class of monads).

A monad is its own sufficient reason: it needs nothing outside itself. It is its own “first cause”, “prime mover”, and causal generator. It is necessary and it is without limits. All monads are inherently connected with and to infinity. A monad is intrinsically an eternal motion machine. It can never run down. It will generate causes *forever*.

Monads are the only necessary entities. Reality must be grounded in something existent and actual, hence must be grounded in monads.

For monads, uniquely, *essence includes existence*. The possibility of a monad’s existence is sufficient for its actuality; one might even say that a monad is infinite possibility, infinite potential, waiting to be actualized. This is true *only* of monads. Nothing else has a sufficient reason for its existence.

Only monads are necessary beings. Only they *must* exist if they are possible (since they are possibility itself). Since nothing can prevent the possibility of that which has no limits (is infinite), which has no resultant parts, which cannot be destroyed, which includes no negation and no logical contradictions, and which is permanently defined by zero (hence requires nothing), we know *a priori* that monads exist. This is the true and definitive ontological argument for which philosophers searched in relation to God. It doesn’t work for God (the concept of which comes with a huge amount of dubious baggage), but it does for monads.

We can also prove the existence of monads in an *a posteriori* sense. If contingent, compounded, mortal beings and things exist, they *must* have their

ultimate or sufficient reason in necessary beings (who have the reasons for their existence within themselves). Mortal, contingent creatures can exist only because of necessary, immortal beings (monads).

All eternal, immutable, necessary, analytic, Platonic truths depend on monads. Monads alone are the primary unities, the fundamental existential units with no cause. Everything else is derived from them.

Monads are *entelechies*: “perfection-possessors”. Each monad is a permanent living mirror of the universe, from its own perspective.

All monads inhabit a single point (the Singularity), therefore all are interconnected. A single point comprising infinite points constitutes a plenum. Every point can affect every other point. Every point can register what happens to every point, as in holography. That is, every monad registers everything that happens in the universe – from its own point of view.

From the information in *any* monad, the whole universe can be reconstructed, just as we can construct the whole from any part of a hologram.

“Everything breathes together.” – Hippocrates

The Ultimate Church

The congregation of monads constitutes the City of God.

Leibniz

Leibniz: *Universalgenie* – a “universal genius”.

Transubstantiation

The Catholic doctrine of transubstantiation asserts that the bread and wine of the Catholic Mass are converted into the *actual* body and blood of Jesus Christ.

Has there ever been an odder doctrine? For one thing, it looks suspiciously like the advocacy of cannibalism! Secondly, it takes us right back to the concept of bodily resurrection: of Jesus Christ somehow being all about his body, his physicality, his literal presence in the material world. Thirdly, Jesus Christ’s physical body no longer exists! Is it being asserted that he never had a physical body in the first place (since if bread and wine can be routinely converted into his physical body, which doesn’t of course exist, then why

can't anything else be turned into his so-called physical body, making it a *simulacrum* of a physical body rather than a physical body itself)?!

Isn't Christianity supposed to be about spirituality, soulfulness, the immaterial domain of immortality? Why have a *physical* ceremony rather than a *spiritual* ceremony? Christianity has always sustained a catastrophic dichotomy between Jewish materialism and Greek (Platonic) immaterialism. Transubstantiation is a *Jewish* materialist idea and ought to be repudiated by all Catholics (just as they should reject Jewish materialist resurrection and embrace Platonic immaterial reincarnation).

Transubstantiation ought to be redefined in terms of reincarnation. Reincarnation involves a continual succession of physical vessels. Your soul never changes, but your body *always* does.

Reincarnation = transubstantiation, moving from one bodily vehicle to another = transmigration of the soul. It also involves an upwards ascent towards *divinity*.

If we define transubstantiation as reincarnation/ transmigration then we can think of it as a dialectical process of gradually transmuting us into *God*. Provocatively, we might say that reincarnational transubstantiation makes each of us into Jesus Christ!

It's not a question of absorbing the actual flesh and blood of Jesus Christ but converting our own flesh and blood into that of a God! Thus, transubstantiation is the ultimate *transfiguration*.

The Puzzle

Why is the cosmos so difficult to understand? What is the essential difficulty that blocks our way? Is there one idea that offers the key to solving the mystery of existence? Well, here is reality in a nutshell: it's a self-solving, infinitely long equation comprised of living numbers (souls!). What could be more majestic than that?

Once you have truly grasped the meaning of this ontological equation, you stand at the beginning of the path that has, at its end, the Mind of God.

The cosmic equation offers two "views" of reality: dimensionless (unextended, non-local, interconnected, subjective) and dimensional (extended, local, separate, objective).

How does the dimensionless universe look from the perspective of the dimensional? It doesn't look like *anything*. In fact, it doesn't seem to be there at all, and scientists go so far as to utterly deny its existence. And from the

perspective of the dimensionless domain, the objective world looks like a vast, implacable clockwork machine rolling endlessly forwards.

As science proves, the dimensionless universe is likely to be interpreted (misinterpreted) in dimensional terms. Why? Because the only way that the advocates of the dimensional domain can respond to anything within their paradigm is dimensionally. They have no other means of apprehending reality, short of altering their paradigm – which they refuse to do.

So, human free will, for example, has to be reinterpreted in terms of causal physical brain states, in which freedom is wholly absent. Isn't it amazing that scientists attempt to demonstrate that they are not free – which implies, of course, that their demonstration is itself produced by scientific causality. What could ever cause atoms to strike and interact with each other so as to produce a seeming need on their part to assert that whatever they are, they are not free? How could the concept of freedom even occur to scientifically determined atoms to which freedom is a strict impossibility?

Would unfree atoms, via their hosts (the machinelike bodies of scientists) strive to demonstrate their own slavery to causality? They would have no choice in the matter, and nor would their “audience”. Therefore, we reach the absurd scenario of deterministic collections of atoms (scientists) “proving” to other deterministic sets of atoms (which, bizarrely, imagine themselves free) that they are not in fact free. Yet none of the actors in this strangest of all plays – stranger than anything Kafka, Joyce or Beckett ever devised – can do anything other than play their parts to the letter, through absolute scientific causality.

How did causality manage to create such weird story lines – about love, freedom, yearning, religion – when in fact all of these things must be 100% non-existent if scientific causality is correct? Well, at least the causal scientific universe has a sense of humour. Then again, it couldn't help itself because this was itself inexorably caused!

In effect, everything in the dimensional domain wears “dimensional glasses”. These incredible glasses force all of existence to appear dimensionally. They frame everything in space and time. They impose space and time on things – such as mind and frequencies – that do not exist in space and time. The dimensionless domain is wholly outside space and time and yet it is impossible, from the dimensional viewpoint, for the “dimensionless” domain to be anything other than spatial and temporal. This is the paradox that has thrown science and philosophy into endless confusion.

The great philosopher Immanuel Kant argued that our minds automatically impose space and time on everything, and that we can therefore never hope to understand the underlying reality that lies outside space and time since we can't help but impose a false, mind-constructed spacetime frame on it.

Kant is right that we are permanently stuck with our dimensional glasses. He is wrong in asserting that we can't reason our way out of the dimensional straitjacket and get genuine knowledge of what he called "noumena" – things as they are in themselves – before we look at them with our dimensional glasses. That's not to say that the task is easy. It's a task that belongs to advanced mathematics.

The dilemma highlighted by Kant's work is indeed the fundamental issue of philosophy and science. How do we "see" something as it really is if it does not conform with the data supplied by our senses i.e. how do we *transcend* our senses? We are prisoners of our senses and our "common sense". But there is an escape route – reason, and, in particular, mathematical reason. Mathematics is the unique tool that allows us to define the most bewildering entities that have no relationship with our common sense. Mathematics can allow the effects of our dimensional glasses to be mentally removed, leaving behind the object itself – the noumenon. Mathematics alone can do this. It's no accident that Pythagoras, the Illuminati's first official Grand Master, considered reality to be fundamentally mathematical.

How *does* the dimensionless domain manifest itself in the dimensional domain? What is the mathematics that allows us to probe this supreme mystery? Your "view" from the dimensionless domain (the noumenal) is spectacularly different from your view from the dimensional domain (the phenomenal). But the views are related with mathematical precision, hence why we are able to gain true knowledge of the domain that we never encounter with our senses.

What, above all, is the mathematical link between the dimensionless and dimensional domains? – it is Fourier analysis that inherently links the spacetime domain inside space and time and the frequency domain outside space and time.

The Neoplatonists

The "One" of Neoplatonism was often called the Monad, and sometimes as the Monad of monads, since it was the source of all monads.

Atoms and Monads

Atoms imply corporeal, material attributes.

Monads imply incorporeal, spiritual, mental attributes.

Atoms ultimately derive from monads since mental “atoms” logically precede physical atoms (physical atoms can, in principle, be infinitely divided; monads cannot be divided at all).

The Rationalists

Descartes, Spinoza and Leibniz were the three great rationalists. Descartes is famous for separating mind and matter. Mind, in his philosophy, is alive and matter is dead (inert, machinelike, clockwork). However, his actual position was that there was only one *absolute* substance (God) which gave rise to two relative substances: matter (which was a single substance), and mind (of which there were as many individual “substances” as there were conscious souls). However, this complex scheme quickly gave way to Cartesian mind-body dualism, and God was omitted by most commentators.

Spinoza, following Descartes, chose to return to the idea of there being only one absolute substance (God or Nature), with matter (extension) and mind (thought) simply being two of an infinite number of *attributes* of this single substance (the two attributes which humans can grasp). All attributes are absolutely independent of each other, yet seem to operate in perfect harmony because they are all reflecting a single coherent being (God). Each attribute appears in specific ways or *modes* (individual instances). A particular body is a mode of extension; a particular thought is a mode of mind.

Leibniz, on the other hand, focused on the countless Cartesian minds (each of which was defined as a unique substance) and defined them as monads. He invoked *infinite* “substances” (autonomous monads) and it’s from these that matter originates, i.e. matter cannot exist independently of mind, as Descartes had maintained. Mind is primary and matter secondary.

For Descartes, a soul was inherently conscious; for Leibniz, it was inherently unconscious but could evolve consciousness when it’s thinking became “clearer”.

Descartes couldn’t explain how mind and matter interacted given that they were separate substances. Spinoza extracted himself from this difficulty by

having only one substance. Leibniz did something similar. Although he had infinite substances, they were all of the same kind (monads), and matter was a phenomenon to which they gave rise, but which was not separate from them.

For Leibniz, all substances (monads) are sources of independent action: each is a centre of force. This mental action is in turn reflected in the motion of matter.

David Hume on the Self

“When I enter intimately upon what I call myself, I always stumble on some particular perception or other, of heat or cold, light or shade, love or hatred, pain or pleasure. I never catch myself, at any time, without a perception, and never can observe anything but the perception.” – Hume

Hume asserted that no investigation would reveal an immaterial, indivisible, imperishable soul-substance. Well, *duh*, how could it? How can any material, sensory process reveal something immaterial and non-sensory? How could any introspective contemplation of the conscious mind reveal anything other than conscious mental contents such as perceptions – what else would you expect to encounter in consciousness? That of course, in no way refutes the existence of an unconscious mind.

When Hume was referring to “perceptions”, he was *already* tacitly accepting the existence of soul substance. After all, where is a perception? Can you touch one? Can you bring a perception into sensory awareness? The perceptions *are* our sensory awareness, and they are wholly immaterial and mental.

Mind, for Hume, is just a succession or jumble of perceptions – a “stream of consciousness”. At no time is any immortal soul revealed. But what on earth was Hume expecting to find? The soul isn’t on Earth! It isn’t in space and time.

Hume’s arguments concerning the soul are ludicrous. As a materialist, empiricist skeptic, he plainly had no idea what a soul is. He’s a classic example of a thinker devoid of intuition and imagination. In all probability, he was rather autistic and suffering from a kind of hyper sensory bias. Because he couldn’t bring causality into his sensory awareness, he concluded it didn’t exist! Someone who denies causality for its lack of empiricist materialist “reality” certainly isn’t going to be an advocate of the soul.

Monads are entelechies: developing and moving toward self-fulfilment, self-realization and self-actualization. A monad contains within it everything it requires to become God. It has divine potential, but it must turn it into reality. Much of the evolution of the monad involves self-recognition, becoming aware of what it truly is and what it's capable of.

In the 18th century, Germany was consumed with the soul and spirituality. Reality was seen in *living* terms. In Britain, the empiricist, materialist influence of Locke, Berkeley, Hume and, above all, Newton, was dominant, and reality was cast in terms of clockwork mechanisms and machines.

Compared with the Germans, the British were brutes and Philistines. The Americans, being born of British colonialism, followed the British path, but with a bizarre twist. While modern Britain is a secular, materialist, consumerist, soulless society (exactly in line with its empiricist, pragmatic past), America is, at one and the same time, one of the most religiously extremist nations on earth (the Republican Christian Fundamentalists are akin to the Taliban!) and also staggeringly practical, cynical, materialist and consumerist. So, are the Americans people of soul or outright materialists in complete denial about their true nature?

Bertrand Russell called it right when he rubbished American spirituality, saying, "The Christianity of the Synoptic Gospels is almost innocent of metaphysics. The Christianity of modern America, in this respect, is like primitive Christianity; Platonism is alien in popular thought and feeling in the United States, and most American Christians are much more concerned with duties here on earth, and with social progress in the everyday world than with transcendental hopes that consoled men when everything terrestrial inspired despair."

American Republicans are extremely like Jews (which is why they are so supportive of Israel and Zionism). Judaism is not a religion but a way of life. It has no connection whatsoever with metaphysics and intellectualism. "Smart" Judaism is Kabbalah, which is just a rip off of Neoplatonism, Hermeticism and Gnosticism. Kabbalah is paganism with Jehovah absurdly, and offensively, bolted on.

Germany remains the most promising nation on earth, the most capable of leading the world forward to a glorious New Age. Sadly, its Nazi blemish has crippled its self-confidence. Yet Nazism was itself a sign that Germany lusted for an escape route from Judaeo-Christian capitalism. It *still* lusts for it. In fact, the whole of Europe does. A united Europe, a Europe espousing

Platonism, may well be humanity's best option. To be more specific, a united *Western* Europe (since the East was contaminated by Islam and then Soviet totalitarian Communism, which has temporarily changed its European nature).

Imagine the combined power of the Germans, Dutch, Belgians, French, Italians, Spaniards, Swedes, Norwegians, Finns, Danes, Portuguese, Swiss, Austrians, and so on, not forgetting the birthplace of European civilisation – Greece – which must be included despite being in the East.

Let Western Europe (minus the British savages) lead the world forward!

Machine Man

Humans are either alive or are ingenious machines which are not alive at all in any meaningful sense. Can we really say that anything devoid of free will is alive? Descartes associated the soul with consciousness. When he refused to assign consciousness to animals, he therefore declared them soulless and, therefore, lifeless. They were mere mechanisms, albeit of an ingenious biological kind.

The quality of life is of course what distinguishes the living from the dead, but if the living are enmeshed in exactly the same causal networks as the dead and are at no time able to do anything except that which is demanded by causality then they are dead too because their existence is as meaningless as that of dead things. Nothing they do has any purpose, morality or significance – they are simply executing an inescapable program of causality.

If humans are machines, there's nothing to stop computers and androids from being alive on exactly the same basis. That is, there is no qualitative difference between them. Humans and machines have no souls and are simply programmed mechanisms that can never do anything except what they are caused to do by the implacable laws of cause and effect.

The Properties of Monads

Monads = centres of eternal force and movement.

Monads = force atoms.

Monads = spirit atoms.

Monads = soul atoms.

Monads = metaphysical points; the building blocks of everything else via their infinite energy content.

Monads contain the “divine spark”.

A fully actualized monad is pure activity and has the clearest possible consciousness. It is all knowing and all powerful ... it is GOD.

Every monad is a microcosm of the universe. It's the universe in miniature: the infinite universe as a point!

Monads mirror the universe: each is a cosmic mirror reflecting God.

Monads perceive the universe from their own point of view.

Monads are holograms. The whole is in each monad. The whole universe can be reconstructed from any monad.

The Unconscious

What is the connecting link between the physical and mental domains? – the *unconscious*. Existence is mostly about the mental operations of the unconscious on a cosmic scale.

Reality?

“Why might reality be quantized and not continuous? It takes an infinite amount of resources to create a continuous reality, but a finite amount to create a quantized reality. By resources, I refer to bits, the information that it takes to model reality. In order to program a virtual reality, there must be quantization. It is impossible to develop a program with unlimited resolution. So the very fact that our reality is quantized may be considered strong evidence that reality is programmed.” – Jim Elvidge

It does indeed take an infinite amount of resources to create a continuous reality – and that’s exactly what the infinite-energy monadic domain provides. It also take an infinite amount of energy to create a quantized material reality since this quantized reality is simply a Fourier spacetime representation of an infinite Fourier frequency domain outside space and time. Reality has unlimited resolution. It is a plenum and continuum – and only infinite-energy monads can provide this. The fact that our “reality” is quantized proves that reality is *not* programmed and is instead based on infinite monadic living souls.

Quantization is one of the least understood concepts in physics. Quantization is a direct consequence of Fourier mathematics and Fourier mathematics is based on an *infinite* number of basis sinusoidal waves in a domain outside space and time. Infinity, not finity, is proved by quantization.

Reality, in the noumenal domain, is continuous, and that requires infinite resources. The finite domain of science is indeed quantized, but is necessarily underpinned by an infinite frequency substratum. The mental domain is *necessary* and the material domain *contingent*.

The Rational Universe

For Hegel, reality is ultimately *Reason*. Reason has universal necessity.

Hegel famously said, “Whatever is real is rational, and whatever is rational is real.” Is this actually true? The first part certainly is. All that is real is grounded in strictly rational principles, in fact in mathematical principles. But is it true that anything rational is ipso facto real? Is this a version of the ontological argument? Can something that is rational thereby be summoned into existence simply by that fact? No, not all rational things can be real. Only those rational things that are *compossible* will be real (have actual existence). Plenty of rational possibilities – such as unicorns – might never be actualized.

The Illuminist statement, “Whatever is real is mathematical, and whatever is mathematical is real”, suffers from the same objection. Many mathematical abstractions will never be real because they are not compossible. Illuminism is strictly about *ontological* mathematics, not mathematics per se, since mathematics lends itself to many abstractions that will never be ontologically actualized.

Extras

Extras in movies and TV shows are called “background artists”. What about you? In real life, are you a “background artist”? Wouldn’t you prefer to be a “foreground artist” – a *star*?

How Religion Shapes Attitudes

Karl Popper, a Jew, hated Plato and Hegel. Popper’s “philosophy” unconsciously reflected hostility towards anyone who opposed Jehovah as the rightful authority in the world. Plato and Hegel both, in effect, made the State into God and thus the proper authority in human affairs. This infuriated Popper who despised the man-made State that had no need of any Jewish God or Jewish Chosen People.

Many Jews are advocates of negative liberty and free-market capitalism. Why? Because these are the systems least likely to oppose Judaism and Zionist influence in the world.

Soul

We are soul brothers and sisters. We are *soul people*. Well, some of us!

High Volume People

“The loudest one in the room is the weakest one in the room.” – *American Gangster* (movie)

Evolution of the Noosphere

- 1) No reproduction – inert, dead matter.
- 2) Reproduction – crystals.
- 3) Cellular reproduction – all life.
- 4) Motion and sensing – all animals.
- 5) Feeling – mammals.
- 6) Thinking – primates, especially humans.
- 7) Intuition – humans alone (although some animals have instincts and supra-sensory capabilities that perform an intuitive role of sorts).

Dominance through Association

Jews are highly submissive to their God, but, because they think they have him on board, they are dominant towards others and dare to call themselves the “Chosen People.”

The Nazis were highly submissive to their Fuehrer, but completely dominant towards the rest of the world, styling themselves as the “Master Race”.

America is full of submissives in terms of religion and the worship of celebrities and the super rich, but it’s highly dominant towards other nations, and proclaims its own *exceptionalism*, its *manifest destiny* and the divine favour it supposedly enjoys (“God bless America!”).

Egg versus Sperm

Sperm literally means “to penetrate” while egg literally means “waiting”: the egg is awaiting penetration and fertilization (and then it’s waiting to “hatch”).

Crooks

You have to admire the sheer crookedness of crooks. Consider the following fraudulent message, supposedly originating from PayPal:

“Dear PayPal Costumer,

It has come to our attention that your PayPal® account information needs to be updated as part of our continuing commitment to protect your account and to reduce the instance of fraud on our website. If you could please take 5-10 minutes out of your online experience and update your personal records you will not run into any future problems with the online service. However, failure to update your records will result in account suspension. Please update your records before October 06, 2012. Once you have updated your account records, your PayPal® account activity will not be interrupted and will continue as normal. Click here to update your PayPal account information...”

So, you click on to the link they provide – which takes you to a screen that looks very like PayPal (but isn’t!) – and you enter your details ... and the crooks now have all the information required to defraud you and steal your identity!

These people send you a fraudulent message warning you about fraud so that they can defraud you! Isn’t that remarkable?

Of course, most people don’t fall for it, but a few do ... enough to provide the crooks with a nice living and make it worthwhile.

The Global Warming Hoax???

There’s an enormous scientific consensus that global warming is a man-made phenomenon. A small group of scientists ridicules this position and calls it “a hoax”. However, the most vocal advocates of the counter position are not in fact scientists at all, but extreme right wing, free-market anarcho-capitalist libertarians.

A video “exposing” the Global Warming “hoax” explains the motivation for the alleged hoax in the following terms:

- 1) Governments want trillions of dollars in carbon taxes.
- 2) Scientists want millions of dollars in global warming research grants.
- 3) Companies want trillions of dollars in carbon trading profits.
- 4) The United Nations wants trillions of dollars for global wealth redistribution schemes.
- 5) Governments want to control and regulate energy in order to wield tremendous power over industry and citizens.

All five points are keystones of the anarcho-capitalist libertarian worldview and its absolute detestation of any government or bureaucracy that opposes free markets and seeks to regulate them. Note that none of this case makes any mention at all of actual science (which is obviously regarded as completely irrelevant!) Let's explicitly recast these statements in terms of their right wing subtext:

- 1) Governments are evil and want your money via excessive and unjustified taxation.
- 2) Scientists will do and say anything for money.
- 3) The corpocracy will make sure it gets its slice of the pie.
- 4) The United Nations is a front for a communist/ socialist conspiracy to redistribute wealth.
- 5) Governments are evil (in case you didn't get it first time round). They are moochers and looters attempting to take power from wonderful Randian entrepreneurs and they are intent on putting citizens in FEMA death camps and turning HAARP weather-control weapons on them to exterminate them.

And, guess what, "commie" Al Gore is behind it all!

Well, you get the gist. We're in anarcho-capitalist libertarian, 9/11 wonderland where governments are ultra left wing (communist), utterly evil and wickedly conspiring against the free Randian libertarians to prevent them from driving their huge gas-guzzling cars and polluting the atmosphere as they see fit.

When we see the kind of people who claim man-made global warming is a hoax, it inclines us, by that fact alone, extremely firmly towards the opposite camp. After all, why would these people be right about global warming when they are wrong about everything else?

Let's just point out the absurdity of the libertarian case, how it's manifestly refuted by the facts. There are no governments on Earth that are cheerleaders for the radical policies scientists are advocating for combating global warming. So much for the accusation that governments are behind all of this. Next, scientists want to be funded. Big deal. They don't work for free, do they? In fact, very little of the world's science budget is devoted to global warming. Next, the corpocracy, far from agreeing with man-made global warming, is always denouncing this thesis. Next, no one on the genuine left

wing regards the United Nations as left wing; right wing, if anything. There's not one particle of evidence that the UN supports global redistribution of wealth and is driving the world in that direction. Next, governments want to be self-sufficient in energy for the self-evident reason that if they're not then they're at the mercy of their foreign energy suppliers. Shall we allow the super rich free marketeer globalists to set the energy prices for the world, knowing that their single goal is to maximize their profit?

Every element of this alleged conspiracy theory is preposterous, embarrassing and right up there with 9/11 for idiocy and sheer right wing malice and mischief.

Science isn't about emotions. It's about facts. That's not to say that, in this case, the scientific consensus might not be wrong. After all, we say over and over again that the scientific Meta Paradigm of empiricism and materialism is deluded. However, it's much more likely that the counter position (that the current phase of sun activity is the "real" cause of global warming) is wholly wrong.

As advocates of meritocracy, we will leave it to those most meritorious in climate studies to settle the matter. However, it's worth adding that it's extremely alarming that much of the funding for research into the anti-man-made-global-warming thesis is provided by extreme right wingers and oil companies. Cui bono?

There's no doubt that the small group of credible scientists (not the incredible, hysterical ones!) who oppose the consensus have a thesis worth investigating and they ought to be properly funded by governments, and their position ought to be treated with respect. The consensus scientists often ignore the minority group, and this is disastrous. The consensus group, to be credible, must directly address the counter case and explicitly refute it, or admit that they can't. Any scientist who goes against the consensus view is jeopardizing his career, and this is unacceptable. Science is not about creating ideological consensus. It's about creating factual consensus, and the facts about global warming are not yet as clear as they need to be to refute the counter case.

This debate is a classic example of the dialectic in action. We have a clear thesis (man-made global warming) versus an antithesis (sun-made global warming), and now we need either the thesis or antithesis to be eliminated, or for a synthesis to be achieved which reflects the correct elements of both.

At the moment, one group calls the other a gang of diabolical "hoaxers",

and are in turn regarded as eccentric lunatics. That's not going to solve anything. The scientific method itself is mocked by this debate.

The scientific community often claims that it goes to great trouble to attempt to falsify its theories (with only the most robust theories surviving this process). Well, in that case, science should be going to immense trouble to falsify *both* the consensus and counter positions. But it's not – it calls the consensus view “obvious” and the counter view “nonsense” and ignores it.

You don't refute something by using these tactics. We go great pains to intellectually engage with the positions of our enemies in order to show where they have gone wrong. We write whole books disproving ideologies such as Christianity. We don't just say, “Christianity is nonsense” and ignore it. You have to explain *why* it's nonsense. The global warming counter case has *not* been definitively refuted, and that's a serious problem for those advocating the consensus position.

Leaving the science out of it, we are on the side of the consensus view for *political* reasons. The man-made global warming thesis explicitly identifies *free-market capitalism* as the central problem (which is the real reason why it's opposed by free-market libertarians). If we want the world to start implementing *Venus Project* ways of thinking, this is the perfect issue to use politically. We want to replace free-market capitalism and we want to see the Venus Project turned into reality.

Secondly, if the man-made theory proves correct but humanity refuses to accept it, the world will literally be *toast*. Our lives are at stake. The “precautionary principle” demands that we act on the scientific consensus.

Even though we criticize scientific materialism, we have continually pointed out that science has transformed our world for the better more than anything else (other than reason itself). When it comes to materialist issues, it has proved spectacularly successful. If the science community has an overwhelming consensus about something material, that ought to be regarded as the *de facto* correct position until disproved.

We attack science over things for which science has no explanation (the Big Bang, the nature of black hole singularities, the mismatches between quantum mechanics and relativity theory, life, mind, consciousness and so on). Our attack is metaphysical, philosophical and mathematical. We would be mad to attack science in the areas in which it is demonstrably extremely strong.

Global warming is interesting because a huge consensus has been

established even though the counter position has not been discredited (but is simply ignored). This does indeed seem to be a case of the triumph of groupthink and of the prevailing scientific paradigm.

However, to reiterate our *political* position in this matter, we are completely on the side of the man-made global warming theory, and we are wholly opposed to the libertarian backers of the counter position.

Scientifically, the counter position isn't cranky, but its most vociferous non-scientific supporters certainly are, and they are using this as a 9/11 style weapon to attack the government and the State. In political terms, the counter case is associated with extreme right wing hostility to government and even to science itself (with scientists being regarded as sinister HAARP operatives, and part of a government conspiracy against the people).

Global warming is well and truly where science and politics collide, so be aware that you could be on the right side scientifically but on the wrong side politically.

Even if transpires that the consensus position is scientifically wrong, humanity would be much better off implementing its recommendations anyway – because those recommendations are closely tied to the Venus Project agenda.

It's amazing how easy it is to identify comments by extreme right wingers. Consider this message that appeared on a meritocracy page:

“Idealism is great, except for the part that some other peoples’ ideal is seeing you dead...”

Do you see how the extremest possible negativity is instantly applied to the word “idealism” – it is literally associated with a lethal conspiracy. There is no attempt to enter into any debate. The intention is to verbally destroy the opposition instantly. And, of course, the supreme irony is that the person making this remark clearly wants to see everyone who disagrees with his “ideals” *dead* – and no doubt he has many guns at his disposal to make it a realistic possibility.

Here's another comment: “Plato would love you but I think it a very bad idea.”

Yes, and we should listen to you rather than Plato, one of the world's greatest geniuses? This person doesn't even state any case. He pointlessly

makes a vacuous remark. Amusingly, it turns out that the person is a “rational objectivist” (i.e. a person who worships Ayn Rand). As meritocrats, there’s no one for whom we have more contempt than the self-proclaimed “expert”, and this is one of the central traits of the right wing mentality: they all think they’re incredibly smart and correct. What kind of person imagines he can ridicule Plato? You’d better be one of the world’s most dazzling geniuses before you start setting up your own opinions as superior to those of humanity’s greatest intellectuals. Reading the Bible and *Atlas Shrugged* doesn’t make you an intellectual giant!

We should deploy an Orwellian “versificator” that churns out random right wing bullshit and save these clowns the bother of depositing their nonsense where it’s not wanted.

Who are the people who oppose meritocracy?

- 1) The super rich and their families, those who aspire to be super rich, and those anticipating a very healthy inheritance i.e. they oppose it out of sheer self-interest.
- 2) Stupid people who think that will be in real trouble in a world run by smart people – pure self-interest again.
- 3) Religious fanatics who believe (rightly) that a meritocracy will attack their anti-meritocratic beliefs. (So, self-interest again.)
- 4) Libertarians and anarchists who loathe the government, the State and society. (Self-interest, once more.)

What becomes more and more apparent when reading the postings of the enemies of meritocracy is that it’s simply impossible to establish a meritocracy with any such people in it. Meritocracy must be a system in which people explicitly “opt in”. No one who is an enemy of meritocracy can be a meritocratic citizen. If the world really does care about freedom, there’s no question that the one-size-fits-all nation state must be divided up into bespoke political systems that people actively choose to be part of. We must select our political systems; not have them inflicted on us, or passively accept them because of a rigged “democratic” election.

Why should you ever be locked into a State where you despise who's in charge and how it's governed just because you were outvoted by brainwashed sheeple? What kind of "freedom" is that? It's the opposite. You have been put in prison by democratic vote.

The Soul and God

Religion is *not* about God. It's about the indestructible, immortal soul – which guarantees us an afterlife and an eternal *mental* life. We have countless physical lives – bodies die, and so does the consciousness linked to them – but the Self (mind/soul) does not die and can continually regenerate consciousness in new bodies.

Abrahamists sought to bind the soul to God by making God the Creator of souls. This is 100% false. Souls are *uncreated*.

Buddhism denies the eternal soul but subscribes to some kind of eternal cosmic life force, of which we are all fragments – as in the worldview of the ancient Stoics. Hinduism accepts the existence of the individual eternal soul (atman), but is distinctly unclear about how it relates to the eternal ground of being (Brahman). Sometimes it's said that atman = Brahman. But is that true for all *atmans*? If so, how do all atmans relate to each other in Brahman? Is Brahman one or many? No coherent answer is provided.

In Illuminism, the soul is the monad (a mathematical dimensionless point). There are infinite monads. Each monad is uncreated and uncaused. All monads are individual. Each monad is travelling from maximum potential to maximum actualization (divinity). Each monad can become God. Therefore infinite Gods are possible. Via holographic mathematics, a technical case can be advanced for a God of Gods – the *whole*. Each monad is a part of the whole, and the whole is in each part. (This is probably the best sense in which to understand the Hindu formulation of atman = Brahman.)

In Illuminism, the first God – the first monad to attain divinity – is called Abraxas. In human terms, he is associated with the Illuminati Grand Master Simon Magus (the first human to become God). “Abraxas” is also used to refer to the “God of Gods”, but it is very much up to individual Illuminists to decide what they make of that concept. It's not a necessary feature of Illuminism, but it's an immensely powerful concept to contemplate. Neoplatonically, Abraxas is “the One” – the ineffable Monad of monads – the ultimate object of contemplation. Mathematically, it is the Singularity of singularities, or the Dirac Delta Function of Dirac delta functions. It is the Many as One. Can a Super God be composed of infinite individual Gods – that's for you to reach your own conclusions.

There is no sufficient reason for one Creator God. If one is possible, infinite such Gods are possible for exactly the same reasons that made the first possible. This is the *definitive* logical refutation of the Abrahamic God.

When it comes to monads, there are indeed infinite monads because there is no sufficient reason why there should be an arbitrary finite number, or just one.

In all situations, you ought to bring to bear the principle of sufficient reason in your thinking. Everything about Abrahamism collapses when this principle is applied. Abrahamism is *wholly* irrational.

The M-Theory Calamity

Science styles itself as an empirical subject based on observations, measurements, experiments and experience.

With M-theory, reference is made to unobservable and undetectable 1D “strings”, and to seven “rolled up” unobservable and undetectable spatial dimensions. M-theory is thus a wholly metaphysical theory. So, if you’re going to invoke metaphysics, why not turn to proper metaphysics – *mathematical metaphysics*, full of precise, analytic, rational unobservables? Who needs the ad hoc junk of M-theory? With M-theory, the whole empiricist Meta Paradigm of science is breaking down. What you see is no longer what you get. “Evidence” can no longer be accepted at face value. Facts are no longer facts but interpretations. Observations, measurements, experiments and experience can no longer help you since the fundamental parameters of M-theory are beyond all of that.

Science is unravelling in front of our eyes.

Physical and Informational (Mental) Medicine

What is a medicine? It’s a mathematical corrective – a physical drug encoded with information. This information helps to rectify some aspect of your health that has developed a mathematical imbalance or “glitch”.

A homeopathic medicine has no active ingredient. It did initially, but it has been diluted out of existence. Such a medicine is *informational*, not physical. It retains a Fourier mathematical memory of the active ingredient, so can work just as well as the real thing, but with the huge advantage of producing no physical side effects.

How does “faith-healing” work? Well, it has nothing to do with faith. What it does is bring about a changed mental state, a more receptive mental

state, that “sucks in” from the mental domain, via intuition, the mathematical information that can help to resolve an outstanding problem. Remember, all physical conditions, defects and illnesses are, at root, all about mathematical functions that have gone awry. To cure them, you simply have to informationally correct the imbalance that has developed.

Reality Check

Anyone who acknowledges the reality principle has to face facts. We – radical rationalists – are never going to have any impact if we maintain our current approach. It’s a dead duck – *fact*.

Life is all about communication and communication is about senders of messages and receivers of messages. There are four situations:

- 1) High quality senders and high quality receivers (the ideal world).
- 2) Low quality senders and low quality receivers (this world!).
- 3) High quality senders and low quality receivers (the most frustrating aspect of this world!).
- 4) Low quality senders and high quality receivers (an *impossible* world).

There’s no point in continually transmitting a high quality message if it’s never received, or received only by a tiny handful who can’t make any difference. The message has to be tailored for the audience and for popular culture. Angels, vampires, aliens, fairies, dragons, sex, S&M – *it’s all good*.

Communication is all about the audience that actually exists, not the one you wished existed. You have to cater for their actual tastes, not the tastes you think they ought to have. Capitalism is so successful because it has no interest whatsoever in the quality of people. It will pander to any taste, no matter how debased, if a buck is to be made. Capitalism is quite simply the most immoral economic system conceivable. It’s perfectly happy to degrade humanity to make a profit.

Someone said we were underestimating people’s intelligence. Well, check out the number of “likes” for our website compared with the number of likes for *Gangnam Style*. Only someone enormously overestimating human intelligence could look at the facts of the world and claim this is an intelligent world. If this world were smart, there would be countless mathematicians, scientists, philosophers and engineers. As it is, there are only a handful. If

this world were smart, Abrahamism wouldn't exist, karma wouldn't be believed in, no one would be a free market capitalist and there would be no right wingers. Our world is pretty much as dumb as it can possibly be.

Given that ancient Greece produced a plethora of astounding geniuses 2,500 years ago, we ought to be in paradise by now. The reason we're not is that intelligence and reason are not valued at all. *Money* and *power* have always ruled our world. Is that *smart*?!

The purpose of our proposed new religion is to make people *creative* – to give them cultural permission to generate their own myths and legends and replace all of the old nonsense. This activity will allow the main objective to be achieved: the end of Abrahamic influence. Once Abrahamism falls, everything underpinned by it (such as free-market capitalism and democracy) will fall too.

Never overestimate the intelligence of the people. Never underestimate their appetite for fantasy. When you think of the average human being, imagine a five-year-old child on Christmas Eve who believes utterly in Santa Claus and is sure it will get all of its heart's desires the following day.

Abrahamism and free-market capitalism talk to that inner child, that credulous, irrational fantasist who will believe in anything if it serves its fantasies ... hence their astounding success. M-theory and Illuminism ignore that child and talk to the adult, hence their failure. We *must* learn to talk to the child or we will never succeed. We must have a message that is, at some level, *infantile*. Is Islam not the most infantile thing you have ever come across? That's' *why* 1.5 billion people are Muslims. It offers the most offensively infantile explanation of reality you could get. It's a religion for children and *simpletons*. There aren't any smart *practising* Muslims. Such a thing would be a contradiction in terms.

Illuminism is for adults, but where are the adults? We live in wholly infantilized culture – because that's the best means for the rich and powerful to remain rich and powerful.

We'll get nowhere if we don't learn the lesson. We must offer the masses even more magic and fantasy. We must have the inner child eating out of our hand. Only when we have power can we actually change anything for the better. As Marx said, "The philosophers have only interpreted the world, in various ways: the point, however, is to change it." We have been far too philosophical and we have changed nothing. *Gangnam Style* comes along and within weeks the whole world knows about it. That song *knows* how to

communicate with the masses. We don't. *Fact*. We have to become *Gangnam Style* ourselves, or remain forever irrelevant, preaching the truth from a desert island.

The reality principle demands that we face the facts. So, if you're doing something noble but getting a dribble of "likes" and one or two bizarre Facebook comments once in a while, give up! Try a new tactic. Try to learn what works. We ourselves keep repeating a failed strategy. We do so because we are on a mission and our priority is to do justice to Illuminism, no matter how unpopular it is. However, if we weren't engaged in this mission, we would be using entirely different tactics by now. If you don't *need* to be a failure then don't be!

We are failing because we are on the side of the truth and truth itself is a failure. Nietzsche openly spoke of how, in this world, lies are much more life-enhancing than the truth ... and he was right. He didn't abandon the truth (because he too was on a mission), but he knew the absolute power of the lie. Mainstream religion and free-market capitalism have exploited the lie relentlessly. We must do the same or concede the game to the lunatics. Our game is to find a *better* lie, a *healthier* lie, a *dialectical* lie that can pave the way for a Logos future.

Forget idealism. Forget purity of message. Forget the truth. These are all *irrelevant* in a world where the vast majority of receivers have been rendered of very poor quality. You can't teach Euler's Formula to the masses of *this* world – *fact*. We have to create a new world if we want a world of truth. Step one – get rid of the main barriers to truth. Use popular culture to subvert and undermine the foundations of popular culture.

Effectiveness is what it's all about, judged by "likes". Anything that fails to achieve a million *likes* in six months is a failure – *fact*. Abandon it and try something else. As Beckett said, "*Fail better.*"

Let's get real. Let's get with the reality principle. The Illuminati will keep producing high quality material for the next couple of years, but, after that, our mission is to get the message out there using whatever means, no matter how *cynical*. It's not as if we're not already facing the most cynical forces in history. What could be more cynical than Abrahamism and free-market capitalism?

You should already be at that stage. Your task is to work out how to generate "likes" from millions of low quality receivers, not to produce some marvel that falls and dies on the harshest soil (we've already done that!).

The best way is to be funny, provocative, loud, zany, gross, controversial, creative – and, above all, you actually have to *enjoy it* because otherwise you won't be able to sustain it. If you love fairies, dragons, vampires, angels, hobgoblins, fairy tales, folktales, *let rip*. Unleash your creativity. People will *love* your creativity and enthusiasm. Above all, you'll be communicating with them in their own language. Our difficulty is that we're trying to "sell" the most hated and feared subject on earth – *mathematics*. We're not speaking the language of the people; we're doing the opposite. Mathematics is truth itself, but humanity isn't interested in truth. It wants *stories*. This is a *Mythos* world, not a *Logos* world. Our Logos message has been tried and has failed dismally. Now it's a matter of trying to salvage something from the wreckage.

How to be Right and thus Wrong

“Philosophy is by its nature something esoteric, neither made for the mob nor capable of being prepared for the mob.” – Hegel

“Philosophy must indeed recognize the possibility that the people rise to it, but must not lower itself to the people.” – Hegel

This has always been the stance of the Illuminati, but it hasn't been a resounding success, has it?!

The Obstacles

JM: I believe the old world order final solution is a communist state with the old world order families as heads of it. Also the 100% inheritance tax ... can implement that but they would just put it in the limited companies and change ceo of company, or shift business overseas. What about all the honest law abiding citizens like me who would like to leave their kids their homes, make it easier in this economic climate, where it is difficult just to hold down a job, never mind a home and car etc. You make great speeches but taxing is not the way forward. Criminal cases of embezzlement and corruption is the way.”

This is the sort of garbage we have to put up with. How can a Communist State be run by elite capitalist families? It's a category error. In the left wing French Revolution, the king, the queen and thousands of rich aristocrats were executed. In the communist Russian Revolution, the Tsar, his whole family and thousands of rich aristocrats were executed. Why is that idiots keep associating communism with elite families? America is still ruled by the same elite families that were around two hundred years ago. Are the families of Stalin or Lenin running Russia? Communism has many flaws but propping up dynastic families isn't usually one of them (unless it's North Korea). Only pathetic extreme right wing anarcho-capitalist libertarians keep trying to link elite families to left wing ideologies. Who funds anarcho capitalist libertarian activism? – ultra rich, privileged, right wing elite families!

We keep hearing about people being able to escape 100% inheritance tax. Do you think we're morons who can't administer a very straightforward tax? Anyone who tries to evade 100% inheritance tax using *any* means will be jailed for life. We wouldn't even be against the death penalty for this crime. As Rousseau said, “In order then that the social compact may not be an

empty formula, it tacitly includes the undertaking, which alone can give force to the rest, that whoever refuses to obey the general will shall be compelled to do so by the whole body. This means nothing less than that he will be forced to be free; for this is the condition which, by giving each citizen to his country, secures him against all personal dependence. In this lies the key to the working of the political machine; this alone legitimises civil undertakings, which, without it, would be absurd, tyrannical, and liable to the most frightful abuses.”

100% inheritance tax is the bedrock of meritocracy, hence will be implemented with 100% ruthlessness since there is no meritocracy without it. In today's world, tax avoidance and tax evasion are permitted on an enormous scale because the worst evaders and avoiders are those running the world. In a meritocracy, these people will be as “welcome” as French and Russian aristocrats – and will suffer the same fate if they try to subvert the meritocratic State. No one should have any expectation at all of passing on anything of value to their children. And meritocracy would be a complete failure if any child wasn't utterly sickened by being offered money and assets which they had done nothing to earn.

Predatory Capitalism

WC: “Regarding the issue of 100% inheritance tax, it seems extremely dumbfounding for many people. Here are some of my suggestions. Hitler proposes that there are two types of capital----Creative capital and Non-Creative capital. The former is the capital that can nourish the State, create employment, and finely allocate the resource. The latter is one that ruins the state, makes no contribution, is speculative, and stays mainly in stock market for profit. Obviously, the latter must be eliminated in future. What about usury? What about leasing? Usury is all about a man allowed to receive more than he gives, so is leasing. It’s immoral. What did your renter do except sleeping till afternoon and pushing you to pay rent? These people are parasites. I can’t recall any moment my renter did anything useful for the State. Usury is the root of evil, and it allows the usurer to do nothing but still receiving enormous profit. Jews and most rich families gain their wealth from usury. If we are to eliminate ‘Non- Creative capital’, it’s justifiable to eliminate usury and leasing as well. What about the role of banks? Casino banking must be shut down, but what about traditional interest-based banking? What if we apply a wholly different type of banking? What if a bank can profit only if it renders money as ‘Creative Capital’. For example, it invests its money into the poorly-funded project of a graduate scientist. It needs to help him, provide the necessary advice and brainstorming until his invention or business becomes profitable. The bank acts as a shareholder and takes a portion of profit from the business. No one can make money from money. Money must be used for creating better values in a country’s economy. Banks and businesses are put together; they need to share the same risk and profit. ‘Moral hazard’ banking (such as practised by Goldman Sachs who sold toxic products to clients and then bet against those products) will be eradicated.”

WC makes an excellent point, and it’s well worth considering the Nazi attitude to economics. The Nazis were of course “National socialists”. They certainly weren’t communists, but nor were they free-market capitalists. They advocated capitalism that served the State (and society – the people). The rich were subordinate to the State. No rich people or corporations could dictate to the State as they do in free-market capitalist economies. The State had the total whip hand.

A rational person must be able to distinguish the repellent racist ideology of Nazism from its economic policies. “State Capitalism” (capitalism controlled by the State rather than by free markets and the private sector) = “National Socialism” (State control of the economy, but with private ownership of companies permitted) = “Capitalism for the public and social good, not the private good.” If you replaced the Nazi psychopathic leadership with benevolent meritocrats, would the Nazi economic model represent the best way forward for the Meritocratic State?

As WC said, the Nazis drew a clear distinction between “raffendes” and “schaffendes” capital – rapacious (predatory) and productive (creative) capital. The first concerned usury, profiteering and exploitation, the second investment and creativity. To the Nazis, the Jews were the archetypal predatory capitalists who had no interest in the welfare of the host nation; only in their own profits. This type of capitalism was unacceptable in the Nazi way of thinking and had to be eliminated.

Predatory capitalism revolved around usury. Rich people loaned money to poor people then lived off the high interest they charged. The primary characteristic of the usurer was that he made a superb living from the sweat of others. He himself did no work.

Creative capitalism involved investment in a company, and the investors took an active, working interest in the company. This type of capitalism fed the arteries of industry.

Free-market capitalism is Jewish, rapacious capitalism: commercial and finance capitalism, usury, casino banking, making money from money, often totally divorced from the real economy and its needs.

Free-market capitalists are “globalists” with no interest in the nation state. They will go wherever they can get the cheapest labour, the lowest taxes and the most government cooperation. The Jews – the “wanderers” – were always seen as those with no interest at all in the health and prosperity of their host nation. They were parasites who created vehicles for global capitalism, entirely divorced from the interests of the nations in which they resided. Free-market capitalism is the perfect expression of the Zionist mentality and ideology. It gives Jewish global capitalists enormous power over the global economy, and over every State in the world. This would be impossible in the context of State capitalism – which would shut down predatory capitalism

and globalism, and return power to the State and to the people from the super rich global elite.

Free-market capitalism is about a few monopolistic “big power-hungry capitalists” (e.g. the Rothschilds), who use their financial muscles to bully and dictate to States. Their classic tactic is to provide big loans, with high rates of interest, at which point they are the effective rulers of the country, despite having stood for no election by the people. Free-market capitalism is how democracy, society and the State are completely bypassed and subverted, allowing the rich elite to rule in secret, behind closed doors, and with no accountability to the people.

Money must never be allowed to be an end in itself. It must always serve as an instrument of the economy. The State, not free markets or super rich global capitalists, must be in charge of the State’s economic destiny and health. Speculative “bubbles” and consequent disastrous crashes are *always* caused by predatory capitalism. These can be easily eliminated by eliminating rapacious free-market capitalism and globalism.

Predatory capitalism is the true “invisible hand” Adam Smith spoke about. It’s an “uncanny, invisible, mysterious” power that lends itself to conspiracy of the rich against the State and the people. It’s an invisible mechanism for bypassing elections and seizing political control. Who runs America? The people? You must be joking. America is entirely ruled by the unelected barons of Wall Street.

The game is simple. Money must be productive capital for industrial investment and production. It must never be about international commerce, finance capital and globalism, controlled by Zionists and WASP Freemasons.

The World Jewish Conspiracy

The Jews have an influence out of all proportion to their extremely small numbers. How did this come about?

The Jews have always sought a way to transcend the nation State, which has usually been hostile to them. Until the formation of the State of Israel in 1948, the Jews were a Stateless people (since their expulsion from Palestine by the Romans), always dependent on host nations, a dependence they deeply resented. They wanted a system that could allow them to rise above the State and give them the whip hand.

No political system could help them other than worldwide communism (where the nation State would wither away), and indeed Jews were highly

prominent in the formation of communism.

But rich Jews had already found a perfect solution. Why bother with politics at all? What stands *above* politics? The answer, of course, is money – *economics*. Free-market capitalism, supported by a privately owned banking system, allows those with economic power to dictate to those with political power. It allows unelected, unaccountable private individuals to be the effective rulers of all nation States and thus the whole world.

Globalism – bringing the whole world under a single economic system of free-market capitalism – allows the super rich to run the world regardless of politicians, elections and “democracy”. If a disproportionate of the super rich are Zionists then, via economic muscle, the Zionist can push a relentless pro-Jewish, pro-Israel, pro-Zionism agenda.

The most powerful private institution in the world is Goldman Sachs, an ultra Zionist organisation. Goldman Sachs employees, past and present, pop up in every country of the world, advising politicians on economic policy. The Jews control the International Monetary Fund, the World Bank, the Federal Reserve, all of its international counterparts and all ratings agencies. Moreover, they control Hollywood and huge chunks of the global media, allowing them to churn out relentless self-serving propaganda. That means they pull all the strings, all the levers, of the world economy, and with money comes power. That’s the oldest of formulae, of course. The Jews, in essence, bought the political process, and every politician with it, to serve their own interests. One can only admire their boldness and ingenuity, and at the same time have absolute for the politicians and democratic voters (the sheeple) who allowed it to happen.

Global Zionist capitalism – predatory, casino capitalism – is the biggest threat to democracy and the nation State there has ever been. Global capitalism must be destroyed by nation States, and the economy of every nation must be brought under direct State control via direct public control of the banking system, i.e. all private banks must be nationalized. Banks must serve the interests of national economies, not their own private interests, which are usually the direct opposite of those of the State.

Ayn Rand, the patron saint of anarcho-capitalist libertarians, who are all extremely pro-Zionist, was of course a Jew.

In Britain in 1939 an anti-Semitic group called the *Right Club* was

established. Their badge depicted an eagle killing a snake bearing the initials “P.J.” (standing for “Perish Judah”).

Throughout history, right wing groups were overwhelmingly anti-Semitic. Since the rise of extreme Jewish financial power in the USA, many right wing groups are now excessively pro-Zionist. Money, it seems, talks much louder than anything else.

Irrationalism

GM: “Music may be mathematical, but that is only part of what makes music magical, transcendent and I would argue that numbers/ mathematics is the intellect, the thinking or measuring or writing part of music. The creative element is not from mathematics, but from something much deeper ... non local intelligence which cannot be measured, seen, heard... we can break the human body down into a series of numbers but this is not a human body, it’s a mathematical definition of a human body...”

Yes, it’s a mathematical definition of a human body because that’s exactly what the body is – 100% mathematical. Irrationalists, sensualists and emotionalists simply can’t stomach, conceive or understand that the universe is mathematical, so they always make an appeal to “something much deeper”. These people will never accept *any* rational answer to the nature of existence. They don’t want answers. They want mystery. Answers spoil the “magic”. Of course, these people never explain what the “something much deeper” is. They don’t explain how it can be non-mathematical yet interact with mathematics. They literally just don’t get it at all. They rubbish our precise and indeed unarguable answer to what existence is and counter it with the meaningless mysticism and bullshit of “something much deeper”. These people simply don’t think at all.

We have always said that the vast majority of people will never come into contact with the truth. They will never understand existence. It’s simply beyond them. They’re too stupid for the task.

This is a *rational* universe. How could it not be? How could you have a coherent, organised *irrational* universe?

Such considerations simply fly by people such as “GM”. Rational thinking is not for these people. It’s beyond their capacities. They will remain locked forever into the obscurantism of “something much deeper”.

What could be deeper than zero and infinity? What could be deeper than

Euler's Formula and Fourier transforms? What could be deeper than mathematics, rationalism, logic and information?

Why do these people insist on exposing themselves to complete ridicule? They have no answers, yet spout out their tedious mysticism anyway. When will we be free of the hordes of irrationalists and all their woo woo, hokum and mumbo jumbo?

“There are three classes of intellects: one which comprehends by itself; another which appreciates what others comprehend; and a third which neither comprehends by itself nor by the showing of others; the first is the most excellent, the second is good, and the third is useless.” – Machiavelli

Sadly, most people belong to the third class. Their intelligence, such as it is, is useless.

In reply to GM's comment, KS said, “And yet there is no other language that can describe anything and everything in the universe with absolute, infinite precision...”

That's exactly correct, and we simply cannot stress enough how vital that word “precision” is. The world must be precise at the fundamental level or we would be living in blurry, unresolved chaos, where order, organisation, patterns and rationality were all impossible.

Materialism uses a scientific “camera” with a limited number of pixels and low “quantum” spacetime resolution; Illuminism uses a mathematical monadic camera with infinite precision (based on the perfect quantum frequency domain).

The Insights of Machiavelli

“If you only notice human proceedings, you may observe that all who attain great power and riches, make use of either force or fraud; and what they have acquired either by deceit or violence, in order to conceal the disgraceful methods of attainment, they endeavour to sanctify with the false title of honest gains. Those who either from imprudence or want of sagacity avoid doing so, are always overwhelmed with servitude and poverty; for faithful servants are always servants, and honest men are always poor; nor do any ever escape from servitude but the bold and faithless, or from poverty, but the rapacious and fraudulent. God and nature have thrown all human fortunes into the midst of mankind; and they are thus attainable rather by rapine than by industry, by wicked actions rather than by good. Hence it is that men feed upon each other, and those who cannot defend themselves must be worried.”
– Machiavelli

That’s our world in a nutshell.

“It is truly a marvellous thing to consider to what greatness Athens arrived in the space of one hundred years after she freed herself from the tyranny of Pisistratus; but, above all, it is even more marvellous to consider the greatness Rome reached when she freed herself from her kings. The reason is easy to understand, for it is the common good and not private gain that makes cities great. Yet, without a doubt, this common good is observed only in republics, for in them everything that promotes it is practised, and however much damage it does to this or that private individual, those who benefit from the said common good are so numerous that they are able to advance in spite of the inclination of the few citizens who are oppressed by it.” – Machiavelli

Tragically, our modern world is all about private gain.

“Anyone who studies present and ancient affairs will easily see how in all cities and all peoples there still exist, and have always existed, the same desires and passions. Thus, it is an easy matter for him who carefully examines past events to foresee future events in a republic and to apply the remedies employed by the ancients, or, if old remedies cannot be found, to devise new ones based upon the similarity of the events. But since these matters are neglected or not understood by those who read, or, if understood,

remain unknown to those who govern, the result is that the same problems always exist in every era.” – Machiavelli

History repeats itself!

“It was the verdict of ancient writers that men afflict themselves in evil and weary themselves in the good, and that the same effects result from both of these passions. For whenever men are not obliged to fight from necessity, they fight from ambition; which is so powerful in human breasts, that it never leaves them no matter to what rank they rise. The reason is that nature has so created men that they are able to desire everything but are not able to attain everything: so that the desire being always greater than the acquisition, there results discontent with the possession and little satisfaction to themselves from it. From this arises the changes in their fortunes; for as men desire, some to have more, some in fear of losing their acquisition, there ensues enmity and war, from which results the ruin of that province and the elevation of another.” – Machiavelli

Yes, that’s exactly our world.

“For war is made on a commonwealth for two reasons: to subjugate it, and for fear of being subjugated by it.” – Machiavelli

The Meritocratic State would no doubt be attacked by its enemies.

“As all those have shown who have discussed civil institutions, and as every history is full of examples, it is necessary to whoever arranges to found a Republic and establish laws in it, to presuppose that all men are bad and that they will use their malignity of mind every time they have the opportunity; and if such malignity is hidden for a time, it proceeds from the unknown reason that would not be known because the experience of the contrary had not been seen, but time, which is said to be the father of every truth, will cause it to be discovered.” – Machiavelli

This is exactly the thinking that should be applied to Wall Street and “free” markets. We should take it for granted that the worst possible abuses are taking place – which must be controlled by iron laws and exceptionally hard punishments of the super rich.

“It ought to be remembered that there is nothing more difficult to take in hand, more perilous to conduct, or more uncertain in its success, than to take

the lead in the introduction of a new order of things. Because the innovator has for enemies all those who have done well under the old conditions, and lukewarm defenders in those who may do well under the new. This coolness arises partly from fear of the opponents, who have the laws on their side, and partly from the incredulity of men, who do not readily believe in new things until they have had a long experience of them.” – Machiavelli

This is exactly our problem.

“The chief foundations of all states, new as well as old or composite, are good laws and good arms; and as there cannot be good laws where the state is not well armed, it follows that where they are well armed they have good laws.” – Machiavelli

Sadly, it’s always necessary to have an effective military.

“Among other evils which being unarmed brings you, it causes you to be despised.” – Machiavelli

The master-slave world is completely bewitched by military force.

“Many have imagined republics and principalities which have never been seen or known to exist in reality; for how we live is so far removed from how we ought to live, that he who abandons what is done for what ought to be done, will rather bring about his own ruin than his preservation.” – Machiavelli

Again, this is a great problem confronting our movement. How do you handle the vile world as it is to make it the utopia you know it can be?

“The first method for estimating the intelligence of a ruler is to look at the men he has around him.” – Machiavelli

So, what could be better than a meritocracy?

“There is no other way of guarding oneself against flattery than by letting men understand that they will not offend you by speaking the truth; but when everyone can tell you the truth, you lose their respect.” – Machiavelli

The great dilemma!

“Everyone sees what you appear to be, few really know what you are, and those few dare not oppose themselves to the opinion of the many, who have

the majesty of the state to defend them.” – Machiavelli

This is how charlatans stay in power.

“Men never do good unless necessity drives them to it; but when they are free to choose and can do just as they please, confusion and disorder become rampant.” – Machiavelli

This is why anarchy can never work.

“Upon this, one has to remark that men ought either to be well treated or crushed, because they can avenge themselves of lighter injuries, of more serious ones they cannot; therefore the injury that is to be done to a man ought to be of such a kind that one does not stand in fear of revenge.” – Machiavelli

If you’re going to strike, strike as hard as possible. You cannot permit any chance of retaliation.

“The Romans never allowed a trouble spot to remain simply to avoid going to war over it, because they knew that wars don’t just go away, they are only postponed to someone else’s advantage.” – Machiavelli

Deal with situations as soon as possible. Control the situation or it will control you. You can never avoid what has to be done.

“Hence it comes that all armed prophets have been victorious, and all unarmed prophets have been destroyed.” – Machiavelli

Force is the only thing people understand.

“Occasionally words must serve to veil the facts. But let this happen in such a way that no one become aware of it; or, if it should be noticed, excuses must be at hand to be produced immediately.” – Machiavelli

This is the mantra of all politicians!

“In judging policies we should consider the results that have been achieved through them rather than the means by which they have been executed.” – Machiavelli

The ends justify the means!

The Quantum Mystery

Quantum mechanics is the most successful theory in scientific history, and is science's most powerful tool, yet no one in the scientific community understands it. They live with it and use it, but they have no conception of what it actually means.

Like all of science, quantum mechanics is an amalgam of ad hoc hypotheses and sophisticated mathematics. Given that the status of mathematics within science is an enormous puzzle, the whole enterprise is an intellectual mess.

Scientists have become skilled at using quantum mechanical theory – they are excellent pragmatists and instrumentalists – but they have no philosophical understanding of what they are doing (and philosophy is generally held in contempt by scientists).

Without a precise mathematical, analytic basis, quantum mechanics will *never* make any sense.

What is the *mathematical* core of quantum mechanics? In fact, it's extraordinarily simple. Quantum mechanics is all about energy in a domain *outside* space and time (in the frequency domain) and what happens to it – how its behaviour changes – when it is represented *inside* space and time.

So, it's the mathematical account of how energy behaves in two different but related domains: the “inside space and time domain” versus the “outside space and time domain”.

Outside space and time, energy comes as eternal, immutable, Platonic frequencies. All energy is infinite in extent: it can never be depleted; it can never run down, run out or stop. There is no energy death or degradation of any kind. We are firmly in a Platonic domain of energetic perfection: perfect frequency *Forms*.

These Forms can be thought of as mental basis elements, and “thinking” is conducted by combining the basis elements in different ways (and infinite combinations are possible). To put it another way, all thinking is actually about mathematical codes – numbers, if you like – constructed from basis elements (core frequencies).

The frequency domain is purely mental and has no material “extension” whatsoever. It's all about the nature of dimensionless, unextended energy. This is the *primary* reality, which can exist regardless of anything else.

All energy is contained within elementary minds – monads – of infinite energy capacity, and which are all immortal. A monad is a dimensionless mathematical point. An infinite number can sit on top of one another. That is, you can have a single point comprised of infinite points. Existence in its most fundamental condition is precisely this: *one cosmic point*, with infinite nodes (points within the single point). We call it the Singularity (with a capital “S”). Each monad is itself a singularity (with a small “s”).

Something astounding takes place when you simply arrange the points, the singularities, in a grid array. The points do not move anywhere, of course since all that is required to form a grid is for each point to be given its own mathematical label (a unique set of coordinates). Just by labelling monads with coordinates, the *illusion* of an infinite grid is created and it’s *as if* they are all separated by distances ranging from the infinitesimal to the infinitely large.

As soon as you have a mathematical grid, you have introduced the mathematics of *extension* (distances between points), hence you have established the precondition for the *material* world.

The question immediately becomes this: how do eternal, immutable energy frequencies, locked inside monads, and locked inside a single cosmic point outside space and time, react to the presence of a grid of space and time (of extension), which they can enter thanks to the laws of mathematics?

Although the grid creates the circumstances for space and time to be experienced, it does not itself exist in space and time. It is made of monads, all of which are dimensionless points outside space and time. It’s their collective arrangement that provides the arena of space and time, without any individual monad actually being in space and time. That is, space, time and matter all manifest themselves within a *mental* arena and are products of mind. It’s the flow of energy across and through this arena that gives rise to material things.

How are energy waves outside space and time changed by entering space and time? What happens to them? What new behaviour manifests itself? In the frequency domain, only three items are needed to define a signal: frequency, amplitude and phase. These produce an eternal, immutable waveform. In the spacetime domain, things are rather different. Everything is temporal and mutable.

The two domains, although radically different, are also hardwired to each other. They function as a continuum, not as two immiscible domains. To

begin the analysis of how they relate to each other, it's important to understand the mathematical concept of proportionality (involving the contrast between those things that are directly proportional and those that are inversely proportional, and the relevant proportionality constant that applies).

What type of proportionality relationship exists between eternal frequencies and spacetime? The answer is an inversely proportional one. Therefore, there's a proportionality constant, and the relationship can be characterised by a hyperbolic curve. The hyperbola is in fact the archetypal representation of the mind-matter relationship. Only at zero and infinity does a hyperbola touch the axes. Zero and infinity are of course the defining numbers of the mental domain.

There has to be a precise relationship between the two domains in order to satisfy the strict energy conservation law of the universe. The relevant constant of proportionality is, of course, Planck's constant, which is as fundamental to ontological mathematics as pi.

We could define h in terms of "natural units", where natural units are those that have no reliance on any of the ad hoc units of science (seconds, for example, are an arbitrary human measure of time, not a cosmic unit of time). In natural units, h would be either 1 or a number such as pi with a fundamental significance of its own. In order to establish which, all of the fundamental, universal physical constants have to be determined within *one* analytic theory of everything (with none of science's ad hoc components).

Eternal energy in terms of frequency (unextended and outside space and time) is converted into extended packets (*quanta*) in space and time. Each quantum of energy will (hypothetically) endure indefinitely, although, of course, it can be combined with other quanta and it is ultimately destroyed by the expansion of space (which consumes everything in space and time and returns everything exclusively to the frequency domain).

It's essential to understand this process. *Eternal energy waves (outside space and time) – basis waves – are, when they enter the space and time domain, converted into energy quanta defined by the frequency, amplitude and phase of each waves that originated them.*

So, basis waves, outside space and time, become basis "particles" inside space and time. The concept of "particle" has to be defined with the utmost care. Reality is all about *movement*. In the dimensionless domain, a point moves mathematically – as an eternal frequency vibration (which we might conceive as a point going round an Euler circle forever) – but does not of

course move through space or time (since there isn't any in the dimensionless domain). In the spacetime environment, a point becomes an object, a thing, because it will register an impact in spacetime. It always moves as a *dimensional wave*, but it always arrives as a point particle.

Although physicists talk about wave-particle duality, the way they discuss this duality is more or less nonsense. They try to bring dimensionless waves and dimensional particles into a *single* domain (of space and time, hence of materialism) and explicitly deny the existence of a dimensionless frequency domain outside space and time (which would refute materialism and make idealism the primary reality).

The “duality” actually refers to *two different domains*, not to particles with dual nature within *one domain*. Dimensionless waves always exist in the frequency domain, and dimensional waves traced by dimensional particles in the spacetime domain. There are no dimensional particles outside space and time, and there are no dimensionless waves inside space and time. However, the dimensional particles and dimensionless waves are not somehow independent of each other and “free-floating”. They are absolutely bound by the most important mathematical technique of all: *Fourier mathematics*.

Every function in spacetime can be converted into a Fourier transform in the frequency domain, and vice versa via an inverse Fourier transform. The one enormous difference is that almost all of the frequencies in the frequency domain have too much energy to enter the spacetime domain. Only a very low energy band of waves can actually enter spacetime. This means that only the low-energy portion of a frequency domain function will be represented in spacetime. Our body is in spacetime, and our mind isn't. Our body can affect our mind and our mind can affect our body via Fourier mathematics (thus solving Descartes' mind-body problem), but our mind can call on an *infinite* frequency hinterland that is *never* exposed to the spacetime domain.

That, ultimately, is why we are free beings. Physical causality can have no effect on the high energy range of our mind. Only a tiny low energy band of our minds is in a causal relation with the physical world, and even that is a “feedback” causality, with mind influencing matter and matter influencing mind.

There are two basic concepts to keep in mind:

- 1) Dimensionless waves (outside space and time) traced by a dimensionless point.
- 2) Dimensional waves (inside space and time) traced by a dimensional point – a so-called particle. (It is defined as dimensional because its movements register in the spacetime environment and it is always linked to real or imaginary mass.)

In essence, all things move as waves: either dimensionless waves outside space and time or dimensional waves inside space and time. A *dimensionless* wave is defined by a pure, eternal, immutable frequency. It has *no* temporal or spatial characteristics since it does not move through space or time. To be more precise, anything that resembles spatial or temporal components *always* cancels to zero – as we see in the Euler unit circle. Therefore there is never any *resultant* temporal or spatial behaviour. It's the perfect cancellation of any such behaviour that defines dimensionless entities. That is, the dimensionless mode is about the *immediate* cancellation of any “extended” effects while the dimensional mode allows persistent extended effects (but which are perfectly balanced overall, i.e. they too cancel to zero).

A *dimensional* wave is in a manner of speaking inversely proportional to the dimensionless (frequency) wave and emphasizes the wave's *extended* period or wavelength (whether temporal or spatial). So, with dimensionless waves, we emphasize the frequency (non-extended) and with dimensional waves, we emphasize the period or wavelength (extended).

Fourier mathematics is all about converting dimensional waves into dimensionless waves, and vice versa. A very complex dimensional wave can always be broken down into simple basis dimensionless waves.

In a superposition of dimensionless waves, the waves always remain distinct. In a superposition of dimensional waves, the waves don't: they always blend into each other. A piano provides an analogy. Each piano note can be compared to a dimensionless wave, and the music the notes produce a collective dimensional wave. We can decompose the dimensional wave (the whole song) into its dimensionless basis waves (the piano keys).

Beethoven famously composed some of his best work while being stone deaf. In other words, you do not need physical waves in order to “hear” sound. Beethoven could dimensionlessly hear his symphonies.

A dimensionless mind can play a dimensionless piano dimensionlessly – and that’s what constitutes “thinking”. When the notes are played dimensionally, we get the material world (of extension; non-mind).

Existence consists of points moving in terms of dimensional or dimensionless waves. That’s it – that’s all that’s going on. That’s all you require for our incredible universe. In the dimensionless domain, all points move as perfect dimensionless waves. In the dimensional domain, points move as dimensional waves, but they have an additional property: they are “particles”. A particle is simply a point at which the mathematical information of a dimensional wave superposition is focused and at which the wavefunction “collapses”.

The universe is an immense hologram of dimensionless waves giving rise to dimensional waves that, through wavefunction collapse, are “localized” on a point by point basis to create what we observe as the material world (wavefunction collapse is immediately followed by wavefunction reformation then collapse then reformation, and so on forever). The whole thing is a vast, infinitely complex mathematical equation, but whose general features we can ascertain through Fourier mathematics. Dimensionless and dimensional waves are in a continual feedback loop.

There’s a critical difference between frequency (the number of cycles per second) and time period (the time taken to complete one cycle). A frequency is an eternal, unextended number while a time period is an “extended” number, calculated as the difference between two temporal points. For something to belong to the extended world, it must be defined as the distance between two points. For something to be unextended, it must be a “pure” number, and not defined as the distance between two other numbers. All space and time measurements belong to the domain of extension and are in a different category from those numbers which are not about the distance between points; these belong to the unextended frequency domain.

Confusion Over the Meaning of Frequency

Photons are always associated with a frequency, but is that definition right? Frequency is inversely linked to time, but photons don't experience time at all, so how can *temporal frequency* be relevant? In fact, it's a different type of frequency – *spatial frequency* (wavenumber) – that is relevant to photons. Temporal frequency actually applies to *chronons*, not *photons*, but science does not acknowledge the existence of chronons, imaginary space or imaginary numbers.

In Illuminism, temporal frequency is always associated with *imaginary numbers* and spatial frequency with *real numbers*.

Science needs to revamp *all* of its definitions. It needs to accommodate imaginary numbers, it needs to accept the existence of a frequency domain (involving real and imaginary frequencies) *outside* space and time and it needs to know the difference between Cartesian extension and non-extension.

It's time for a scientific revolution!

Temporal Waves versus Spatial Waves

There's no actual difference between temporal and spatial waves except that temporal waves apply to imaginary space and imaginary numbers rather than real space and real numbers. Distances in imaginary space are treated as passages in "time".

Whereas wavenumber is the spatial frequency of a real wave, frequency is the temporal (*imaginary spatial*) frequency of an imaginary wave.

In physics, since imaginary numbers are not acknowledged as real, immense confusion exists over the nature of waves. Often, "frequency" is applied to situations where "wavenumber" (spatial frequency) is the valid definition.

Physics has been unable to define time mathematically, i.e. it has never associated time with a mathematical category (specifically, imaginary numbers). Illuminism is based on existence being 100% mathematical, so every "physical" quantity is brought back to a precise, analytic mathematical definition. If this is *not* done – i.e. the unifying force of mathematics is not invoked – then the upshot is to remain permanently subject to ad hoc definitions.

How can science have any credibility if it does not, and cannot, state what time is? All that science does is give time a label and stick it into equations in

an arbitrary fashion and keep adjusting its treatment of time until it gets the right experimental answers, but at no stage is the nature of time ever actually explained, which is exactly why there are two rival theories of time: *tensed* and *tenseless*. Science has no means of refuting one or the other because it has no definition of what time is.

What Illuminism keeps emphasizing is that *movement*, not time, is the basis of change. Time is simply imaginary space and has a completely analogous set of properties to real space. Things in motion move through a container of real and imaginary space. *Space* (real and imaginary) is *static*. Things move through it: it does not move (unless we start considering the subtle issue of expanding space, and even then no actual movement of space is taking place when the full mathematics of expanding space are grasped).

PJ: “How do scientists account for the randomness of Darwin’s theory of evolution in the context of the tenseless view of time favoured by most of the scientific community?”

Well, they can’t. Evolution can’t in fact happen in the tenseless view of time since the only thing that apparently changes in the block universe theory is conscious perception, and that itself is never explained. Science sweeps all of these vast difficulties under the carpet, and hopes no one notices, and indeed most people don’t, especially scientists themselves. Scientists are those who always look at the world through rose-tinted scientific glasses.

What Time Is It?

What is time? Simple – it’s imaginary space, if we regard it as that which is measured by clocks. It’s just the same as “normal” space except rather than being defined by “real” numbers, it’s defined by “imaginary” numbers. Of course, “real” and “imaginary” are just unfortunate historical labels reflecting human ignorance; imaginary numbers are every bit as ontologically real as real numbers; neither type of number is privileged over the other.

Einstein’s greatest achievement was his proposal of *spacetime*. Sadly, he didn’t actually understand this concept. Space and time are not two different Newtonian absolute substances somehow blended together. There is only one thing – *space* – but it is defined with respect to two different types of numbers, orthogonal to each other: real and imaginary numbers. Time is just

another unfortunate historical label.

Spacetime should be renamed “complex space” since it’s completely defined by complex numbers rather than real numbers; this is the key to unlocking the mysteries of the physical universe. In Einstein’s spacetime, space and time are both defined by real numbers (since only real numbers are ontological as far as empiricist materialist scientists are concerned), although time can be treated functionally in terms of imaginary numbers. Genius though he was, Einstein wasn’t a *sufficient* genius. He failed to grasp what Leibniz *did* grasp at the end of his life: complex numbers are necessary for the description of physical reality. There is no sufficient reason to privilege real numbers over imaginary numbers. People do so because of their empiricist materialist sensory biases, not because there’s any rational reason for excluding imaginary numbers, or considering them ontologically unreal.

The critical difference between ontological mathematics and physics is that the former is based on complex numbers and the latter is based on real numbers. You will not understand Illuminism and our critique of scientific materialism unless you grasp this point.

Complex numbers render the universe 100% mathematical. A universe based on real numbers alone implies that the universe is not mathematical, but relies on some arbitrary and incomplete version of mathematics, for which no sufficient reason can be provided.

As soon as complex numbers are accepted ontologically, the empiricist materialist Meta Paradigm collapses. As soon as complex numbers are accepted as ontologically real, so are zero and infinity – the two numbers that define the soul!

Religiously, real numbers are associated with atheism and the denial of the immortal soul, and complex numbers with Illuminism and the immortal soul as the basis of existence itself!

So, your attitude to the question of complex numbers versus real numbers determines how you live your life and how you understand reality. Accordingly, it’s just about the most important question with which you will ever be confronted.

A scientific materialist uses imaginary numbers but denies their ontological reality simply because he cannot grasp what an imaginary number is in terms of the senses (just as he can’t grasp what a soul is within his sensory paradigm). Has any sensory person ever encountered time as a “thing”, a tangible entity? Can you see, hear, taste, smell or touch time? Yet

we know that time exists. So where is it? What is it? Why can't we detect it with our senses?

The answer couldn't be simpler. Our five senses are all devoted, in terms of a superficial understanding of them, to real numbers. We apparently don't have senses that can measure anything involving imaginary numbers. When we measure the passage of time, we use real-number clocks. Although physicists can't define what time is, they certainly believe they can measure it with clocks marked with real numbers. Of course, since real numbers aren't ontologically privileged over imaginary numbers, or vice versa, there's nothing to stop us from saying that time is based on real numbers and space on imaginary numbers. It doesn't matter: what matters are complex numbers that combine real and imaginary numbers. We could choose to label rulers or clocks with imaginary numbers if we wanted.

In fact, one second equates to 300,000 imaginary kilometres (just as 300,000 real kilometres is how far a photon travels in one second). We could mark clocks in terms of imaginary kilometres, if we wanted, but since no one actually encounters imaginary kilometres directly, this seems absurd. But nor, in fact, does anyone ever encounter a second. It's not something you can directly detect; it's something that passes unobserved in any sensory way. (That said, we do have all sorts of biological clocks programmed into us.)

If physics is radically wrong about the nature of time, how does physics work at all given that time is at the centre of almost all of physics? The answer is "re-labelling". Time – an imaginary quantity (an imaginary distance) – is simply labelled as a real quantity and measured in terms of real numbers (the passage of real-number seconds). At a superficial mathematical level, this re-labelling makes no difference and works every bit as well as the alternative, and is actually a mathematical simplification since it allows complex numbers to be treated purely in real-number terms. This is why physics can get by perfectly well in most circumstances with a bogus treatment of time. Newton, with his fallacious absolute time and absolute space, proved how easy it is for bogus concepts to work staggeringly well.

Consider these remarks from Wikipedia: "It was noted by Minkowski (1907) that his space-time formalism represents a 'four-dimensional non-Euclidean manifold', but in order to emphasize the formal similarity to the more familiar Euclidean geometry, Minkowski noted that the time coordinate could be treated as imaginary. This was just a way of representing a non-Euclidean metric while emphasizing the formal similarity to a Euclidean

metric. However, many subsequent writers have dispensed with the imaginary time coordinate, and simply written the metric in explicitly non-Euclidean form (i.e., with a negative signature), since it makes no difference to the content or results of the equations.”

Here we see that we can treat time in terms of imaginary numbers or as real numbers associated with a negative sign. In the relevant equation of special relativity, we actually deal with squared quantities. An imaginary number squared produces a negative number. However, we can arrive at exactly the same result by squaring a real number and then placing a negative number in front of it. In other words, the bare equation does not tell us if we are dealing with imaginary or real numbers. Our advocacy of imaginary numbers does not flow from physics considerations but from mathematical and metaphysical considerations.

Consider the Euler Formula. This is all about complex numbers. The Fourier transform is also all about complex numbers. Quantum mechanics is based on Fourier mathematics, hence on complex numbers, but requires a squaring operation and then the taking of an absolute value in order to ensure that only nice, manageable real numbers emerge at the end of the process.

The whole notion that quantum mechanics is associated with probability results from this process of trying to generate real numbers from it. If you abandon the need for real numbers then the complex quantum mechanical wavefunction is wholly ontological and has no connection at all with probabilities. It's an absolutely precise quantity.

Max Born won the Nobel Prize for his probabilistic interpretation of quantum mechanics. This hypothesis is 100% false and has destroyed a true understanding of quantum mechanics. Quantum mechanics has nothing to do with real-number probabilities; it's all about complex-number analytic precision. It's the wavefunction itself that is ontologically real – not the probability derived from the wavefunction by squaring it and taking the absolute value.

Physics continually attempts to retrieve real numbered quantities from complex mathematical equations. This procedure simply reflects the empiricist materialist Meta Paradigm of physicists. It's in no way required by the equations themselves and is in fact a grotesque distortion and unnecessary secondary processing of the true equations.

While ontological mathematics is all about complex numbers – which it can handle precisely and analytically – physics is all about real numbers,

which it can handle only probabilistically because it has to cheat to extract them from underlying complex equations.

Physics adds an unnecessary processing layer to complex equations. There's no sufficient reason for this. It's a procedure required by physics' Meta Paradigm, not by any necessary ontological considerations.

Physics, because of its all-out assault on complex numbers, is unable to make full use of the most powerful analytic equations of mathematics: the Euler Formula and the Fourier transform.

Science has gone very far despite its hostility to complex numbers. It's only now, when it's arriving at the fundamental questions that it has to answer correctly in order to bring about a Grand Unified Theory of Everything, that everything is going wrong for science.

More scientific effort has been expended on Grand Unified theories than anything else, and all to no avail. A paradigm shift is required and it couldn't be simpler: all that science has to do is abandon the cult of real numbers and embrace the ontology of complex numbers. Once the real-numbers empiricist materialist Meta Paradigm falls, science will at last be able to engage with life, the mind, consciousness, free will and the immortal soul! The stakes could not be higher.

The Block Universe

When you're stationary in real space, you can measure your progress through imaginary space with a clock, which uses the proxy of the humanly defined unit of seconds to measure the underlying proper quantity of imaginary distance. A clock is to time (imaginary space) as a ruler is to space (real space). It's simply a measuring instrument.

Time, considered as a form of space, lends itself to the Einsteinian "block universe" view of time where time is laid out all at once, just as space is (leaving aside the complication of expanding space). This is a *tenseless* view of time, i.e. everything that can exist already exists and indeed has *always* existed. Just as we travel to various destinations in space, so we can travel to various destinations in spacetime. The *set* future lies ahead of us – we just haven't reached it yet. However, since the future already exists, how can it be called the "future"? It has already happened, so why don't we refer to it as the "past"? This highlights the catastrophic tension between the tensed and tenseless views of time that haunts physics even now.

So, there are actually *two* types of time, corresponding to the tenseless and

tensed options. The type of time we measure with clocks is the exact analogue of the type of space we measure with rulers. Time, in this context, is just a special type of space (imaginary space) and you can move up and down, backwards and forwards and from side to side in it, just as in real space.

So, why do scientists speak of an “arrow of time”, a uni-directional notion of time in which time always goes strictly forward? This, in fact, refers to the second type of time: *tensed* time (as opposed to tenseless, “spacelike” time).

Tensed time is an ever-moving *now* that always has the future in front of it, and the past behind it. Once something is in the past, it’s gone permanently and nothing can ever go back to it. There’s no such thing as time travel. The reason why people imagine that time travel is possible is that they are thinking of time in terms of its tenseless, spacelike form. However, that kind of time is overridden by tensed time, which makes the past completely inaccessible (and indeed non-existent – there’s nothing there to go back to).

A clock actually measures two things:

- 1) The passage of imaginary distance (with seconds corresponding to imaginary distance). The moving hands of an analogue clock perform this function (or the moving numbers of a digital clock). This is all about tenseless, spacelike time.
- 2) Tense. The clock measures this via the uni-direction of the hands of the analogue clock or forward motion of the numbers of the digital clock. The moving hands of an analogue clock never spontaneously go into reverse and start moving anti-clockwise. Equally, digital numbers don’t start counting backwards. It’s this single direction of clock motion that defines tense (the true “arrow of time”).

The reason why time has proved so confusing is that no one in the mainstream has ever been able to prise apart the tense and tenseless views of time. To clarify what’s going on, we need to define a new concept: *motion* (movement). Here’s the new vision of reality:

The 6D universe involves an interlocked 3D imaginary space and a 3D real space. These two 3D domains are tenseless, hence consistent with a block universe.

All energy in the universe is in motion. Motion is the quintessence of energy; it’s actually what energy is. Energy can move through real space alone, imaginary space (time) alone or spacetime (space and time combined

in various proportions depending on what speeds you are travelling at through space and time).

It's this eternal motion that's the origin of tensed time (i.e. of past present and future).

Anything in motion can, in terms of tenseless space (whether real or imaginary space), travel backwards and forwards, up and down and from side to side. However, nothing in motion can ever return to its preceding state (e.g. the hands of a clock can't tick backwards to previous states). Motion is the true "arrow of time", or "arrow of motion", as we ought to say. Motion can't backtrack on itself. Unlike space, there's no "back" with regard to motion. There's no back to go back to because motion isn't a *place*, it's an *activity*. Tense is to do with *activity*, and tenselessness with *space*.

Traditionally, time has been considered a prerequisite for change, but tenseless time has no connection with change at all. It's activity (motion; energy) that concerns change and it's activity that defines tense. There are past activities, present activities, and activities about to happen. People mistakenly talk about going back in time as if it were an existent, reachable destination. No one would ever think of going back to an *activity*. Activities take place and then they're gone and can never be repeated.

Space, whether real or imaginary, provides definite *locations* with precise coordinates. Motion does not provide any coordinates because motion is *not* space. Motion is the action, the activity, the process performed by energy travelling through a spacetime framework. This action, activity, process, has no reverse gear and is not defined by coordinates. Motion in its simplest form is defined by the First Law of Motion: a body will travel *forever* at a constant speed in a straight line unless acted upon by a force. A force applied to make a body go backwards rather than forwards is *not* making that object go back in time. It's simply changing a forward motion through spacetime to a reverse motion through spacetime but the motion itself is *always* going forward, i.e. the direction in spacetime can be anything, but no matter what it is, the motion is always uni-directional: from past to future via the present.

It's possible to apply forces to make things change direction in spacetime and go backwards, but that's completely different from making something in motion go back in *tensed* time. No force can be applied to anything to reverse its progress through tensed time. You can easily reverse a tenseless (spatial) direction, but you can never reverse the order of tense. You can't make the past, present, future "direction" become future, present, past. That's

impossible.

Consider a simple thought experiment. Imagine that you travel back ten years in time. What does that actually mean? Does it mean that you have gone back to being *exactly* the same person you were ten years ago and everything you have done since this has been wiped out? That's the *logical* meaning of time travel and not only is it seen to be impossible, but no one would want to go back in time if this were the outcome. It would simply be an instance of eternal recurrence, i.e. you relive your past exactly as it happened. Moreover, in this scenario, you could not back in time any further than your current lifetime (unless you want to replay a previous life in a different body!).

When "time travel" is depicted in the movies or in novels, a person who exists *now* goes back in time but continues to be himself and continues to experience the succession of one "now" after another in the direction of *past, present and future* (with each *now* being consigned to the past as soon as it happens). That is, none of these people has experienced any process of going from "now" into any past "now" state. Going into the past as your present self – as someone whose consciousness continues to go forward in time and create new memories in a continuous sequence (ordered by past, present, future) – is obviously not about someone going back in time at all, and it's extraordinary that this fact has escaped everyone who has ever written about time travel.

What people are imagining is a weird and illogical scenario whereby their consciousness and age go *forward* in time (i.e. they get older instant by instant and form new memories instant by instant), but they are now located in the world of a previous time, where they might not even have existed.

Well, they can't truly have gone into the past if they themselves are continuing to seamlessly go forward in time consciously and agewise, exactly as before.

People are hopelessly confused when it comes to tenseless and tensed time, and continually use them interchangeably although they are the opposites of each other. What people actually mean by "time travel" is venturing *back* to a previous set of coordinates in a block universe (tenseless time) while going *forward* in tensed time. This is a contradiction in terms. It's a category error. The whole concept of time travel is a category error and reflects zero understanding of tense. tense can *never* go in the direction "future, present, past". We are always travelling into the future from the past

via the present.

There's no such thing as time travel with regard to tensed time. *The past doesn't exist*. There's nowhere to go to. Time travel, as a concept, applies only to tenseless time, which treats time in spatial terms. However, the existence of tense means that time travel is formally prohibited.

The reason why no one can go back to a previous set of coordinates in tenseless time is that this is overruled by tensed time which draws a permanent veil over the past. In tensed time, we only ever exist in the present instant, at the point of the arrow of motion. Everything behind that arrowhead is gone forever. Everything ahead of it is potential waiting to be actualised by "now".

Tensed time is *forward* motion. Motion can never be reversed into the past. It has only one direction. It's the true arrow of time.

Relative Nonsense

How do you define space and time coordinates in Einsteinian relativity theory given length contraction and time dilation, especially given the ability of any body in uniform motion to consider itself stationary, and everything else to be moving? There are no absolute coordinates. Therefore, how can Einsteinian relativity be consistent with the block universe which assumes that the whole of reality has already happened (hence has a fixed, absolute status). The two views are incompatible. There's a real and serious issue of why Einstein – who had no understanding of the difference between tensed and tenseless time – has been allowed to get away with talking drivel about time and yet is treated as some sort of authority on time.

Can anyone explain how the block universe can have any connection at all with the principle of relativity? If two observers in relative motion to each other can each consider themselves stationary, and that the other is undergoing time dilation and length contraction, then it automatically follows that each has an entirely different view of the block universe. How can you go back to any particular space and time coordinates when you have no absolute condition to refer to? One observer will go back to the space and time coordinates defined by him, and the other to the definition of the space and time coordinates by *him*. Both observers will never agree. In fact, there will be as many different conceptions of the block universe as there are observers. Therefore the whole concept dissolves into meaningless subjectivity. It's impossible to make any sense of the block universe from the

perspective of relativity, even though that's where the concept originated!

Einstein is asking us to accept an *absolute* block and then to acknowledge that every view of the block is *relative*. However, if you can only ever view the block relatively, and only ever experience it from your perspective (you can never place yourself in anyone else's shoes), then any reference to an absolute block is untestable, unverifiable and metaphysical, hence is not consistent with the empiricist materialist Meta Paradigm of science.

Why is it that scientists never think through the philosophical implications of their own views and Meta Paradigm?

Relativity

Einstein's Principle of Relativity derives from two considerations:

- 1) "All of the laws of physics are the same for every inertial observer."
- 2) "The speed of light is the *same* for all inertial observers, regardless of the motion of the source."

The only problem is that these two statements do not in fact demand a relativistic interpretation. Both statements can be true in the *absolute* framework provided by Euler's Formula.

Einstein concluded that "no physical experiment (mechanical, electromagnetic, optical – or any physical law whatsoever) can distinguish between a state of absolute rest and a state of constant velocity."

This is wholly false in an absolute system. At very low speeds – of the type we encounter in our lives, Einstein appears to be right, hence why he is taken seriously. But, of course, Newton was also "proved" right at low speeds, and yet Einstein refuted Newton. The real question is how can we ever know – from our perspective – if absolute or relative changes are taking place? Einstein never refuted Lorentz and Poincaré who used the Lorentz transformations at the heart of Einstein's special theory of relativity in an absolutist rather than relativistic sense. This alternative view simply faded away out of unpopularity with scientists, not because it was ever disproved.

Only *irreversible* conditions – such as those that happen in black hole formation – can experimentally distinguish between relativity and absolutism. Given that we do not have any technology powerful enough to create irreversible situations, the question must remain in the category of "experimentally unproven" for the time being. What's for sure is that no experiment that has ever been performed has proved Einstein right and the

absolutists wrong. Both theories rely on Lorentz transformations, hence give the same results. It's the interpretation of the Lorentz transformation and whether it ontologically needs a relativistic or absolutist framework that's at issue. This is a highly technical mathematical and metaphysical question, and was never tackled by Einstein or any other scientist.

Although the concept of "spacetime" is implied by Einstein's work it was mathematician Herman Minkowski who made the idea explicit and turboboosted Einstein's credibility. Minkowski famously said, "Henceforth, space by itself, and time by itself, are doomed to fade away into mere shadows, and only a kind of union of the two will preserve an independent reality."

The key point we always return to is that spacetime can be formulated in an *absolute* sense. There's no need at all for Einstein's relativistic approach. The issue relates to the ontological nature of the "ether". Einstein's theory relies on the non-existence of a physical ether. Illuminism relies on the ontology of a non-physical ether (a mathematical, point-based continuum and plenum).

Newton argued for a "universal" time. Einstein rejected this. For Newton, space and time were absolute. In Illuminism, it's spacetime that's absolute. It comprises real and imaginary numbers – producing complex numbers – and results from the fact that real numbers cannot be privileged over imaginary numbers, or vice versa. Real and imaginary numbers are inherently orthogonal to each other, and this determines the nature of spacetime and its specific mathematical properties. For Einstein, spacetime was not absolute (even though he believed in a fixed block universe – which seems to require absolutism as a precondition!), and the speed of light was the only absolute in his system.

Einstein said, "Reality is merely an illusion, albeit a very persistent one," and "People like us, who believe in physics, know that the distinction between past, present, and future is only a stubbornly persistent illusion."

These *prove* that Einstein had no grasp at all of tensed time, and did not believe in objective reality and a reality principle. It's crazy that Einstein is so revered. His stance amounts to a kind of madness. No one should ever delude themselves that science is making claims about reality. It definitely isn't. It's about models, subjective interpretations, simulations and simulacra.

The "History" of Spacetime

"In physics, spacetime is any mathematical model that combines space and

time into a single continuum. Spacetime is usually interpreted with space as existing in three dimensions and time playing the role of a fourth dimension that is of a different sort from the spatial dimensions. From a Euclidean space perspective, the universe has three dimensions of space and one of time. By combining space and time into a single manifold, physicists have significantly simplified a large number of physical theories, as well as described in a more uniform way the workings of the universe at both the supergalactic and subatomic levels.

....

“The first reference to spacetime as a mathematical concept was in 1754 by Jean le Rond d’Alembert in the article *Dimension* in *Encyclopaedia*. Another early venture was by Joseph Louis Lagrange in his *Theory of Analytic Functions* (1797, 1813). He said, ‘One may view mechanics as a geometry of four dimensions, and mechanical analysis as an extension of geometric analysis’.

“After discovering quaternions, William Rowan Hamilton commented, ‘Time is said to have only one dimension, and space to have three dimensions. ... The mathematical quaternion partakes of both these elements; in technical language it may be said to be ‘time plus space’, or ‘space plus time’: and in this sense it has, or at least involves a reference to, four dimensions. And how the One of Time, of Space the Three, Might in the Chain of Symbols girdled be.’ Hamilton’s biquaternions, which have algebraic properties sufficient to model spacetime and its symmetry, were in play for more than a half-century before formal relativity. For instance, William Kingdon Clifford noted their relevance.

“Another important antecedent to spacetime was the work of James Clerk Maxwell as he used partial differential equations to develop electrodynamics with the four parameters. Lorentz discovered some invariances of Maxwell’s equations late in the 19th century which were to become the basis of Einstein’s theory of special relativity. It has always been the case that time and space are measured using real numbers, and the suggestion that the dimensions of space and time are comparable could have been raised by the first people to have formalized physics, but ultimately, the contradictions between Maxwell’s laws and Galilean relativity had to come to a head with the realization of the import of finitude of the speed of light.

“While spacetime can be viewed as a consequence of Albert Einstein’s

1905 theory of special relativity, it was first explicitly proposed mathematically by one of his teachers, the mathematician Hermann Minkowski, in a 1908 essay building on and extending Einstein's work. His concept of Minkowski space is the earliest treatment of space and time as two aspects of a unified whole, the essence of special relativity. The idea of Minkowski space led to special relativity being viewed in a more geometrical way.

“However, the most important contribution of Minkowski's geometric viewpoint of spacetime turned out to be in Einstein's later development of general relativity, since the correct description of the effect of gravitation on space and time was found to be most easily visualized as a ‘warp’ or stretching in the geometrical fabric of space and time, in a smooth and continuous way that changed smoothly from point-to-point along the spacetime fabric.” – Wikipedia

The Finite and the Infinite

Consider the number 100. We could divide this into twenty sections of length “5”, twenty-five sections of length “4”, fifty sections of length “2”, one hundred sections of length “1”, etc. Now, these are all finite, dimensional divisions. But what happens when we divide 100 into dimensionless points (zeros)? Then we get infinity. Suddenly, infinity has intruded into the finite world. So, the ontological question is this: when you walk one hundred metres, are you making a journey across finite units (material “grains”) or across infinite units (mental monads)? Is matter superimposed over a mental continuum, or made of endless material grains (implying mysterious gaps – of what? – between them). How you answer this question determines whether you are a materialist or idealist, and whether you accept the existence of the soul!

Energy

Science is based on the related concepts of energy and mass. However, it’s unable to say exactly what energy and mass are. That is, there is no definitive, analytic, immutable, Platonic definition.

In Illuminism, energy is defined analytically and Platonically. The core of that definition is the Euler Formula: $e^{ix} = \cos x + i \sin x$.

Energy is analytic mathematics! Euler’s Formula constitutes an eternal information, energy system, in perpetual motion. It is forever tracing out cosine waves and associated, orthogonal imaginary sine waves. The whole of reality flows from the interaction of cosine and imaginary sine waves. This is the basis of the Fourier transform, which is the basis of quantum mechanics, which is the basis of science and the material world. It can all be traced back to Euler’s Formula!

Time Out

If you look at a diagram of the mathematical complex plane, you will see that it's easy to imagine trajectories that take an object moving in that plane from side to side and backwards and forwards (and in 3D, up and down). We often say that moving through imaginary space equates to travelling through *time*, yet the conventional understanding of time is that you can travel through it, or in it, in one direction only (the forward arrow of time). You can certainly move backwards in imaginary space, just as you can in real space, but you do *not* thereby move back in time (which is formally impossible). The reason for this is that true time – “motion time” – is about tense (the past, the present and future) and the thing that determines this is *motion*.

Consider the First Law of Motion which states that a body will continue in a straight line at a constant speed unless acted upon by a force. What this means is that, in the absence of any force, the natural behaviour of a body is to keep going *forward* and never go back. This, believe it or not, is the origin of the famous arrow of time. It's always heading forward (into the future) and it's always at a specific “place” that is neither past nor future. That is, it's “now”, the *present*.

Let's now apply a force that pushes a body backwards. Does it push it back in time, back to the past? No, of course it doesn't. All that it does is reverse the direction of travel, but the body is simply now going forward in time but in the *opposite direction* to the one it was following before – just as when you turn your car round and go back the way you came, you are not travelling back in time.

This is an exceptionally important point. It's *impossible* for any force to reverse an object's *forward* motion through time. Everything is always moving forward in time, no matter in what direction through space (real or imaginary) it's moving. That is, every object is always moving from past to future via the present, and that can *never* change.

There is no physical force that can alter tense.

We could recast the first law of motion as: All objects are in permanent motion and they are always travelling in the same way – from the past into the future via the present.

As they move, they convert “now” into the past, which is then gone forever. “Now” is what moving things always experience, and the future

always lies ahead of them and the past always behind them. It's impossible for now to "overtake" itself and reach the future, or undertake itself and reach the past. Why? Because every object always moves at precisely the same rate through real space, imaginary space or a fusion of both (so-called spacetime).

It's thanks to the fact that *everything* moves at the same constant speed that time exists at all. The whole universe exists in the *now*, with the future always lying ahead (but note that the future is always *non-existent*, hence you can't travel to it), and the past is always vanished forever (the past, like the future, is non-existent and can never be reached).

Aristotle argued that time might be said not to exist at all since it's composed of past and future, of which one no longer exists while the other does not yet exist, separated by a dimensionless *now*. All that actually exists temporally is this elusive *now*, the present. If you think about it, the only reason why we refer to the past is that we can remember it and the only reason we refer to the future is that we can anticipate it. Imagine a human being with no memory and no anticipation. What would past and future mean to such a person? He would have no idea what you were talking about. He'd live entirely in the present, and is that not essentially where all animals exist? Do animals ruminate over the past? Do they look forward to Christmas? No, they always live in the present moment, or, at best, they anticipate a "treat" about to arrive.

You might think you can travel back to the same place in space, but you never can. As Heraclitus said, you can never step into the same river twice (and Cratylus, one of his successors, insisted you couldn't even step into it once!). Everything is always changing. The space you go back to isn't identical to the space you left, so you're not going "back" to it. You're always going "forward" to it.

In truth, we shouldn't really talk about time at all but constant forward motion. This constant forward motion has different effects depending on whether it's taking place through real space, imaginary space, a fusion of the two (spacetime), or mental space (inner, dimensionless space). "Clock" time relates to motion through imaginary space and "ruler" space relates to motion through space.

Although we might think we can measure stationary things, it should always be borne in mind that everything is moving. The atoms of your measuring ruler or clock are themselves objects that are moving in spacetime.

Trolls

Troll Wars. The Troll Division.

The concept of the “Troll” is one of the most interesting of the 21st century. The internet has given a superb platform to these supremely negative, bitter people, allowing them to vent their spleen on the world and bully everyone who displeases their enormously exaggerated sense of their own self-importance. Most of them are suffering from serious mental conditions. A great number are on the autistic spectrum.

There’s a large overlap between computer hacking and trolling – both are fundamentally anti-social activities that show staggering lack of empathy for the victims.

Think of the amount of time you have to spend dealing with spam, viruses, identity theft attempts, scams, repairing your computer after it has been infected, running virus checkers, and so on. This is all caused by hackers. Don’t kid yourself that hackers are “cool”, “rebellious”, “heroic”, “noble outsiders”. There was a time when we fell for that narrative too, until we ourselves came under sustained attack from *Anonymous* and realized that these people were the scum of the earth: retarded and autistic. They had zero to contribute. Posting virus videos of gay sex on our blog causing our website to crash, was the extent of their “message”.

Have you ever seen any political or philosophical statement emanating from Anonymous? All you get is infantile posturing. The funniest conflict in history is that between the Church of Scientology and Anonymous – the great battle to see who can be more autistic!

There’s nothing cool about autism. Autism isn’t going to save the world. Autism is a “lack-of-empathy spectrum disorder”, and is extremely closely linked to psychopathy.

A *drone*: a soulless creature. Our world is full of drones. Consumers are drones, Abrahamists and Karmists are drones, Trolls are drones, hackers are drones.

Hackers

CS: “Smart ‘hackers’ are precisely the type of atheists that AC/AOI have

been calling for, but unable to find. These rationalists can be reached online. They just need to be targeted like any other demographic.”

“Smart hackers” are attracted by the idea of the universe being “computational”, i.e. they want existence to be an enormous computer full of algorithms – of which hackers will become the high priests and through which they will rule the world! That’s not our vision in any way. In fact, it’s just a computational version of scientific materialism.

Illuminism is about the universe being fundamentally alive – in fact, being nothing but life. The only reason why life seems machinelike is that life is mathematical and mathematics contains rigid rules and laws. However, that’s not the full story of mathematics. Mathematics also supports irrational, emotional *subjectivity*, and no machine could ever meaningfully emulate subjectivity. Therefore, hackers would not find much sustenance in this vision.

Hacking, as far we are concerned, typically appeals to the “machine mind”. There’s no question that many people on the autistic spectrum find the computational model of the universe much to their liking. It’s not one that enthuses us at all, and we are increasingly alarmed about the lack of empathy of autistics – since it places them on the same spectrum as psychopaths.

We don’t buy into the concept of the “noble” hacker. Frankly, we see hackers as people who simply like solving computational problems and have no concern about whether others are harmed by their actions. Julian Assange – judged by his own autobiography – has a very tenuous grasp of morality and is enormously more interested in bypassing security barriers, the harder the better. Some hackers may be far more proficient than others and take on harder challenges; that does not make them morally different from the more childish and destructive hackers.

CS: “Regarding hackers, the issue is that the word has been appropriated by the information security community (e.g. Assange) to the point where no one outside the original hacker community seems to even know about this appropriation. This original community is now basically without a name, as the only name they had (‘Hackers’) now fails to identify them to the outside world. It’s similar to the word Illuminati. The word Hacker originally had nothing to do with breaking into systems. It meant creating logical solutions to problems by ‘hacking away’ at the keyboard. These kinds of hackers only discuss breaking into systems when the break-ins are of a complexity that

makes them intellectually noteworthy – like the Stuxnet virus that was interesting for its technical brilliance but still judged as morally dubious to say the least.

“Books like Paul Graham’s *Hackers and Painters* are attempts to re-claim the word by describing the artistic, aesthetic nature of the classical hacker. The word in this sense has nothing to do with violating other people. Instead, it reflects an intersection between logic, intuition, art, and technology. These ‘True’ hackers would characterize gnostics as non-technological hackers because gnostics don’t take the sensory world at face value. Instead, they intuit the existence of deeper principles and dig to find them. As they discover these principles, the gnostic hacker puts them to use to create something new and amazing. Your attempt to start a meritocratic revolution is an attempt to hack society. First you discover the underlying principles of society. Then, you try to manipulate those principles to create the effect you desire. This intuitive and intellectual process is very familiar to the hacker. Anyone who is rational, creative, and curious will typically be considered an honorary Hacker even if they are computer illiterate.

“The type of hacking that enthuses me is right at the intersection of math and programming. It’s creative. Mathematicians like Gregory Chaitin will write their proofs in LISP, which is a computer language that implements the formal mathematical system called the lambda calculus. Your work constantly reminds me of his work. As a matter of fact, his work pretty much got me into the occult in the first place. After reading Chaitin (and a few related acts) I dropped my scientific materialism and went on a search for something better. 10 years later, after wading through many different things, I finally found you guys. The windowed creative monad and the hyperrationalist mathematical ontology is basically the answer I was looking for. It perfectly aligns with Chaitin’s conclusions on Gödel – conclusions he came to through mathematics done on the computer, written in the lambda calculus. There is a sizeable community of people like this that are inaccessible through any obvious channels. You’ve often written that you want to recruit atheists and mathematically inclined people despite the fact that mathematicians are ‘the most disappointing people in the world.’ The best of the ‘True’ hacker community are just atheist mathematicians who do their math on the keyboard rather than pen and paper.

“Here’s a quote from the mathematician/ hacker Gregory Chaitin, in describing his own work: ‘It’s about reasoning questioning itself, and its

limits and the role of creativity and intuition, and the sources of new ideas and of new knowledge.’

“A good example of a noble, socially conscious Hacker is Richard Stallman. He does not break into systems and has zero interest in this. He does not violate copyright law whatsoever. At first glance he appears autistic, but he’s very considerate, sympathetic, and squares his actions with rational morality to a degree that most would find impossible. Many “hackers” consider him one of the greatest hackers who has ever lived, and yet he never has, or ever would, do anything remotely unethical. He could easily have been one of these software millionaires like Bill Gates or thousands of others, but instead of going into business, he focused on the socially beneficial use of technology with a particular eye toward empowering the underprivileged. If it wasn’t for him, corporate gatekeepers would be even more powerful than they are today.

“It’s not just computer people who are hung up on a machine-like conception of the world. Even psychologists express faith in this paradigm through the information processing model of cognitive psychology. Every single intellectual community is infected with this.

“I could blame Hobbes and Spinoza and then dismiss the entire philosophy community, but that would be throwing the baby out with the bathwater. Hackers are philosophically ignorant, and just a little bit of education will go a long way for them. For a long time I was prejudiced against philosophy because my only contact was with people who seemed to be splitting hairs to no benefit (and Feynman was a confirmatory influence for this prejudice through his disparagement of philosophy that I read in high school as an aspiring physics major).

“Eventually I got in touch with the better philosophers and now I don’t hold the bad ones against the good ones.

“The difference between ‘True’ Hackers and all the rest is like the difference between Greek Philosophers and Greek Sophists. Cracker is to Hacker as Sophist is to Philosopher. The public is unable to distinguish between them, and the Sophists outnumber the Philosophers.”

So, what’s the score with the word “hacker”?

1) Hack: “to cut roughly, cut with chopping blows”.

2) Hack: “person hired to do routine work; hack writer”.

3) Hack: “illegally enter a computer system”.

In all cases, “hack” is associated with amateurism, lack of rigour and skill, doing things without any sophistication and artistry, and exhibiting a crude, stupid attitude of clumsy brute force. There’s no trace of elegance or talent.

Wikipedia says of the “benevolent” type of hacker – “A person who enjoys exploring the details of programmable systems and stretching their capabilities, as opposed to most users, who prefer to learn only the minimum necessary.”

This must be the worst name ever chosen since “hacker”, according to this obscure definition, is the opposite of a blundering, rough amateur! These people would actually be called “geeks”, “enthusiasts”, or even just “experts” in the common tongue!

Only the autistic mind – struggling to grasp what words actually mean – could choose the word “hacker” to describe someone who, as an expert who takes immense pride in his work and his *precision*, is the *inverse* of a hacker: a bodger who does whatever’s necessary to get the job done, with no regard to precision, aesthetics or elegance.

It’s not a question of the word “hacker” being *reclaimed*: it should never have been chosen in the first place since it makes no sense in terms of the concept it’s trying to communicate.

CS said that “hacking” originally meant “creating logical solutions to problems by ‘hacking away’ at the keyboard.” *What?!* That, on the face of it, describes someone who is using trial and error – rather than *a priori* logical theory requiring the *minimum* of keystrokes – as the means of finding a solution, hence is indeed a hacker in the *worst* sense of the word. In which case, there’s no difference between “good” and “bad” hackers, and the name is chosen correctly after all.

It’s shocking how an effort is being made to portray the word “hacking” – which everyone *correctly* understands as relating to amateurism, bodging, ignoring theory, deploying crude trial and error techniques – as something great and desirable.

A TED video featuring some privileged kid referred to “hacking” in the sense of “unconventional, playful, creative, enterprising, adventurous, experimental” and actively promoted it as something we all ought to be doing. It pushed the idea of hacking as the antidote to rigid, dull, slavish

“school learning”.

Well, why not simply refer to “freethinking” or even “radicalism”?

This attempt to promote “hacking” as something positive is bullshit. Hackers are autistic trolls obsessed with coding. They do everything extremely inelegantly, by brute force and trial and error. They can happily sit for days on end at their keyboards, trying any old nonsense.

“Hacking” is being deliberately misrepresented to allow scumbags such as Anonymous to pretend they are engaged in some worthwhile enterprise rather than infantile sabotage and pranks (for the *Lulz*!).

“Lulz: Often used to denote laughter at someone who is the victim of a prank, or a reason for performing an action. This variation is often used on the *Encyclopaedia Dramatica* wiki and 4chan image boards. According to a *New York Times* article about Internet trolling, ‘Lulz means the joy of disrupting another’s emotional equilibrium.’” – Wikipedia

What kind of person sets out to gratuitously disrupt someone else’s “emotional equilibrium”? Do we want these people in society? Do we hell.

Anonymous are enemies of free speech. They attempt to silence anyone with whom they disagree, anyone they dislike. Who made them the arbiters of what content should be allowed on the internet?

Anonymous, as a concept, is simply grotesque. It’s the cyber equivalent of the lynch mob. All it does is create online vandalism, hooliganism, anti-social conduct, graffiti and sabotage. It’s anarchy, and when have we ever had anything but contempt for anarchists of all stripes?

Imagine the world ruled by Anonymous. You might as well imagine hell, because that’s what it would be. It would be *worse* than the world we have now!

We have never once encountered a hacker or cracker who has done anything creative. These people are anti-meritocratic parasites suffering from, amongst other things, *narcissistic entitlement syndrome*. They are on the psychopathic spectrum. They do not believe that anyone has any right to prevent them from getting what they want. In other words, they don’t recognize that others have rights. The vast majority of online criminality is facilitated by gangster bosses hiring hackers and crackers who love coding viruses, stealing identities, defrauding people, phishing, conducting online espionage and

sabotage, wrecking sites, carrying out DoS attacks, and so on.

The criminal hacking group Anonymous has been around for several years. Can anyone remember a single, intellectual statement or contribution made by *anyone* associated with Anonymous? Anonymous is a computerized “social” club for autistics dreaming of a life of crime and imagining themselves as romantic “outsiders”.

It’s not gangster bosses who code viruses and create the software for spamming and phishing – all the things that all decent people on the internet despise. No, they pay teams of autistic criminal hackers for that, and these are exactly the same people who join *Anonymous*.

Life is about how you spend your time, how you *prioritize* your time. The most satisfied people on earth – and the rarest – are those who use their time *creatively*. How do hackers spend their time? – online, researching how to write viruses and working out how to beat online security systems and various protection systems that have had to be introduced precisely in order to thwart people like them (and at huge expense to all concerned – and all of that money could have been spent on something useful such as education). Is that what passes for a meaningful life these days?

Read Julian Assange’s autobiography. It’s the tale of an autistic who loves hacking and tries to excuse his mania for hacking by dressing it up as a moral crusade. People exactly like Assange are those trying to empty your online bank account 24/7. Assange is plainly suffering from Messiah Syndrome yet his only claim to fame is *Wikileaks* – which simply states the bleeding obvious (that the elite are corrupt liars and we should get rid of them).

Here’s our challenge to all DRM crackers. Instead of cracking other people’s books, why don’t you write your own books? Well, you can’t, can you? – because that would require precisely the quality you lack: *creativity*.

Stop hacking. Start trying to acquire creativity.

Would the world praise people who made it their business to work out every way to break into your home and steal everything you own? So why is hacking praised by so many misguided people?

There was a time when we believed that autism was a tragic condition but we’ve increasingly begun to view it as sinister. In America, the Batman shooter and the Sandy Hook mass murderer were both possibly suffering from Asperger’s Syndrome. Most online trolls suffer from Asperger’s. Asperger’s is conventionally regarded as the highest functioning form of autism. However, we have begun to suspect that the *psychopath* is the highest

functioning autistic. The same problem afflicts both autistics and psychopaths – an almost total lack of interest in the welfare of others. Psychopathy and autism are both *zero empathy* conditions. Who but a person with zero empathy could point a gun at an innocent six-year-old kid and blow their head clean off? ... and then keep doing it.

Anyone who thinks meritocracy is about hacking, cracking and stealing from people hasn't understood one word of meritocracy. Meritocracy is about rewarding those who deserve to be rewarded. It's about hard work, good ideas and creativity. If meritocracy ever became a vehicle for hacking, cracking, thieving, autistic psychopaths, we'd be the first to denounce it as a monstrosity.

Who are all the people who spend hours every day playing shoot 'em up video games? What does that say about them? There are more guns in America than people. What does that tell us about American culture? Who loves Ayn Rand's creed of "rational self-interest"? Who advocates anarcho-capitalist libertarianism? Who hates government, society and the State? Yes, multi-gun-owning Americans. Are Anonymous part of this self-same mindset and culture? They use computers as their guns, but they have real guns too.

Join the dots, folks.

The world is full of psychopaths who have absolute contempt for other people and regard them as *zeros*.

We once fell for the idea of the "heroic" hacker. Not anymore. When a Spanish-speaking cell of *Anonymous* came visiting our website and defaced it with pictures of anal sex, infantile pornographic slogans, and sabotage scripts that crashed the site, we realized the *truth* about these people.

They are an intellectual vacuum. They don't have *anything* constructive to contribute to the world. They are talentless, moronic nobodies, barely classifiable as human. When a group split off from *Anonymous* and called themselves LulzSec, the truth was revealed for all to see. These people were doing it for the *Lulz* – cruel and sadistic laughs. Not for a single philosophical idea; not for a single moral principle – just for comedy.

Who's laughing?

Tomorrow, we'll still be creating and they'll still be scum. Same as it ever was.

Psychopath Spectrum Disorder

The key to the human condition is “Theory of Mind”. In Hegelian terms, it might be said that theory of mind relates to the recognition of other self-consciousnesses, and the knowledge that they cannot be “negated”.

If you have a theory of mind, it means that you acknowledge that other people have their own distinct mental states and thus different thoughts, beliefs and desires regarding the world from your own. A most remarkable feature of theory of mind is that it’s independent of the facts of the real world, i.e. people can believe completely false things about reality. Billions of people are Abrahamists, yet Abrahamism is 100% false. Abrahamism has nothing to do with reality at all. It’s pure Mythos, a popular story about the world that doesn’t feature a single, accurate Logos fact about the world. Science, if it were free of Meta Paradigms, would be a pure Logos enterprise with no story elements whatsoever. (As it is, the materialist empiricist Meta Paradigm of science forces it to follow a particular, self-serving narrative about the nature of reality.)

Mythos is theory of mind that attempt to understand reality through stories that appeal to the emotions and desires. Logos is theory of mind that attempt to understand reality through reason, facts, logical argument, evidence, observation, experiments.

We can therefore say that humanity operates according to two radically different theories of mind, one emotion based and the other reason based. A Logos person literally cannot understand a Mythos person, and vice versa. Abrahamism is rationally absurd and no Logos person can comprehend how anyone could possibly believe such transparent nonsense, all of it manifestly false and factually and logically disproven.

But, equally, the Mythos Abrahamists cannot fathom how anyone could possible reject the infallible, incontestable word of Jehovah, Jesus or Allah. To them, holy scripture is self-evidently right and it’s perverse (and in fact “evil”) for infidels to deny the truths of divine revelation.

The Abrahamists have a profoundly emotional and existential relationship with their beliefs. Their entire identity is invested in it. A Logos person might accept quantum mechanics, but does not invest his identity in it, and would not be horrified if quantum mechanics was in due course replaced by a better theory. A Muslim, on the other hand, would literally be rendered suicidal and insane if he started to believe that the Koran was an absurd man-made

document, false and deceitful from beginning to end. He would realize that Mohammed was an absolute liar, that Allah didn't exist, that there was no Islamic paradise and that he himself had lived an utter lie, in total bad faith.

Well, emotional people don't want to reach such conclusions, so they don't. Logos people who never invested their identity in religious beliefs have no difficulty in standing back and calling religion absurd. Their identity is instead given over to being rational and trying to understand reality as it actually is, rather than believing a preposterous, irrational story. Just as Abrahamists are offended by infidels who refuse to believe what is manifestly "true", so Logos thinkers are offended by Abrahamists who refuse to use reason and see that their beliefs are manifestly false.

Mentally, these are two different human species, like *Homo Sapiens* and *Neanderthals*. The Mythos-Logos dialectic is one of the key drivers of human history. Abrahamism is all about humanity's ancient religious heritage, and those who subscribe to Abrahamism represent a very "old", primitive, poorly evolved type of human being. The glory of ancient Greece, the Renaissance and the Enlightenment were all Logos events and represented a new humanity, more highly evolved. Tragically, however, they have always been massively outnumbered by the "primitives", hence have never been able to take control of the world.

Meritocracy is about Logos thinkers assuming full control of a State and relegating Mythos to "playtime", i.e. the meritocratic State would get rid of all Mythos institutions except in the field of entertainment. All Mythos beliefs would be explicitly stated to have zero truth content, and none would be taught at school except in "cultural studies".

So, theory of mind – in its two forms (Mythos and Logos) – defines human beings. Most animals have no theory of mind whatsoever and only primates, our distant relatives, show any meaningful glimpses of it. (Arguably, dogs, through being imprisoned in human households with humans, have also evolved a primitive theory of mind: they want to "please" their human masters since they are entirely dependent on them for their survival.)

However, what about human beings with no theory of mind? Can such people actually be classed as human at all? They may be physically human, but they are not *mentally* human since they lack the defining quality of the human mind. Does a person without theory of mind even know that he

himself has a mind? Logically, he's an animal: he has a mind but he does not *know* that he has a mind. He is not self-conscious; he cannot reflect on his own condition. Just as he has no theory concerning other people's minds, he has no theory concerning his own.

A person without a theory of mind sees himself and others as special types of object that move by themselves. Such a person would be frightened of other people since they are objects that behave unpredictably and often threateningly (because he has no theory of mind, he cannot work out that these others are not threatening him at all, but actually trying to help him).

Autism is the classic condition of lack of theory of mind. Some estimates put the percentage of autistic human beings at 1%.

Extreme autistics cannot function at all in the world, and need constant care. They have no social skills and comprehension.

Higher-functioning autistics can develop coping tactics and strategies and can get by in society. However, since they are deficient in empathy – which is dependent on having a theory of mind – they are perceived as “odd” and “eccentric”.

Empathy comes in two flavours: positive and negative. If you have a theory of mind, you routinely attempt to work out what another person is thinking and feeling. Having decided what's in his mind, you can then react in a such a way as to help, harm or be neutral (indifferent) to him. Most of us are indifferent to each other. However, with those people we like, or have to get on with at work or socially, we practise positive empathy. With those people we don't like, we seek to avoid them.

There are certain people, though, who have theory of mind but no positive empathy, only negative empathy. These people do not avoid others. Instead, they see all others as “objects”, designed to serve them. In Hegelian terms, they think that all other people can be “negated”, and that they themselves are in fact the only true beings (the only authentic self-consciousnesses). In this sense, they are actually beyond the stage described by Hegel's master-slave dialectic. They belong to the “infinity-zero” dialectic, i.e. they have infinite worth (they are Gods), and others have zero worth (they are objects to be disposed of in any way that the God sees fit).

These “Gods” are what are known as *psychopaths*, and many of them are extremely successful. Wall Street is jammed with them. In fact, arguably, you couldn't work in Wall Street *unless* you were a psychopath. The leading free-market capitalists are psychopaths. Anarcho-capitalist libertarians are

psychopaths. Ayn Rand, with her creed of the “virtue of selfishness”, was a psychopath. Her infamous book *Atlas Shrugged* is the tale of capitalist psychopaths seizing complete control of America.

These “Gods” are experts in “negative” empathy. They work out what’s in others’ minds in order to manipulate, exploit and con them for their own self-serving agenda. They see their victims not as people but as objects.

Autistics have no theory of mind and see others (and themselves) as objects. They have no empathy, either positive or negative.

Psychopaths have a theory of mind but regard themselves as the only true beings, and all other people as objects. They have no positive empathy, only negative empathy.

We can refer to the “humanity spectrum”. A fully formed human being is someone with a strong theory of mind who uses it to engage in positive empathy as much as possible and uses negative empathy only when telling harmless “white lies”. A person who tells serious lies about another person is deliberately practising harmful negative empathy.

At the other end of the humanity spectrum from normal humans are severe autistics who do not have theory of mind hence are not human in the crucial mental sense. They also have zero empathy, and they cannot love or lie. As noted, they see themselves and others as objects. (In a sense, they are scientific materialists like Brian Cox and Richard Dawkins!)

At the high end of the autistic spectrum are those suffering from Asperger’s Syndrome. They have a theory of mind of sorts and can empathize to a degree, but continue to see the world mostly in objectified, machine terms.

The big question is whether psychopathy belongs to the autistic spectrum. Psychopaths have a very specialized theory of mind, one that effectively precludes positive empathy but encourages negative empathy. Negative empathy is all about treating others as means to an end (your own ends) rather than as ends in themselves. You treat others as objects with certain mental properties that allow you to better control and exploit them. You have no sense that these are people in their own right and that you should not be seeking to harm them.

So, psychopaths exhibit a restricted, instrumental theory of mind, excessive negative empathy but zero positive empathy, and they relentlessly objectify others. This, clearly, is a condition that exist on the autistic spectrum.

Psychopaths are the truly evil people of the world. What's even worse is that they effectively rule our world. They are enormously more callous, cruel, ruthless, heartless and merciless than normal people. They are willing to take enormous risks (usually with the lives, money or well-being of other people – precisely because they see them as objects rather than beings). A ruthless dog-eat-dog economic system such as free-market capitalism is perfect for psychopaths.

Psychopaths are those who call for capitalism to be as red-blooded as possible with no regulation at all, and no government interference of any kind (this is, of course, the mantra of Ayn Rand and her mad libertarian, psychopathic followers).

Abrahamism is also excessively psychopathic. It attributes zero value to all infidels, apostates and heretics and wants them dead. The Abrahamic God is the supreme, cosmic psychopath who sees all people as object that must worship him slavishly or be tortured forever in hell to gratify his lust for vengeance, hate, control and domination (the same emotions that drive serial killers).

Tragically, our world is defined by the psychopathic mentality. We *must* overthrow it. The psychopath is, it should be noted, a master of Mythos. A psychopath gets nowhere in the Logos world since he can't manipulate people's emotions. Science, philosophy and mathematics have almost no psychopaths associated with them. Money, banking, economics, capitalism, media, religion, celebrity and politics, on the other hand, generate them by the barrowload.

A Logos world cures the problem of the psychopath. It's the *final solution* regarding evil. Evil is extremely closely connected to emotion and Mythos. Remove them, and evil vanishes with them.

We really can eliminate evil from the world by eliminating the conditions that allow psychopaths to succeed: a world of excessive emotionalism and story-telling. We don't want to get rid of Mythos and emotionalism entirely, of course, since that would be an insane policy. No, the task is to construct an appropriate context for Mythos and emotionalism – a “play area” where we can explore our fantasies and desires. There would be nothing wrong with Abrahamism if it were a fantasy “game” that masochists played with sadists. It's when it claims to be true and to bear on reality that it becomes immensely dangerous.

Emotionalism and Mythos should play no part in the rational running of

the State.

Why does anyone think that hacking is a worthwhile activity? Does it improve the quality of life, get rid of wicked governments, transform consciousness, or bring us closer to the truth? Is it constructive, is it creative, does it ease people's lives, is it aesthetically appealing, is it art, is it beautiful, does it enrich the human condition, does it expand knowledge ... or is it all about autistic teenage nerds giving the world the one finger salute?

Hackers aren't cool. They're retarded and scarcely human. Anyone who thinks that hackers can change the world for the better is self-evidently on the autistic spectrum themselves.

How would hackers respond to what we have said here? Would they intellectually defend hacking, or would they seek to hack our website and post pictures of anal sex on it? No prizes for guessing what would most appeal to them. They are imbeciles, a disgrace to the human race, and active collaborators with criminal gangs.

Hacking = criminality = sabotage = destruction = psychopathy = trolling = lack of positive empathy = evil = selfishness. If we could eradicate every hacker and psychopath from the world, we would.

Wake up! Anonymous aren't heroes. They're fucking up the world for the *lulz*, and because it's the only way these 'tards can exercise any power in the world. Online criminal sabotage is the sole means these inadequates have to make anyone pay attention to them and take them seriously.

The Internet – Where the Nutters Come Out to Play

The Internet is an enormous database of knowledge and opinions. The best and most important thing on it is of course the Armageddon Conspiracy website, followed by Wikipedia.

But the internet has also given rise to the viral popularity of complete trivia, celebrity mania, spamming, phishing, identity theft, hacking, sabotage, computers viruses, criminal online theft and the extraordinary phenomenon of "trolling".

Centuries ago, trolling manifested itself as "poison pen" letters and was relatively rare. Now all the morons, autistics and psychopaths can have a field day tormenting others. What kind of person deliberately goes around trying to cause maximum distress and disruption to another person for the

lulz? How could any authentic, *healthy* lulz even be associated with this, except in the minds of psychopaths?

This world of ours is a scary place because it's full of insane beliefs fuelled by horrific Mythos religions, it's got more psychopaths than it knows what to do with and it has countless nutters, trolls, hackers, saboteurs, criminals, con men and people with next to zero positive empathy.

You simply need to look at the political, economic, religious and criminal history of the world and you will see a parade through time of all these undesirables. What is the cure? *Logos*. How many madmen have been mathematicians, philosophers, scientists, psychologists and academics? Culture and intelligence are the antidotes to psychopathy in all of its manifestations.

You can't bullshit a bullshitter, but you can baffle and disarm them with reason. Moses, Jesus Christ and Mohammed may have fooled the common herd of Mythos morons, but they don't fool any Logos thinkers.

The Gods: Good or Evil?

There are three types of divinities:

1) *Satanic*: Satan (the Abrahamic Creator God) is the perfect example of the supremely evil type, who wants everyone to worship him. He is the quintessence of selfishness, self-interest and narcissism. Satan is the *testosterone* God of absolute masculinity, power and dominance.

2) *Luciferian*: Lucifer (reviled by the evil Abrahamists) is the archetypally good type of deity: all about positive empathy, sympathy, compassion, love, light, enlightenment, tenderness, forgiveness, caring and altruism. Lucifer is the *oestrogen* and *oxytocin* Goddess of absolute femininity and cooperation.

3) *Abraxian*: Abraxas is the final and highest type of divinity, existing beyond good and evil, as absolute rationality. Abraxas is the God who alchemically transforms testosterone from its basic manifestation of primitive power into its highest manifestation of intellectual power. He has allied testosterone, oestrogen and oxytocin in their highest forms. He is the dialectical culmination and grand synthesis of all other dialectical strands. He is the *summum bonum*: the highest, greatest good, the sum of all perfections. In him, all of the contradictions of existence are finally resolved. He's the cosmic omega point, the point of ultimate existential convergence.

There's nothing wrong with people worshipping the Goddess Lucifer, the *eternal feminine*. There's *everything wrong* with people worshipping the God of Abrahamism, the *eternal masculine* lust for power and dominance. This is the essence of Satanism.

But the masculine Satanic elements can be *sublimated* through a lust for power and dominance over *knowledge* rather than over people and animals. The artistic and intellectual geniuses of world history have been the true gods amongst us, those who have conquered their primitive instincts and made them sublime and the sources of the highest creative endeavours.

Mythos people are those who are stuck at a low, primitive, narrative and emotional level of existence. The members of the Logos species are those who have sublimated the bestial parts of themselves. They have evolved beyond animalism and begun to explore the divine realm of reason rather than story.

You often hear political commentators referring to the "narrative" that

politicians are trying to get across to the electorate. When do you ever hear them talking about the rational policies politicians are seeking to implement? Have you heard *any* politician delivering a speech devoted to reason and ideas?

We must move beyond narrative and emotionalism. Politics and economics should be treated far more like mathematics, science and philosophy. We can't have a divine world until the Logos species is in charge rather than the Mythos species.

No one likes and manipulates Mythos better than Satan. Mythos is the ideal vehicle for spreading primitive, masculine values of power and dominance, the obsession for victory and glory. What is Homer's *Iliad* if not the archetypal celebration of male honour, respect, revenge, glory, power and triumph? It's all there – right from the beginning. Is not indestructible Achilles – the ultimate warrior – the archetypal masculine hero?

Not for nothing did Plato want to ban Homer. The poet's tales seduce people in the worst possible, anti-Logos ways. To this very day, free-market capitalism churns out inferior "Homeric" products – ersatz Achilles clones, violent video games, fast cars, endless action sequences, thrills, spills, explosions, invasions, the hero winning the beautiful girl. What is Hollywood if not endless retellings of Homer?

Have you seen even *one* Logos Hollywood movie? Logos is box-office poison. The Mythos masses aren't interested. Only a small intellectual elite inhabit the Logos world.

Mythos is the ultimate vehicle of Satanism because it promotes all of the things that empower Satanic attitudes. Free-market capitalism is a Satanic economic system because all of its products obey the Mythos tropes. Capitalism creates the *Society of the Spectacle* that dominates our world and makes everyone tune into Satanic, Mythos values.

Why is it so difficult to overcome Satanism? Because people *love* it. They can't get enough of it. They're *addicted*. It's their supreme drug of choice. *Unsublimated will to power* gives them their highest highs. They are permanently seduced by the Mythos constantly churned out by the Satanic system of control. Mammon – Satan's monetary incarnation – is worshipped by about 99% of humanity. Satanism is so powerfully ingrained in the human psyche that billions imagine that he is God and worship him as such. They will never listen to anyone pointing out that he's self-evidently *evil*.

They will read the Mythos Bible and think they are reading about God

rather than a psychopath. They are irredeemably brainwashed, conditioned and mind-controlled by Satanism, and not for one moment do they see the truth.

Only Logos is non-Satanic.

The Black Front

When Otto Strasser was expelled from the Nazi Party (NSDAP) in 1930, he established the Kampfgemeinschaft Revolutionärer Nationalsozialisten (“Combat League Of Revolutionary National Socialists”, or KGRNS), which became known as the *Black Front*.

Nazism was one of the strangest movements of all time since it was, on the one hand, ultra right-wing nationalist and Bolshevik-hating, and, on the other, explicitly referred to itself as “socialist” (i.e. left wing). As we have seen, it was vigorously left wing as regards predatory capitalism, but was willing to tolerate productive, investment capitalism that would enrich the whole nation (which would pass muster in left wing terms).

So, there was always a left wing/ right wing dichotomy in Nazism. However, as it matured, it became radically more right wing. The Black Front was the Nazi faction that preferred to go down the left wing route. Strasser considered Hitler a traitor to the original anti-capitalist emphasis of the NSDAP, and indeed Hitler increasingly got into bed with Aryan capitalists and the German corporate world.

The Black Front comprised former radical left-wing members of the Nazi Party who wanted to overthrow the Hitler faction. A newspaper – *The German Revolution* – was published, and the group adopted a crossed hammer and sword symbol (as opposed to the crossed hammer and sickle of the Soviet Union).

When Hitler and the Nazis came to power in 1933, Strasser was forced into exile. The left wing of the Nazi Party was wiped out in 1934 during the notorious *Night of the Long Knives*. Otto Strasser’s elder brother, Gregor, the acting leader of the faction, was one of those executed.

It has been suggested that the Nazis used left wing rhetoric in their formative years explicitly to recruit those working class activists who might otherwise have gone over to the communists. Commitments to nationalization and “communalization” were, in the end, never acted upon. All such ideas were

long forgotten by the time the party came to power, and Hitler was “embarrassed” when reminded of some of them.

Others have contended that the Nazis used the word “socialism” in the specific context of the “socialism of the master race”, i.e. it was inseparable from right wing nationalism and exceptionalism. It had nothing to do with left wing proletarian unity and solidarity against the exploitative ruling class; it wasn’t about the underprivileged, or overcoming oppression, or about justice and equal rights for all.

If all the elite billionaires in the world got together and agreed to pool their wealth and give each other exactly the same amount – while they ruled and oppressed the world – that wouldn’t be a left wing policy, would it? Much the same was true of Nazi socialism. The master race would be more or less equal, while, like feudal lords, they dominated and oppressed everyone else.

Why Does Light Travel Slower in Water than in a Vacuum?

In fact, light always travels at the same speed. However, in water, photons are absorbed by electrons, which jump to higher energy states. When the electrons fall back to their ground state, they release the photons once more. So, between these events, light travels at its normal speed. Its apparent slowing down results from the continual process of absorption and emission. This is captured by the refractive index which is defined as the speed of light in the vacuum divided by the speed of light in the medium.

A secondary question is why photons are released in the same direction when they are re-emitted? Why don’t they just scatter randomly? It’s because they are constrained by the law of the conservation of momentum, namely, motion in a particular direction must continue in that direction unless there’s an outside force to change it.

Symbols

Imagine if the Christian cross, the Islamic crescent and the Jewish menorah all vanished from the world (thank God!), and were replaced by rather different symbols:

1) Euler’s Formula: $e^{ix} = \cos x + i \sin x$

2) Euler's Identity $e^{i\pi} + 1 = 0$

3) "Know Thyself", the inscription over the Temple of Apollo at Delphi.

We would know we had left behind the Mythos world and entered a New World Order of Logos: a rational age, the Age of Reason. And would not the world instantly be better in every way? Imagine going into a church that had books of calculus on the altar rather than the silly old books about wandering, murderous, narcissistic Jews. Imagine seeing Euler's Identity in the corner shrine instead of a bearded man on a cross. Human consciousness itself would be revolutionized. All the old power structures would fall. Isn't it time for the ultimate change?

It doesn't take much to change the world, not really. Changing a few symbols and getting rid of a few thousand super rich people and some maniacal religious leaders is all that's needed.

There's Only One Light and You're Standing in Mine

Actor Alex Guinness said that fellow acting legend Larry Olivier routinely arranged for the lights to go up a notch when he came on stage and then go down again when he exited (as if he brought “light” with him in his own person, and it departed when he was no longer there). This was a classic trick of the trade to steal the limelight.

One actor said to another, “There’s only one light covering both of us in this scene, so get out of my light.”

Isn’t life all about people saying, “Move over, you’re in my light.” Everyone wants to be centre stage ... in the limelight. Everyone wants to be the centre of the action, to have everyone moving around them like planets orbiting the sun.

Women can steal the limelight simply by wearing a sexy dress. Once upon a time, actress Liz Hurley became an overnight sensation in the UK thanks to a sensational safety-pin dress that showed off her voluptuous figure to best advantage.

A joke says that if an alpha male’s ego were hit by lightning, it would be the lightning that would be hospitalised. What is the female equivalent of the alpha male? – the “princess”, the diva.

What must be done? We must steal the limelight of the elite, dynastic families. We must push them off the stage. They have peacocked around centre stage for far too long. We’re bored to tears with their self-glorifying monologues about how great they are.

The Starting Point

When a believer ponders any issue, he *starts* with his *conclusion* – his faith is right and justified. It’s then necessary to fit the “facts” to the pre-set conclusion.

When a rationalist ponders an issue, he starts with observations or arguments, forms a hypothesis and then tests it against the facts.

These are entirely different ways of thinking. In fact, they’re the opposite of each other.

A believer knows what he’s going to discover even before he’s done

anything – it will *definitely* conform with his existing beliefs, and definitely *won't* contradict anything he believes. The conclusion precedes the evidence. In the “court” of the believers, the verdict is always decided before the prisoner appears. The facts of the case will be whatever are required to justify the prepared verdict.

A rationalist is interested in understanding reality, so he continually adjusts his position as the facts, evidence and rational arguments dictate. His conclusion arises from what he discovers, not what he believes. In the “court” of the rationalists, the verdict is undecided before the prisoner appears. The facts of the case will determine the verdict.

The critical difference between believers and rationalists is that the former are absolutely closed minded and the latter absolutely open minded. A Jew is not permitted to read the Torah and find a single error in it, nor a Christian find an error in the Bible nor a Muslim an error in the Koran. Before picking up one of these texts, the believer already knows what conclusion must be drawn – the text is infallible, hence any claims made in the book, no matter how absurd and contrary to reason, to experience, facts, arguments, logic and rational argument, are necessarily correct: the pre-established conclusion demands it. This, of course, is the opposite of rationalism, and can never lead to any *true* knowledge of the world.

All Jews, Christians, and Muslims are functionally retarded. They have absolute contempt for reason and knowledge. They draw their conclusions in advance based on their beliefs, desires, wishes, fantasies, and delusions and not on the basis of any facts, evidence, reason, logic or rational arguments.

Anyone who proceeds from the conclusion to “knowledge” is deranged. You reach conclusions *after* you have studied the world, or pondered it according to the strictest rational arguments, not *before* you have done so.

Anyone who seriously argues that the Torah, Bible or Koran doesn't contain a single error is mentally ill. A better question is whether they contain a single true fact.

Bias

Confirmation Bias: the tendency to filter information to select what conforms to one's preferences, and to reject what does not.

Cognitive Bias: The tendency to acquire and process information by filtering it through one's likes and experiences, and to ignore what one does not like

or has not experienced.

The *believers* automatically reject anything that does not conform with their beliefs, and accept without question anything that seems to support them.

It's truly terrifying that our world is full of people relentlessly applying mental filters to get rid of what they don't want to hear while pandering to everything they desperately want to believe is true.

Confirmation and cognitive bias ensure that our world is supremely irrational. Most people live in absolute denial about the true nature of reality. Their "theory of mind" might as well be called their "theory of fantasy and delusion". Human beings haven't applied theory of mind just to their fellow human beings but also to trees, mountains, lakes, winds, rains, storms, thunder, lightning, the seasons, the sun, the planets, the stars, cartoon characters, their pet dogs, and so on. Above all, they have applied theory of mind to a being plucked from their ultimate fantasies – "God".

"God" is the supreme enabler of the most egregious confirmation bias. When the Jews were conquered, humiliated and enslaved by their vastly more powerful Babylonian enemy – an outcome that any rationalist would have predicted – the Jews, in their Captivity, reached an entirely different conclusion. They were defeated, they said, not because they came up against a superior force, but because they weren't *Jewish* enough and had let down their God by engaging in pagan polytheistic practices rather than adhering to strict monotheism.

In other words, the Jews ignored every conceivable fact of the situation and analyzed it wholly from the perspective of their Jewish beliefs. Given that the Creator of the Universe was on their side (via a binding Covenant), they could not conceivably have been beaten by the pagan Babylonians. Therefore, they must somehow have broken the Covenant, which had caused their God to abandon to them their fate. To restore the Covenant, they had to get rid of all the pagan elements that had displeased Jehovah. And thus fanatical and deranged Jewish monotheism was born, and it has infected the world with its evil madness ever since.

Note the defining character of Judaism: attribute, via the theory of mind, a consciousness to a non-existent being (the "Creator" of the universe). Then, via confirmation and cognitive bias, analyze every "fact" of the world from the perspective of what the Jewish God would think about it. This is the purest "magic thinking" and it bears no relationship to reality.

The Jews, with their endless mad Messiahs (including the man called

Jesus Christ), genuinely believed they could defeat the Roman Empire, one of the greatest and most brutal military machines of all time. Once again, they were utterly crushed, and this time irrevocably expelled from Palestine. They didn't return until 1948 – by kicking out the Palestinians.

If any Jews were rational they would reach the obvious conclusion: they are not the Chosen People, they have no “Promised Land”, there is no Jewish God, and every single belief they have cherished for thousands of years is 100% false.

The only special thing about the Jews is the sheer scale of their madness and refusal to face facts, and it was these ingredients that infected its two miscarriages: Christianity (Greek Judaism) and Islam (Arab Judaism).

Even today, Muslim terrorists yell *Allahu Akbar* when they fire an RPG, as if they expect Allah to personally direct the rocket to its target. If the rocket misses, it's not because their aim was poor but because they were defective Muslims, so Allah refused to help them.

Rationally, the only conclusion that Osama bin Laden could ever have reached when analyzing the power of the USA versus the power of the *entire* Islamic world was that America could exterminate the whole lot of them if it really wanted. Instead, like the insane Jewish Messiahs who believed they could beat the hyperpower of Rome (the America of its time), bin Laden thought that if he could carry out some spectacular symbolic attack on America and fill the whole Islamic world with courage and faith, Allah would grant them supreme victory over the Great Satan and all the infidels. Well, that turned out well, didn't it?!

All over the world, religious cranks and maniacs continue to think in this way that has no possible connection to reality. These people do not live in the real world. They live in a religious hyperreality, a complete fantasy world where conclusions, based on cherished beliefs, precede facts, evidence and reason. When Martin Luther, the first Protestant, declared, “Reason is the Devil's whore”, he crystallized all religious thinking down the ages. Religion *despises* reason. Reason gets in the way of confirmation and cognitive bias. You cannot *believe* if you wait for evidence, facts, rational arguments and theories to precede your conclusions based on what you want to be true.

Let no believer ever dare to claim to be rational.

Dialectical History

Humanity has tried just about everything: warlords, theocracies, slavery,

monarchy, feudalism, anarchy (on a small scale), free-market capitalism, democracy, plutocracy, matriarchy, patriarchy, oligarchy, socialism, communism, fascism, national socialism. None of it has worked. The only system left to try is rule by rational people! Given the human condition, it was always going to be the case that the last thing humanity would try would be the only thing likely to work – *meritocracy*.

Once meritocracy has bedded in, that will be the End of History. Why? Because there will never be any other system that can replace it. It's the dialectical end of the line, the political and economic omega point.

The Rosicrucian Manifestos

The Rosicrucian Movement was an Illuminati initiative. The Rosicrucians were introduced to the world in the early 17th century via two mysterious Manifestos, whose authors have never been publicly identified. The two documents – *Fama Fraternitatis* and the *Confessio Fraternitatis* (appearing in Kassel, Germany in 1614 and 1615 respectively) – described the esoteric order of the Brotherhood of the Rose Cross and called for a spiritual, social, political and cultural reformation.

The Rosicrucian Order remains shrouded in mystery to this day. Its very existence has been questioned, with some scholars describing the whole thing as a hoax, or as a metaphor or *ludibrium* (lampoon). Others have said that the Order was a cover and front for yet another secret society (and this is indeed correct, the “hidden” Order being the Ancient Order of the Illuminati).

The manifestos caused a tremendous furore in European intellectual circles and inflamed the public imagination. The central image of the Rose Cross was particularly potent and beguiling.

Lutheran theologian and mystic Johannes Valentinus Andreae is the prime suspect for the authorship of the manifestos and has been identified as the author of *The Chymical Wedding of Christian Rosenkreutz* (Strasbourg, 1616). Although it's typically designated as the third Rosicrucian manifesto, the *Chymical Wedding* has pronounced differences in style and subject matter, implying that it's either a copycat, or a second author working for the same secret society.

The hypothesis that just one person wrote the manifestos would not of course mean that this was the only person involved with their creation and message. If a secret society were carrying out this mission, would they establish a bureaucratic committee to exercise group authorship, or would they select a single talented member and outline to him the task they wanted him to complete?

It's extraordinary how many people assume that if a single author is identified then that automatically means that he was operating as a “lone gunman” rather than as the agent and front man for a group standing behind him. A corollary is that if single authorship is confirmed then the whole thing, according to this line of thinking, must be a hoax, devised by this one person as some sort of joke or provocation. This implies that for any work to be considered the authentic work of a secret society, numerous hands (indeed

as many as the number of members of the society) must be visible in its creation. Well, for one thing, secret societies are, by definition, secret, so it would be impossible to establish multiple authors (since they would all be anonymous), and, secondly, surely a secret project is best left in the hands of a single person or very small group if secrecy is to be most effectively maintained. Why do so many “underground” groups operate via a cell structure if not to ensure that if anyone is captured then the most damage they can do is to betray their small cell. No secret group would ever use many people to accomplish a task if that task could be performed by a small group or, preferably, one person.

The Rosicrucian manifestos revolved around the mysterious figure of Christian Rosenkreutz and were full of coded references to Hermeticism, Neoplatonism, Gnosticism and Alchemy, i.e. the same territory, tellingly, in which the Illuminati operated. It’s hotly debated whether Rosenkreutz really existed or was simply an allegorical figure. Was the name a pseudonym or the spiritual name of a real Initiate into the Mysteries? Was he an Illuminator, a Phoster? Is the depiction of his life – with its great quest for knowledge, taking him all over the world – actually an updating of that of the great Pythagoras?

Rosenkreutz is depicted as a man of extraordinary learning and esoteric understanding who returned from his sojourns to establish the Order of the Rose Cross (just as Pythagoras established the Illuminati). The order comprised free thinkers, radicals and meritocrats devoted to the wellbeing and improvement of humanity. The Brethren were said to travel the world, bringing healing and teaching, and met once a year at a secret location to account for how they had spent their time meritoriously.

Is the tale of the Pied Piper of Hamelin a coded reference to such a person turning up in a town, ridding it of the “rats of ignorance”, only for the authorities to seize back control, prompting the Piper to lead the open-minded young away from the older generation of closed minded fanatics?

The *Fama Fraternitatis* describes how the present Brothers of the Rose Cross have maintained the traditions of their great Founder and describes their discovery of Rosenkreutz’s hidden tomb, a place of fantastic spirituality and power. It consisted of a secret vault with seven sides and three levels, each filled with priceless treasures, miraculous objects (including the Holy Grail and Philosopher’s Stone?), ancient documents and parchments, books of unparalleled wisdom, learning and esoteric knowledge, and the highest

secrets of alchemy for turning base metal into gold. Is this a coded reference to the Illuminati's secret treasure store where the priceless artefacts of the Order – the greatest collection of the works of Higher Humanity, including the stupendous final papers of Leibniz – are preserved and protected with the greatest care and caution ever known?

In the centre of the vault, the body of Rosenkreutz himself was found, his body perfectly preserved despite the long passage of the years.

The *Confessio Fraternitatis* called for a 'general Reformation' (just as Adam Weishaupt later called for the overthrow or radical reformation of the ruling institutions) and the establishment of the invisible "Spiritus Sancti" – a community of the Spirit where the Rose Cross would flourish unseen and unmolested by the worldly powers.

Both manifestos invited the worthy to join this spiritual movement, but warned off those motivated by self-interest and a lust for personal riches and power. This has always been made clear by the Illuminati, and was equally said to the Freemasons, who gradually repudiated this demand and in fact became solely interested in using the society for personal advancement and securing the baubles of this world.

Accused of witchcraft, necromancy, black magic and Devil worship, the Rosicrucians were forced to pay lip service to Christian beliefs to deflect any persecution by the authorities. Of course, those being sought as new recruits would have to utterly repudiate Christianity (just as the Knights Templar did, despite being ostensibly the most faithful sons of Catholicism).

The manifestos generated a great wave of excitement in those seeking an escape and refuge from mainstream religion and the oppressive world of kings, nobles and dynastic family privilege. Occultists and the intelligentsia, including René Descartes, sought out the Rosicrucians, though precious few were chosen.

Johannes Valentinus Andreae announced that the whole thing was a "game" that had gone too far. Of course, this strategy is often employed by secret societies to sow confusion, throw undesirables off the trail, prevent investigation by police states, or protect the identity of an important person on the verge of being exposed.

Francis Bacon has been linked to the original manifestos. Interestingly, Bacon was also suspected of being Shakespeare (!). Shakespeare himself was thought by some to be a Rosicrucian, and to be writing coded political and esoteric plays on behalf of the secret society to advance its agenda. John Dee

was another prominent suspect.

It has been said that even if the Rosicrucians didn't truly exist before the appearance of the manifestos, they certainly existed in various guises afterwards, with an assortment of esoteric societies donning the mantle. Elias Ashmole and Robert Fludd referred to themselves as Rosicrucians and many of the Rosicrucian principles were adopted in the formation of the Freemasons (which can be seen as an extension of the Rosicrucian Order). The Golden Rose Cross features prominently in Freemasonry.

Commentators have said that the manifestos had an important influence on driving forward science, rationalism, anti-clericalism, anti-Christianity, anti-privilege, anti-nobility, new art and culture, new meritocratic political thinking, and fostering a new esoteric spirituality. (These, of course, are all aims of the Illuminati!)

Rosicrucian ideas inspired the Hermetic Order of the Golden Dawn and Aleister Crowley. The theosophical and anthroposophical movements took on board many Rosicrucian ideas.

The fascinating fact is that whether or not the Rosicrucians were ever a real society, they had real effects, and it's in this limbo, this liminal region, that the Illuminati have always operated. It's invaluable for a secret society's real existence to be shrouded in doubt and mystery. The modern Freemasons are a joke because they are a "secret society" that's all too visible hence barely secret at all. No genuine secret society would operate in the manner of the modern Masons. Their problem is that they *want* to be known because that's how they exert their influence.

Ludibrium

Ludibrium: from Latin *ludus*, meaning a plaything or a trivial game. *Ludibrium* has the sense of a playful game; being toyed with; a tease; something capricious; something to be scorned or derided; an object of fun; a farce; a lampoon; a dramatic allegory; a “Divine Comedy”.

When Johann Valentin Andreae disowned the Rosicrucians as his own hoax, he spoke of “the ludibrium of the fictitious Rosicrucian Fraternity”. Wikipedia says, “[In] his *Peregrini in Patria Errores* (1618), Andreae compares the world to an amphitheatre where no one is seen in their true light. This conception of the Rosicrucian world as theatre was popularized by the French Situationist Guy Debord in *Society of the Spectacle* (1967).”

As ever, a fundamental ambiguity is introduced via this way of thinking. Are the Rosicrucians a special kind of staged “play”; “theatre”; a “spectacle”; an “event”; a “facade”; a “folly”; a “situation”? As Shakespeare said, “All the world’s a stage, And all the men and women merely players.” Are the Rosicrucians in fact *hyperreal* – more real than real? Have fact and fiction become hopelessly interwoven?

All of the same things could be said about the Rosicrucians’ parent – the Illuminati – now the most hyperreal organisation in world history. The Illuminati have entered so far into the domain of myth and fantasy that they are regarded by some as shape-shifting, pan-dimensional alien lizards who zip themselves into human costumes and rule the world along with Zionist bankers and Freemason WASPs!

What of the “Armageddon Conspiracy”, the 21st century vehicle of the Illuminati? Does it inhabit this same twilight zone? Well, of course it does! We wouldn’t be doing our job if it didn’t.

The Situationist International has itself been called a *ludibrium*, as has the infamous “Priory of Sion”. The Armageddon Conspiracy has been more or less branded in the same way. However, there’s one aspect of the Armageddon Conspiracy website and the associated *God Series* of books that’s rarely mentioned. It’s that it contains a staggeringly advanced Grand Unified Theory of Existence based on ontological mathematics (Euler’s Formula, Fourier transforms and holography). This is a unique theory. Search as many websites and books as you like. You will not come across anything that resembles the theory described in the God Series. So, either one hoaxster

guy just made up this astounding theory on his own in the last year or two, or it reflects an authentic ancient theory that has been refined over millennia and to which may of humanity's greatest minds have contributed.

No other *ludibrium* has ever proposed a unique theory of ontology and epistemology. That makes it an entirely different ball game. It would be reasonably easy to think up something such as the *Priory of Sion*, but how can a “gamester”, a “hoaxster” think up a theory that supersedes scientific materialism and explains free will, the true nature of time, the mind-body problem, and so on? These are the greatest problems of philosophy and the idea that one person working on his own fathomed the answers to these intractable problems in the last twenty-four months somewhat stretches credulity.

“The *Priory of Sion* fascinates me, because it has all the appearances of being a real conspiracy, and yet if you look at the elements another way, it looks like a very complicated practical joke by a bunch of intellectual French aristocrats. And half of the time I believe it really is a practical joke by a bunch of intellectual French aristocrats. And then part of the time I think it is a real conspiracy.” – Robert Anton Wilson

So, if the Armageddon Conspiracy website and the *God Series* are hoaxes, who is, or are, the hoaxer/s. And if one person did it all on his own, doesn't that make him the smartest person *ever* since he's the first person to present a true Grand Unified Theory of Everything, embracing religion, politics, science, philosophy and psychology through a single system of ontological mathematics based on just one equation – Euler's Formula.

Corporate Illuminati?

Everyone has their own *schema* of what the Illuminati should be like. Early on, one person messaged us to say that the AC website was clearly a hoax because it was badly designed, ugly, cheap and produced by a commercial (cheap) software package. So, let's imagine that we had a slick, glossy website with a fantastic logo, and looked more corporate and flash than Coca Cola or Merrill Lynch. We would thereby have fuelled every conceivable stereotype about the Illuminati being full of bankers, CEOs and politicians, and being the hidden power being Wall Street and Washington DC. We chose

an extremely unglossy and simple website, with no sophisticated design elements and no whizzy features, precisely to show that we are about substance over style, not the other way around; to show that we don't revere the corporate notion of websites as vehicles of propaganda and prestige via their expensive look and feel.

The person messaging us had completely bought into the prevailing Mythos of what the Illuminati is rather than what it actually is.

Another person said that there were far too many typos on the AC site for his liking, hence it was obviously the product of one person. Well, here again, we have someone imposing his standards and schema on us. Sorry, but, shocking though it may seem to those who wail and gnash their teeth whenever they encounter a typo, the Illuminati don't spend a lot of time obsessing over typos. You have a choice in life: write or proof read. The people responsible for the AC site are writers, and we don't employ proof readers. Show us someone obsessed with typos and we'll show you someone who's never going to be a productive writer. If we gave a high priority to proof reading, we would release one book every two years rather than ten per year.

The Illuminati couldn't care less what the preconceptions and schemas are of those of who contemplate the Illuminati. The Illuminati Order is designed for its members, not for anyone else. At its most basic, it's a worldwide group of radical freethinkers who come together from time to time to take part in ancient Mythos rituals that expand the mind (and to take special, unique drugs that lead to heightened states of consciousness), and who also play hard in no-holds-barred *Sin for Salvation* ceremonies. The Order protects a treasure trove of ancient artefacts and documents and sees itself as a repository for the highest values and aspirations of the human race. The barbarians are at the gates, but the Illuminati endure.

Some members of the Illuminati are very rich; most are extremely poor. The rich ones fund the poor ones, but at a minimum wage level. Don't join the Illuminati if you're looking for earthly riches and glory. Like the Catholic Church, the Illuminati Order has *enormous* hypothetical wealth given its priceless treasures, but these are not realizable assets (they will never be sold), hence are worthless financially, just as they are for the Vatican.

The “Lone Gunman” Theory

Over the years, we have received eleven detailed messages purporting to identify the “real” author of the AC site. Some have even included pictures! One name has come up twice, and the rest are all different (which rather tells its own story!). The various theories exhibit blatant instances of schemas being applied, and confirmation bias.

The most ridiculous theory appeared on a conspiracy theory forum where “Mike Hockney” was “definitively” identified as the illegitimate, and deceased, son of Aleister Crowley!

“Mike Hockney” is usually identified as someone quite famous or linked to someone quite famous, but on a few occasions a complete unknown is suggested. In these case, the person named is always highly academically qualified and always from an elite university, which is rather interesting and revealing.

Another theory proposed that the Illuminati Order existed once upon a time, but not now, and one person had found their secret stash of documents and decided to “reactivate” the Illuminati.

So, let’s ponder the “lone gunman” theory that one hoaxster is behind the AC *project*. In five years, what has this hypothetical individual accomplished?

- 1) Four coded fiction novels (approximately half a million words).
- 2) Two websites (the meritocracy website with over 100,000 words, and the Armageddon Conspiracy with around two million words (including two books that were intended for it, and then published separately when the website was suspended due to the actions of “Alexander Romanov”).
- 3) Approaching 1.5 million words for the *God Series* of books, including two more books to come. (And note that *this* book is 200,000 words long and has appeared a mere seven weeks after *The Noosphere*, which was itself over 160,000 words long: how could one person write a book as long and complex as this one in under two months?)
- 4) Half a million unpublished words of a series to appear subsequent to the *God Series*.
- 5) Formatting for four novels for publication via “Lulu” and different

formatting for “Createspace”. Formatting for forty-six ebooks on “Smashwords”; different formatting for forty-six ebooks on “Lulu”; different formatting for 55 ebooks (so far) on Amazon.

6) Running, administering and writing all of the articles for the AOI Facebook page.

7) Responding to thousands of emails from thousands of people.

8) Inventing a brand new theory of existence (ontological mathematics) and fleshing out the theory on the hoof (i.e. making it up as he went along!).

9) Doing an enormous amount of research in an attempt to give credence to his theory.

10) Being so arrogant as to challenge Einstein’s theories, M-theory and the whole Meta Paradigm of the scientific establishment.

11) Knowing an enormous amount about psychology, sociology, politics, all religions, heresies, ancient history, medieval history and modern history, ancient philosophy, medieval philosophy and modern philosophy, mathematics, physics, chemistry, biology, New Age thinking, literature ... and so on.

12) While presumably having friendships, relationships, romances, family life and leading a reasonably normal life.

If this person has written around 4.5 million words in five years (more than Nietzsche did in his whole career, and with all due respect to Nietzsche, the *God Series* is much more complex than Nietzsche’s moral philosophy since it deals with the foundational questions of ontology, i.e. of existence itself) and invented a unique mathematical theory of existence that provides resolutions to the intractable mind-body problem, the problem of free will, the problem of the deep meaning of time, refutes Einstein’s famous theory of relativity and destroys the current interpretation of quantum mechanics (amongst countless other things) then, quite frankly, he must be one of the hardest working people of all time and right up there with the greatest geniuses of all time, perhaps even outstripping Leibniz, the greatest genius of them all.

Well, it’s a highly romantic thought, but is it remotely credible or plausible? The trouble that people have when they make these outrageous claims is that they are wholly ignorant of what it means to be a writer, and

how difficult it is to write consistently well over an enormous amount of words. If you asked a professional writer if one person had done all of this, they would laugh in your face. Many professional writers manage barely 100,000 words per two years (and consider how long it takes for Dan Brown to write his novels).

It's when people do not have the "writer's schema" in their mind (hence do not understand the process of writing), that they imagine it can be churned out by one person with no difficulty at all (almost as if it writes itself and does not require an actual person to slave over every word and do several rewrites).

Imagine the incredible difficulty of expertly criticising the most cherished theories of science, of expertly deconstructing the claims of all religions, of expertly analyzing the great philosophies of humanity and, to top it all, of presenting a brand new theory of existence involving staggeringly complex mathematical considerations, while presenting all of it in a reasonably palatable way for a general audience with little formal knowledge of advanced mathematics, science and philosophy.

Anyone who understood all of this would know that a lone gunman could *never* be responsible – unless he happened to be a world historic figure and unique individual in human history. What are the odds against that?

The AC website has a history. It has *evolved*. It can't be conflated into one continuous "grand narrative" with a single author. It plainly isn't.

The Facts of the Matter

One person began the Armageddon Conspiracy website and the associated Meritocracy website. The Illuminati Order was barely mentioned at all. The purpose of the AC website was to promote the coded novel of that name and to spread the meme of "plotting to kill the (Abrahamic) God". The purpose of the Meritocracy site was to start a meritocratic movement and political party. Both sites gained no traction and the first person left the project, being replaced by two members of the Illuminati, who began writing articles on the AC site (the Meritocracy site was put into deep freeze) about the Illuminati and how the Ancient Order of the Illuminati had been absurdly misrepresented by the agents of the Old World Order.

The fateful decision was then taken to use the AC site to describe the

formal basis of Illuminism, and three senior members of the Illuminati took over the project. This “phase change” is highly visible because the length and complexity of the articles suddenly increases to an incredible extent. These same three members are the authors of the *God Series*. One author writes about fifty percent of the material (so has the best claim to being “Mike Hockney”), with each of the others supplying around twenty-five percent.

Therefore, six different people are directly associated with the AC project. There’s no lone gunman making up this material as he goes along in some astounding act of solitary genius – sorry to disappoint all those romantics who believe that they have discovered the “truth”. The three main writers are presenting an ancient mathematical theory originated by Pythagoras that has been evolving ever since within the AOI.

The AOI is a real secret society, and Illuminism is a real, ancient theory. That might not be what some people want to hear, and may not be consistent with their schema or confirmation bias but, hey, that’s the way it goes.

From the beginning, the AC project had an “exit strategy”. If it becomes a subject of public controversy with the media prying into it, one person will come forward as “Mike Hockney”. He will deny being a member of the Illuminati, will deny that the Illuminati exists and will say that he made up the whole thing as a Situationist Spectacle to illustrate various philosophical and psychological points, which he will then enumerate. He will be highly convincing and people will indeed believe that he did it all on his own.

You may wonder why we are telling you this. Why are we openly revealing this strategy? The answer is of course that it doesn’t matter what we say. People will believe whatever they want to believe; they will believe whatever their schemas and confirmation biases tell them is right. Facts and truth don’t come into it. That has always been the problem with the human race: people are always drawn to life-enhancing lies and delusions.

So, yes, if you want to believe that “Mike Hockney” is one person then he is and he’s out there someone ready to step forward as an “outsider genius”, and you can nod your head and say, “You see, I told you so! I was right all along.”

Those who actually produced the AC project will never be identified. You can be certain of that. They are strictly anonymous. They don’t subscribe to personality cults. They don’t aspire to celebrity. They’re not seeking fame or

to be known in any way.

The AC site is deliberately constructed along the lines of a *ludibrium*. So were the Arthurian romances. So was Dante's *Divine Comedy*. So were many great and revolutionary works of history. Rationalists, when criticising the Catholic Church, or the Church's cosmology, had to invent fantastical "dialogues" where the protagonist expressed the author's opinion but in such a way that it could be dismissed as a harmless joke or absurd speculation on the author's part. This technique was even deployed by Galileo, but he rather botched the required fantastical tone and made it seem all too real.

When it comes to secret societies and coded secrets, the *ludibrium* is always the chosen format – and it always sucks in a certain kind of person, and they always find the false ladders and the trapdoors, exactly as they were meant to. It's extraordinary that some people imagine that this whole project *wasn't* "storyboarded" at the outset and believe, instead, that one person simply blundered into it and started inventing the entire content of the AC site and *God Series* as he went along: the 21st century *On the Road* for philosophers, so to speak. It's certainly true that the project evolved as it went along, and new people became involved, but that possibility was always factored in from the beginning and the template was designed to accommodate it.

To all the "Mike Hockney" hunters, the very best you could ever do is stumble upon the identity of the stooge, the patsy, the "actor", who agreed from the beginning to have the work attributed to him if it ever became necessary to deal with a media blitz, and to whose identity subtle and not-so-subtle clues were set up throughout the site. In these circumstances, this person would become famous and have a platform for his own ideas (and he is of course a very smart guy in his own right, and implicitly trusted by the Illuminati even though he's not a member).

Who Are You?

There are two types of people: those determined to find out who someone is and those determined to be someone. The two types are never the same. The latter couldn't care less about who someone else is. If you spend a huge amount of time trying to find out who someone else is, doesn't it mean that you don't know who *you* are?

The Hell Question

Imagine that by the end of this century, Christianity had collapsed; no one believed in Christ anymore. Would that mean that the whole of humanity was going to hell for rejecting the “Saviour”? Is that not an absurd idea? And what kind of “God” would send everyone to an eternal torture chamber, given that he himself created their souls and had perfect foresight of what they would do? That would mean that he manufactured souls deliberately in order to inflict infinite pain on them forever ... and that makes him a maniac, a psychopath, a Torture God, and the Devil incarnate!

If no one had ever heard of Mohammed, if there had been no Koran, would the whole of humanity be sentenced to hell by Allah? Wouldn't the world be an enormously better place if Mohammed had never lived and there wasn't a single Muslim in the world today? The Arabs got on perfectly well before Mohammed. It's not as though he was actually *needed*.

Imagine if the Torah had never been written, if no Jew had ever had the ludicrous idea of a monotheistic Creator. Wouldn't the world be immeasurably better?

Is there any way in which the world would *not* enjoy an immense leap forward in evolution and progress if all Abrahamists simply dropped dead? The one thing that presents the greatest obstruction to a divine human future is its enslaved human past – and Abrahamism in particular. Who will provide the *Final Solution* of the Abrahamist problem? Humanity will never prosper until the Abrahamist retards are no more.

The “Life On Other Planets” Question

If Jesus Christ is necessary for the salvation of souls then, if there's life on other planets, Jesus Christ must have died on the cross on those planets too ... and that of course instantly renders Christianity unbelievable and ludicrous since Christ is turned into a touring circus act, with his performance always ending with him on a cross, dying for the sins of others. The only reason why Jesus Christ *wouldn't* end up on a cross on another planet would be that the people of that planet never disobeyed God and never ate from the Tree of Knowledge. That makes them *slave* people, devoid of the capacity to grow in their own right.

These considerations imply that the Garden of Eden was created infinite times, as was the Tree of Knowledge, as was the Serpent. Let's say that fifty

percent of Adam and Eves ate the apple and fifty percent didn't. That means that fifty percent of planets require Jesus Christ to save them from hell, hence to die on the cosmic cross.

Isn't this simply insane? If you accept that Earth isn't the centre of Creation and that there are countless other planets with life on them then the "logic" of Christianity collapse. Are we to believe in countless Adams, countless Eves, countless Edens, countless Christs and countless crosses?

The story of Christianity makes sense *only* in a universe with one planet bearing life, exactly as was believed by the ancients and by most of humanity until geniuses such as the brilliant Illuminatus Giordano Bruno started talking about infinite planets and infinite life-forms. The discovery of life on other planets – which will definitely happen at some point – will *instantly* refute Christianity. It should be demanded of all Christians that they declare beforehand if they will accept that their religion is factually disproved if alien life is found. Or they must be compelled to explain what conceivable relevance Christ has to those aliens.

No thinking person could tolerate Christianity for a second. It's wholly predicated on a Creationist view of reality with a finite "Crystal Spheres" universe and the planet Earth at the stationary centre of that universe. Christianity was comprehensible until Copernicus and Galileo showed that the geocentric view was definitively false. The Catholic Church knew straight away that that a heliocentric cosmology meant the death of Catholicism (because it meant that the sun was more important than Earth, and that there were probably countless suns, hence countless planets), which was why the Catholic Church burned the Copernican enthusiast Giordano Bruno at the stake and subjected Galileo to the Inquisition, making him live out his life under house arrest.

Let's not kid ourselves. Abrahamism rationally died the instant that Earth was shown not to be the centre of Creation. It's an intellectual scandal that Abrahamism has not fallen. No one with Abrahamist views should be allowed to teach in schools or universities. These people are mad irrationalists who refuse to accept the irrefutable scientific and rational facts.

It's a disgrace when any highly qualified academic professes a belief in Christianity. Even if someone doesn't accept atheistic scientific materialism as the answer to everything (and the Illuminati certainly don't!), that doesn't mean that Jesus Christ then becomes plausible. Jesus Christ is a ridiculous God. The idea that "God" was executed on a cross by order of Pontius Pilate

is laughable. What conceivable function is served by the execution of “God”, especially since it’s an impossibility by definition, so can only ever be a sham and illusion, and therefore devoid of any significance and authenticity.

The fact is that Christianity is a slave religion for submissive masochists. These people understand all too well the notion of being oppressed or even killed by the powerful authorities, hence “Christ” expresses their core worldview. Moreover, they are sexually turned on by the idea of being tortured on a cross by sadistic masters. Above all, they don’t want to be dead at the end of it all, and Christ’s “resurrection” takes care of that. So, for a certain type of perverse, pathological psychology, Christianity is a wondrous religion that really hits the spot. To a rationalist, Christianity is ridiculous, laughable and more or less insane. Not one part of it makes the slightest bit of logical sense. There’s nothing more certain than that Christianity will die as soon as the majority of humanity is rational.

What’s true for Christianity is also true for Islam. If there are infinite worlds with infinite life-forms then infinite Mohammeds are required, infinite Korans and infinite Angel Gabriels to dictate it to each Mohammed (the Koran will therefore appear in infinite languages other than Arabic – so there’s nothing special at all about Arabic, despite the Arabs grandiosely claiming that it’s “God’s language”). Under the pressure of infinity and countless living planets, Islam too collapses into logical oblivion. Islam, as a Creationist religion like Christianity, relies on one life-bearing planet at the centre of God’s creation, and always on his mind.

The Koran says that God created only jinn (genies), humans and angels. That is refuted as soon as any new alien species is discovered.

And what is true for Christianity and Islam is even truer for their Abrahamic origin – *Judaism*. Are there countless Moses, countless Arks of the Covenant, countless Wailing Walls? Above all, are there countless “Chosen People”? But that, of course, is a logical contradiction. Imagine having a Chosen People on another planet who weren’t Jews. Even worse, imagine every alien species having a Jewish sub-group!

Abrahamism has been definitively refuted by astronomy and cosmology. Only mentally retarded people – those of subnormal intelligence – can be

Abrahamists in the 21st century. Abrahamists of thousands of years ago had the excuse of scientific ignorance. No Abrahamists today have that excuse and they are therefore *irredeemably stupid*.

Christianity = Retardianity!

Islam = Is-DUMB!

Judaism = Stupidism.

Monotheism and Creationism are the most idiotic ideas of all time, and have done more damage to the human psyche, human reason and human progress than anything else. They are pure Mythos and contain not one iota of Logos. Abrahamism has been logically and scientifically refuted in every way. It survives because of generational brainwashing, and the emotional hold it exerts over irrational, slavish, masochistic human beings.

The Compassionate NGO

The new Pope said, tellingly, “If we do not confess to Christ, what would we be? We would end up a compassionate NGO. What would happen would be like when children make sand castles and then it all falls down.”

This is perhaps the most insightful thing any Pope has ever said. In fact, what he warns of has already happened. The Catholic and Anglican Churches are indeed just compassionate NGOs (when they’re not molesting children, practising sexism and homophobia and obstructing enlightened policies regarding contraception, abortion and euthanasia), and that’s the only worthwhile role they could ever conceivably serve in the modern world. They might as well call themselves the “Love and Light” organisation and abandon Christianity entirely. They are not engaged in any kind of spiritual renewal.

Jesus Christ is totally irrelevant to the modern world. When people think of Christianity, they conjure a general, soft-focus concept of love, peace, compassion, and forgiveness – and any hippie is as qualified to be the centre of that as Jesus Christ (in fact much better suited since Christ was in reality a monstrous, evil, Satanic Archon).

“At the deathbed of Christianity. – Really unreflective people are now inwardly without Christianity, and the more moderate and reflective people of the intellectual middle class now possess only an adapted, that is to say marvellously simplified Christianity. A god who in his love arranges everything in a manner that in the end will be best for us; a god who gives to us and takes from us our virtue and our happiness, so that as a whole all is

meet and fit and there is no reason for us to take life sadly, let alone exclaim against it; in short, resignation and modest demands elevated to godhead – that is the best and most vital thing that still remains of Christianity. But one should notice that Christianity has thus crossed over into a gentle moralism: it is not so much ‘God, freedom and immortality’ that have remained, as benevolence and decency of disposition, and the belief that in the whole universe too benevolence and decency of disposition prevail: it is the *euthanasia* of Christianity.” – Nietzsche

Resurrection

Resurrection is about a living being returning to life after death. In conventional Christianity, the dead are instantly *spiritually* resurrected and then (bizarrely) are *bodily* resurrected at the Last Judgment. The Jews, according to some interpretations, and certainly after they had been strongly influenced by the Zoroastrian concept of *Frashokereti* (the final renovation of the universe when evil is destroyed, everything is made wonderful and excellent and brought into perfect unity with God), believed in a collective “Resurrection of the Dead” at the End of Days when the Jewish Messiah would reign over paradisaical Earth and the evil would be annihilated. The Christians, as the “new” Jews, had to factor this into their own system (despite its total illogicality in relation to spiritual resurrection).

According to Descartes, a soul always had to be conscious to exist (“I think therefore I am”), so if there were any gaps in thinking between death and resurrection, the soul would cease to exist (hence the same soul could not then be brought back to life since it had gone forever). Despite this, some resurrectionists believe in a “sleep of death”:

“You will realize that our loved ones who have preceded us in death, are not being tormented now in hell, nor are they in heaven either where they would be looking down upon the terrible scenes taking place on this earth. They are all sleeping the sleep of death until resurrection morning. The Bible calls death a sleep. Jesus said his friend Lazarus was asleep when he referred to Lazarus’ death. ‘Our friend Lazarus sleepeth.’ (John 11:11).” –

<http://www.preparingforeternity.com/dead.htm>

The idea of a soul that does nothing except await Judgment Day in a state of oblivion is extremely odd and quite disturbing. It makes a soul seem like a

car with a flat battery waiting for jumper cables (jump leads)!

Some Muslims are also inclined to the sleep of death:

“Human beings lie in the earth after death for an interval, waiting for the command of God to bring the dead back to life and to emerge from the graves. ... their emergence from their graves [will resemble] the swarming of locusts out of the ground.” – Ayatollah Musavi Lari

According to other Islamic scholars, the angels Nakir and Munkar interrogate a newly deceased soul and it then remains in its grave, in a state of bliss or torment, until Judgment Day (this is like the Catholic doctrine of the “particular judgment”).

Barzakh is the Arabic Word for “obstacle”, “hindrance”, “separation”, or “barrier” and *Al-Barzakh* is the great barrier between the physical and spiritual worlds. It’s there, in that intermediate, liminal state (with strong similarities to Catholic Limbo and Purgatory) that the soul resides after death and before resurrection on *Qiyamah* (Judgment Day). In another view, this is simply the grave itself, or resembles the Jewish *Sheol*.

Note how many elements Islam blatantly steals from Judaeo-Christianity. It’s a thieves’ religion! The Muslims are shameless plagiarists, and Allah simply the ersatz Jehovah for Arabs rather than Jews. If Arabs had any self-respect, they would abandon Islam instantly as a blatant rip off of Judaism. Don’t they have the intelligence and individuality to create their own religion, totally different from that of the Jews? The Arabs might as well be Jews give that the Koran is just the Torah for Arabs.

So, many resurrectionist theories place the soul in a state of minimal or zero mental activity until Judgment Day. You might as well be dead!

The concept of resurrection only makes sense with regard to Creationist religions. In the reincarnationist view, the soul never at any times goes to any kind of sleep. It’s permanently mentally active, and, when its attached body dies, it simply gets a new one, or becomes enlightened and breaks free from materialist spacetime altogether.

Lazarus Syndrome

Lazarus Syndrome: the return to life of the clinically dead.

The Islamic Apocalypse

“There is no doubt that one day the present order in the cosmos will undergo a tumultuous upheaval, and following a cataclysmic event, it will be brought to an abrupt end. Not only shall the earth be subjected to convulsion and turmoil, but the stars will also die and the galaxies will break up and fall silent; in other words, that universal explosion will devastate the heavens and the earth simultaneously, and the prevailing system and order in creation will be completely transformed, bringing an end to the life of the universe and its inhabitants and the annals of created beings. Indeed, this total annihilation of the cosmos, in which no single creation will be identifiable, is the inevitable future of our world. Then, graves will be upturned, and the earth, in obedience to the directive of its Lord, shall reveal the age-old contents and secrets that she had hidden in her bosom, and lighten her burden.” – Ayatollah Musavi Lari

The Islamic Paradise

“In Islam itself there are different views held by different sects or Muslim scholars. The general understanding tends to perceive the otherworldly form as very similar to the carnal one here on earth. The concept of heaven and hell consequently present a material image rather than a spiritual image of things to be. Heaven is presented, according to their concept, as an immeasurably large garden literally abounding in beautiful trees casting eternal shadows under which rivers will flow. The rivers would be of milk and honey. The garden will be fruit bearing and all man may desire of fruits would be his at his command. The meat would be that of birds of all sorts; it is only for one to wish which meat he particularly craves. Female companions of exceeding beauty and refinement would be provided to the pious men, with no limit imposed on the number, which will be decided according to their capacity. As many as they can cope with will be theirs. What would they do? How would they relate with each other? Will they bear children or lead a barren life of enjoyment? These are all the moot questions. The enjoyment, as it is conceived, is intensely sensual. No work to be performed, no labour to be wasted, no effort to be made. A perfect life (if such life can be called perfect) of complete and total indolence, with the option of overeating and over-drinking, because also wine will be flowing

close to the rivers of milk and honey. No fear of dyspepsia or intoxication! Reclining on heavenly cushions of silk and brocade, they will while their time away in eternal bliss – but what an eternal bliss!”

[http://wiki.answers.com/Q/What do Muslims believe about the soul](http://wiki.answers.com/Q/What_do_Muslims_believe_about_the_soul)

And you wonder why countless Muslims living in abject misery and poverty want to be martyrs? The biggest surprise of all is that *all* Muslims haven’t martyred themselves! Islam is pure operant conditioning, promising the biggest possible reward for behaving like good little dogs.

The Islamic religion is staggeringly *unspiritual* and *anti-spiritual*. It’s a wholly sensual, materialist, anti-intellectual vision. Muslims dream of a kind of celestial Las Vegas, a 24/7 party place. The only difference between free-market capitalists and Muslims is that the former say you can enjoy Vegas right now (for the right price), and the latter say you can enjoy it later, as long as you obey Mohammed and the Koran and get on your belly to grovel to Allah.

The Assassins

“Nothing is True, Everything is Permitted.” – Hassan-I-Sabbah

Islam has produced only one interesting person – *Hassan-I-Sabbah* (aka *Hasan bin Sabbah*), founder and first Grand Master of the *Assassins* – and he wasn’t anything like the submissive sheeple who characterize mainstream Islam. Rather, he was a Persian heretic, indeed a *heresiarch*. And that was the least of it. He could variously claim to be a scholar, theologian, businessman, entrepreneur, mystic, occultist, esotericist, murderer, ascetic, politician, radical and revolutionary. In due course, he announced that he was God incarnate! And why not ... Jesus Christ did! Hassan-I-Sabbah and the fledgling Knights Templar (Illuminists) had a vigorous exchange of esoteric knowledge at the end of the old man’s life.

Hassan-I-Sabbah’s extraordinary tale is steeped in sex, drugs, and murder, rendering him an almost mythological figure. Moreover, his secluded mountain fortress at Alamut (the Eagle’s Nest) in the mountains of northern Iran was the basis for the legend of the mysterious, spiritual Grail castle, and came to be known as the *Abode of Fortune*. Alamut contained a paradisaical secret garden (the legendary “Garden of Earthly Delights”) that was said to be a copy of the original Eden in Allah’s heavenly domain.

Hassan-I-Sabbah’s greatest claim to fame, or rather infamy, was through

his creation of the secret Order of *Hashshashin*, whose members would come to be known in history as the notorious *Assassins*.

The Assassins were said to be a fanatical Ismaili Muslim sect, but, in truth, they were Hassan-I-Sabbah's personal cult and they more or less worshipped him as God (like Colonel Kurtz in *Apocalypse Now* and Mister Kurtz in *Heart of Darkness*). He was the revered and awe inspiring "Old Man of the Mountain".

Although a heretical Muslim, Hassan-I-Sabbah might be said to be the "Godfather" of modern Islamic suicide bombers. To understand Hassan-I-Sabbah's modus operandi is to understand why in the present day legions of Muslims blow themselves up and slaughter countless others in the process.

Hassan-I-Sabbah devised the simple tactic of eliminating the opposition, and terrorizing everyone else, by effectively guaranteeing the death of any of his targets through not requiring the killer to come back alive, and training the killer to have zero expectation of surviving his mission.

Only a psychological genius can make someone abandon life on his behalf. Hassan-I-Sabbah's strategy was sublime. He trained young men until they were elite warriors and then he drugged them. When they woke up, they found themselves in a paradisial garden where they were treated to the most delicious food and wine, and allowed to have sex with the most comely of handmaidens. It was as if they had entered the Islamic heaven itself ... as if they were receiving a foretaste of the divine.

Hassan-I-Sabbah convinced them that they had in fact gone to heaven – thanks to his power – and that they could soon be there permanently. All they had to do was carry out the deadly mission to which he had assigned them. They were to do whatever it took to eliminate the target, and be martyred in the process. As martyrs, they would earn paradise there and then.

To calm their anxieties, they went into action after intoxicating themselves by eating hashish. Their main weapon was a dagger whose blade was dipped in poison. The slightest nick from it was invariably fatal. Hassan-I-Sabbah duly became the focus of political intrigue and covert political manoeuvrings ... and one of the most feared men on Earth.

In the modern day, Muslim clerics indoctrinate and radicalize angry young Muslim men and promise them that if they martyr themselves, they will instantly get to enjoy seventy-two voluptuous virgins and the most delicious of forbidden wine. It's exactly the same spell that Hassan-I-Sabbah wove, and is still every bit as effective. That's why thousands of Muslims have

become suicide bombers and deranged terrorists, exactly like their Assassin forebears.

Islam is a death cult, a murder cult, a suicide cult, a cult of “heroic martyrs”. All Muslims are itching to reach their heavenly Eden so that they can fuck and drink and gorge themselves like the disgusting beasts of the field they truly are (because who but brutes and materialists would have such an unspiritual conception of the afterlife?).

Islam is a supremely evil, violent religion, arguably the worst and most Satanic of all. Muslim nations are backward, their people are backward and their chosen weapon to combat the West is as crude as it gets: committing suicide by blowing themselves up without warning, and trying to take as many other people with them. It’s the tactic not of a human being but of an animal, a beast ... and its aim is to secure delicious food and fucking in the afterlife. What’s glorious about that? These Satanists might as well be free-market capitalists!

“Hassan-I-Sabbah . . . the only spiritual leader with anything to say in the Space Age.” – William S. Burroughs

The Brainwashing Garden

“Hassan Ben Sabbah conditioned and organized a band of fearless political killers such as had never been seen before. His method of indoctrination was unique. He constructed a secret garden and furnished it with all the delights promised in the Koran ... to the faithful when they reached paradise. The chosen were drugged, one or two at a time, and taken to this garden by night. When they woke up in the morning they were surrounded by beautiful and scantily clad *houris* [in Muslim belief, women who live with the blessed in paradise] who would minister to their every need and desire. After being allowed to savour this false — but pleasant and sensual — paradise for a day or so, they were again drugged before being taken back to awaken in their own squalid hovel or cave dwelling. To them, it was as if it had been a vivid dream. Ben Sabbah then sent for them, told them Allah had given them a preview of paradise, and surprised them by telling them exactly what each had been up to while in the secret garden. So successful was he in this method of conditioning and indoctrination that it was said he once astounded a visiting emir whom he wanted to impress with his power by sending for one of his men and ordering him to kill himself — which he immediately did.” –

The Three Types

The world consists of three types: conservatives, liberals and radicals. Conservatives are always right wing (and Satanic). They are zealots for the family, the individual, the flag, faith, tradition, the status quo, the established order, the establishment, the “old” ways of doing things. They are evil and an immense obstacle to human progress. They vote for the American Republican Party (and its equivalent in all other countries). They serve no useful function in the world. They are exceptionally intolerant, judgmental, close-minded and eager to punish and divide. They don’t like new things; they don’t like change (which they are always bemoaning, saying that everything is getting worse); they are tradition-directed. They have extremely low levels of positive empathy and sympathy. They are hostile to the State and support negative liberty, whereby the State stays out of people’s lives.

Liberals are always left wing (and Luciferian). They are zealots for community, for society, for helping each other, for justice, morality, equality, fairness. They are always seeking to reform the established institutions. They are well-meaning and “good”. They vote for the American Democratic Party (and its equivalent in all other countries). They are tolerant, non-judgmental and eager to understand others and their plight. They like novelty; they seek change (which they say will make things better); they are other-directed. They have extremely high levels of positive empathy and sympathy.

Radicals can be either left or right wing. Right wing radicals are fascists, Nazis, anarcho-capitalist libertarians, evangelicals, religious fundamentalists, free-market capitalists, Randoids, etc. ... these are the most Satanic people of all and have wrecked our world. They are supported by the conservatives.

Left wing radicals are Jacobins, Levellers, Diggers, Bolsheviks, the IRA, the Red Army Faction, the Baader-Meinhof gang, and so on. They seek the complete destruction of the existing established order and its wholesale replacement. Implicit in their vision is the end of all conservatives and right wing radicals. The French Revolutionary Jacobins, the Russian Revolutionary Bolsheviks, the Chinese Communists under Mao and the Cambodian Khmer Rouge under Pol Pot all had “Year Zero” mentalities where the “enemies of the people” would be eliminated and glorious birth given to a brand new society – a *New World Order* (only right wingers oppose a New World Order!). Right wingers regularly denounce these

movements as evil and insane. Left wing radicals are pro the “Big” State and support positive liberty whereby the State directly intervenes in people’s lives and tries to mould a new and better kind of human being (which involves an implicit critique of religion and God, which have failed to produce a high quality humanity).

The Illuminati are left wing radicals. They do not seek the reformation of society but its complete transformation. They do not want a single conservative or right wing radical to be present in the meritocratic, positive liberty city-States of the New World Order. The Satanic right wingers can rot in their ancient, decaying, abusive Old World Order systems.

Comic Relief?

In the UK, a day is given over to extremely wealthy comics raising money for charity via a televised appeal that goes on all day, in which they themselves play all the leading roles. Many of these people have been exposed as tax avoiders on an enormous scale, using elite accountants to hide their excessive wealth in offshore accounts and various dodgy “tax-efficient” schemes.

How come no one sees the irony of these disgusting tax cheats – those who do everything to avoid paying their rightful dues to society – leading a charity event? It’s sick and perverted.

It is, of course, the ultimate win-win scenario for these shameless, immoral monsters. They get a free platform to promote their personality cult, to raise their public profile, to win lucrative new commissions, to glad hand each other and engage in mutual back scratching and “communal masturbation”! They are also able to present themselves as lovely, caring, moral people doing their bit for the world (i.e. the exact opposite of their true selves, which are fully revealed when they are sitting opposite their accountants and lawyers in a locked office).

When will we be rid of these people, these nauseating hypocrites, and the fools who buy their wares? When will the whole charity sham and scam be terminated once and for all? The main supporters of “charity” are conservatives, and that immediately tells you how Satanic it is.

The Sex of the Soul

Some people say that the soul has no sex. While it's certainly true that the soul, as a dimensionless mathematical point, has no sexual organs, the soul, psychologically, identifies with maleness or femaleness. Over countless past lives, we have all been male and female, fathers and mothers, brothers and sisters. We all have given birth. We have impregnated and we have been impregnated. Bit by bit, we have acquired a preference for the male or female life. The more mature a soul becomes, the more it reincarnates in one sex only. It has chosen its cosmic preference for the male or female condition. Naturally, the final split is fifty-fifty.

Quite a number of people feel born into the wrong sex and then require a sex change operation, becoming “transgendered”. These individuals have developed a soul preference for one sex, but have been unable to control the reincarnation process properly and have ended up in a body of the opposite sex. They therefore feel “wrong” – not themselves – and deeply unhappy until they can identify with their true sexual orientation.

Players and Spectators

The world divides into players and spectators. Which are you? Do you make things happen or watch them happen? Are you active or passive?

The Suffering People

It's said that the Jesuits ask, “Where is Christ to be found?” Their answer is, “With the suffering people.” But if Christ is found with the suffering and not with the non-suffering, doesn't that make Christ the *cause* of suffering? Being an all-powerful God, he could end suffering at any time, so, the fact that he doesn't, must mean that he enjoys the suffering of these people!

Agent Smith

Dialogue from *The Matrix*:

Neo: “Are there other programs like you?”

The Oracle: “Oh, well, not like me. But... look, see those birds? At some point a program was written to govern them. A program was written to watch over the trees, and the wind, the sunrise, and sunset. There are programs

running all over the place. The ones doing their job, doing what they were meant to do, are invisible. You'd never even know they were here. But the other ones, well, we hear about them all the time."

Neo: "I've never heard of them."

The Oracle: "Oh, of course you have. Every time you've heard someone say they saw a ghost, or an angel. Every story you've ever heard about vampires, werewolves, or aliens, is the system assimilating some program that's doing something they're not supposed to be doing."

In *The Matrix*, the avatar of anyone connected, via the "battery" farms, to the simulated reality provided by the *Architect*, could be taken over by an Agent, and indeed they simply *became* the Agent. In fact, there was no need for the Agent to replace the other person's body with his own. This was necessary for the visual effect (to show the audience what was going on), but the logic of it is superfluous. An Agent simply needed to operate the avatar rather than replace it, just as video gamers can take control of a cast of characters in a game, and transfer "powers" to them, and so on. (In fact, the Agents would have been far more successful if they *didn't* replace the bodies of other people; how could the Morpheus crew have survived if they were unable to identify who were Agents and who weren't?)

Metaphorically, all people hooked into the status quo, into the establishment's vision of reality (the real Matrix) are remote controlled by the agents of the elite and are themselves agents of the elite. They are "taken over" by the ideology of the elite. All Muslims have in a sense been taken over by "Agent Mohammed", all Christians by "Agent Christ", all Jews by "Agent Moses" and all Buddhists by "Agent Buddha". Their bodies and consciousness are being controlled by dead people! Isn't that astounding?

Agents are like angels and demons, phosters and archons, controlling the world from behind the scenes: the *puppetmasters*.

When Jesus Christ "reincarnated" after his crucifixion, he didn't return as a newborn, but in the body of one of his most loyal disciples (which is why he was mistaken for a gardener by his wife, Mary Magdalene). This was like an Agent assuming control of someone else, but did not involve a body transformation, only a mental transfer.

In *The Matrix*, "possession" by Agents is more than just "demonic possession"; it's complete substitution – demonic *replacement*, so to speak.

The Free Lunch Universe

The Scientific Free Lunch Universe: the sum of the energy contained in the mass of the universe is equal to the sum of gravitational potential energy in the universe. Unfortunately, this does not take into account the infinite energy of the vacuum and is therefore a wholly bogus calculation.

We live in a permanently zero-energy universe. Zero, of course, is the ground state energy. It can *never* be exceeded in any way. In particular, no “borrowing” of energy can take place (to be paid back as soon as possible.) This would instantly violate energy conservation and the universal zero-energy ground state. This is just one of the many instances of quantum physicists talking arrant nonsense and woo woo.

Net Nothing

The universe is all about “net nothing”. Something can come from nothing as long as its net effect remains at zero.

The Expanding Universe

After the Big Bang, the size of the universe was determined by “good” infinity (“finite” infinity). The expansion of the universe corresponds to good infinity gradually being overwhelmed by “bad” infinity (“infinite” infinity). In the end, the bad infinite wipes out the good infinite and the material world, based on the good infinite, is obliterated (by ultimate idealism).

Gravity

Gravity is a phenomenon inside space and time *only*. It means *nothing* outside space and time. It applies only to the dimensional domain, not the dimensionless domain. Of course, science doesn’t acknowledge anything *outside* space and time; it doesn’t acknowledge dimensionless existence, hence it doesn’t understand gravity and can’t formulate a consistent theory of gravity.

The Control of Time and Space

If you are prepared to travel at inconvenient times or book well in advance, you can get good prices for train and plane tickets.

What is the difference between a rich and poor person? The rich person

never concerns himself with what time it is, or with making plans long in advance. He's in control of time. He's a "Time Lord" – he can do whatever he wants whenever he wants, and price is never an obstacle.

Control of time is one way in which the rich express their higher status. However, they are not only *Time* Lords, they are also *Space* Lords: they use their wealth to literally control space. So, they introduce, "classes" of accommodation. On trains and planes, you find exclusive first class compartments separated from second class compartments. The first class compartments are of course much more luxurious and much more expensive. The rich, therefore, control both space and time. They force the poor out of the best spaces and best times.

Why do the poor endure this? The poor vastly outnumber the rich. They could destroy the rich at any time and reclaim time and space for everyone. Why don't they?

The Global Apostasy

A white British woman who had converted to Islam described herself as a “revert”. When challenged about this peculiar word, she explained that Allah originally made *all souls Muslim*. Therefore, by this logic, anyone who follows a different religion is an *apostate*. Given that Islam demands the death penalty for apostasy, Islam has therefore declared war on the entire non-Islamic world. That’s a fact. *We are all at war with Islam*. It was a war that they started by claiming overlordship of the whole universe through their dictator deity, Allah.

Muslims are the uttermost deadly enemies of non-Muslims. They think they have the right to define us all as Islamic apostates. Well, we think they are mentally retarded. Muslims claim to be a people of peace. Who are they kidding? They are committed to eternal, cosmic jihad against everyone who disagrees with them!

The Machiavellian Sayings of Adolf Hitler

“Struggle is the father of all things. It is not by the principles of humanity that man lives or is able to preserve himself above the animal world, but solely by means of the most brutal struggle.” – Adolf Hitler

“If you win, you need not explain... If you lose, you should not be there to explain!” – Adolf Hitler

“What luck for rulers that men do not think.” – Adolf Hitler

“if you want to shine like sun first you have to burn like it.” – Adolf Hitler

“It is not truth that matters, but victory.” – Adolf Hitler

“By the skilful and sustained use of propaganda, one can make a people see even heaven as hell or an extremely wretched life as paradise.” – Adolf Hitler

“Anyone can deal with victory. Only the mighty can bear defeat.” – Adolf Hitler

“I do not see why man should not be as cruel as nature” – Adolf Hitler

“He alone, who owns the youth, gains the future.” – Adolf Hitler

“Demoralize the enemy from within by surprise, terror, sabotage,

assassination. This is the war of the future.” – Adolf Hitler

“The victor will never be asked if he told the truth.” – Adolf Hitler

“The art of reading consists in remembering the essentials and forgetting non essentials.” – Adolf Hitler

“The great strength of the totalitarian state is that it forces those who fear it to imitate it.” – Adolf Hitler

“The leader of genius must have the ability to make different opponents appear as if they belonged to one category. “ – Adolf Hitler

“Instruction in world history in the so-called high schools is even today in a very sorry condition. Few teachers understand that the study of history can never be to learn historical dates and events by heart and recite them by rote; that what matters is not whether the child knows exactly when this battle or that was fought, when a general was born, or even when a monarch (usually a very insignificant one) came into the crown of his forefathers. No, by the living God, this is very unimportant. To ‘learn’ history means to seek and find the forces which are the causes leading to those effects which we subsequently perceive as historical events.” – Adolf Hitler

“When people attempt to rebel against the iron logic of Nature, they come into conflict with the very same principles to which they owe their existence as human beings. Their actions against Nature must lead to their own downfall.” – Adolf Hitler

“Any philosophy, whether of a religious or political nature – and sometimes the dividing line is hard to determine – fights less for the negative destruction of the opposing ideology than for the positive promotion of its own. Hence its struggle is less defensive than offensive. It therefore has the advantage even in determining the goal, since this goal represents the victory of its own idea, while, conversely, it is hard to determine when the negative aim of the destruction of a hostile doctrine may be regarded as achieved and assured. For this reason alone, the philosophy’s offensive will be more systematic and also more powerful than the defensive against a philosophy, since here, too, as always, the attack and not the defence makes the decision. The fight against a spiritual power with methods of violence remains defensive, however, until the sword becomes the support, the herald and disseminator, of a new spiritual doctrine.” –Adolf Hitler

“While the Zionists try to make the rest of the World believe that the national consciousness of the Jew finds its satisfaction in the creation of a Palestinian state, the Jews again slyly dupe the dumb *Goyim*. It doesn’t even enter their heads to build up a Jewish state in Palestine for the purpose of living there; all they want is a central organisation for their international world swindler, endowed with its own sovereign rights and removed from the intervention of other states: a haven for convicted scoundrels and a university for budding crooks. It is a sign of their rising confidence and sense of security that at a time when one section is still playing the German, Frenchman, or Englishman, the other with open effrontery comes out as the Jewish race.” – Adolf Hitler

“No politician should ever let himself be photographed in a bathing suit.” – Adolf Hitler

“Stalin is one of the most extraordinary figures in world history. He began as a small clerk, and he has never stopped being a clerk. Stalin owes nothing to rhetoric. He governs from his office, thanks to a bureaucracy that obeys his every nod and gesture. It’s striking that Russian propaganda, in the criticisms it makes of us, always holds itself within certain limits. Stalin, that cunning Caucasian, is apparently quite ready to abandon European Russia, if he thinks that a failure to solve her problems would cause him to lose everything. Let nobody think Stalin might reconquer Europe from the Urals! It is as if I were installed in Slovakia, and could set out from there to reconquer the Reich. This is the catastrophe that will cause the loss of the Soviet Empire.” – Adolf Hitler

“Why nationalize industry when you can nationalize the people?” – Adolf Hitler

“We are Socialists, we are enemies of the capitalistic economic system for the exploitation of the economically weak, with its unfair salaries, with its unseemly evaluation of a human being according to wealth and property instead of responsibility and performance and we are all determined to destroy this system under all conditions.” – Adolf Hitler

“Society’s needs come before the individual’s needs.” – Adolf Hitler

“National Socialism is what Marxism might have been if it could have broken its absurd and artificial ties with the democratic order.” – Adolf Hitler

“Basically National Socialism and Marxism are the same.” – Adolf Hitler

“Sparta must be regarded as the first völkisch state. The exposure of the sick, weak, deformed children, in short, their destruction, was more decent and in truth a thousand times more humane than the wretched insanity of our day which preserves the most pathological subject.” – Adolf Hitler

“All great movements are popular movements. They are the volcanic eruptions of human passions and emotions, stirred into activity by the ruthless Goddess of Distress or by the torch of the spoken word cast into the midst of the people.” – Adolf Hitler

“For it is not you, gentlemen, who pass judgment on us. That judgment is spoken by the eternal court of history ... Pronounce us guilty a thousand times over: the goddess of the eternal court of history will smile and tear to pieces the State Prosecutor’s submissions and the court’s verdict; for she acquits us.” – Adolf Hitler

All dictators, tyrants, prophets, “masters of the universe”, con men and psychopaths have a superb grasp of primitive psychology, of the most basic buttons to press to get the masses to do what they want them to do.

The three greatest texts of brutal psychological control of the common herd are the Torah, the New Testament and the Koran. These books reduce humans to sheeple in need of a shepherd (whose “clothes” usually disguise a wolf).

Divine DNA

So, if Jesus Christ's DNA were analyzed, would half of it come from Mary and the other half be humanly untraceable (since it comes from the "Holy Spirit")? If so, how do human and divine DNA interact?

Or would Jesus' DNA not be DNA at all, but some divine code that *simulated* the human condition?

Theologically, Mary could not have contributed any DNA at all to Jesus Christ because, if she did, she would be the authentic "Mother of God" rather than simply the "God bearer." Mary merely carried the divine baby; she did not contribute any of her own DNA to it. The baby had exclusively divine DNA. That being the case, how could Jesus Christ be said to be human at all?

How could Jesus Christ have experienced the human condition if he was spectacularly unlike any human being who has ever lived? If an alien came to Earth in human form, would he be "human" or an alien living amongst humans?

"Surrogacy is an arrangement in which a woman carries and delivers a child for another couple or person. The surrogate may be the child's genetic mother (called traditional surrogacy), or she may be genetically unrelated to the child (called gestational surrogacy)." – Wikipedia

The "virgin" Mary was a surrogate mother who underwent gestational surrogacy.

"Artificial insemination (AI) is the deliberate introduction of semen into a female's vagina or oviduct for the purpose of achieving a pregnancy through fertilisation by means other than ejaculation. It is the medical alternative to sexual intercourse, or natural insemination." – Wikipedia

The "virgin" Mary was artificially inseminated, but not by semen. She was impregnated by spirit, by *holy* spirit.

Hollywood Years

Hollywood years reflect time dilation: they pass twice as slowly as normal years! A 40-year-old in Hollywood think s/he's 20!

The God Series

We have no illusions, Only the smartest people on earth will properly understand the *God Series* but, of course, they are precisely our target audience. We want to bring the entire intelligentsia of the world under a single banner, utterly opposed to the faithful, the super rich and the capitalist masters of the universe.

PP: “There is no way for either of us to really know the answer until we exit these biological space suits ... for now, everything – space, time, and even mathematics are simply the limitations of human perspective. It may seem logical to assume otherwise, but we inhabit a world of limitation, a delusion, a dream within a dream. I have had dreams where $1+1$ did not equal 2, and those dreams were just as valid as anything we are experiencing. I respect your opinion, and I respectfully disagree.”

So, what’s going to be different later when we “exit these biological space suits”? Will mathematics change? Will reality change? Will the nature of existence change? Will reason change? Will the laws of ontology change? If existence is rational then *any rational person* can grasp the truth – *right now*! Existence is based on eternal *a priori* laws that are utterly immutable. *Nothing’s going to change.*

Reason is not locked into the human body – the senses are. Reason transcends the “biological space suit”. Mathematics has nothing to do with the “limitations of human perspective”. *That’s the whole point!*

People who say things such as “there’s no way for us to really know the answer”, or that existence is “a dream with a dream” or that subjective dreams are as valid as objective reality are just irrationalists and obscurantists, prone to mystical mumbo jumbo because it saves them from having to confront their own inability to exercise reason and logic, and to understand mathematics.

Models

“Essentially, all models are wrong, but some are useful.” – George Box

Scientific materialism is a *model* of reality. It’s wrong, but it’s highly useful, as long as it sticks to modelling *machine* processes. It can say nothing meaningful about life, mind, consciousness and free will.

Consciousness is in the brain ... allegedly. But it's not in the brains of animals. Why not? Are we being told that consciousness is an emergent phenomenon, that it's produced by specific atomic or molecular arrangements, particular brain structures, unique to human beings? How can some arrangements of mindless atoms produce consciousness, but not others?

The Cathars

The heretical Cathars insisted that there was a radical division between the material and spiritual worlds. Matter was ruled by Satan (hence was evil), while spirit was ruled by the True God.

Even though orthodox Christians routinely condemned the body (and all of its lusts) and the “world” (and all of its corruption), they were not allowed to say that matter was evil – because it was of course created by their God!

Religious Uniforms

If you hate one person in a religious uniform, you hate them all. If you are sickened by a woman in a burqa, you hate all Muslims. If you are sickened by a bearded Orthodox Jew in a dark suit, wide-brimmed dark hat, with hair dangling down at the sides, you hate all Orthodox Jews. It was easy for the Nazis to get Germans to despise the Jews because the Jews went out of their way not to look like Germans and to wear a uniform that all non-Jews loathe.

A religious uniform binds all of those who wear that uniform, but it also binds all of the enemies of that religion. That’s the whole point of these religious costumes, of course. They’re designed to create polarisation, sectarian division, “them and us” attitudes, to identify the saved and the damned, the Chosen People and the infidels. Religious uniforms are inherently evil and divisive. All of them should be banned outright.

The Writing on The Wall

You have been weighed in the balance and found wanting. The writing is on the wall ... for God!

AF: “Jesus doesn’t teach you to kill your enemies or those who don’t believe. Instead when he was asked what the greatest commandment was he answered, ‘Love The Lord with all your heart, soul and mind, and that the second is like unto it: Love thy neighbour as thyself.’ He also says to pray for your enemies and when somebody doesn’t accept his truth to just shake the dust off your feet and move on.”

How can you *command* someone to love you? That’s insane. Why was Jesus

Christ necessary in the first place? – because Jesus Christ condemned the whole human race to hell because Eve and Adam exercised free will. How can any sane person associate Jesus Christ with *love*? He is the God of absolute *hate*. Only the greatest monster of all time could condemn endless billions to perpetual suffering in hell.

Christians live in a fantasy land of irrationality and selective quotations from the Bible. They all suffer from confirmation bias, cognitive bias and Orwellian doublethink.

Sexism

“The most mediocre of men feels himself a demigod as compared with women.” – Simone de Beauvoir

NPC

“A non-player character (NPC), sometimes known as a non-person character or non-playable character, in a game is any character not controlled by a player. In electronic games, this usually means a character controlled by the computer through artificial intelligence. In traditional tabletop role-playing games the term applies to characters controlled by the gamemaster or referee, rather than another player.” – Wikipedia

What about you? Are you an NPC? All Jews, Christians and Muslims are controlled by “God” via the Torah, Bible and Koran. They are not active, free participants in life. They are not “characters” (real individuals). Most people in life are NPCs.

Will the Real Shakespeare Please Stand Up?

“I know of no more heart-rending reading than Shakespeare: what must a man have suffered to have such a need of being a buffoon.” – Nietzsche

“It is no different with Shakespeare, that astonishing Spanish-Moorish-Saxon synthesis of tastes over which an ancient Athenian of the circle of Aeschylus would have half-killed himself with laughter or annoyance: but we—we accept precisely this confusion of colours, this medley of the most delicate, the coarsest and the most artificial, with a secret confidence and cordiality, we enjoy him as an artistic refinement reserved precisely for us and allow ourselves to be as little disturbed by the repellent fumes and the proximity of the English rabble in which Shakespeare’s art and taste live as we do on the Chiaja of Naples, where we go our way enchanted and willing with all our senses alert, however much the sewers of the plebeian quarters may fill the air.” – Nietzsche

Nietzsche believed that Francis Bacon was the true Shakespeare: “We are all afraid in the face of Truth; and while I recognize that I am instinctively certain and sure of this, that Lord Bacon is the creator, the self-torturer of this most gloomy sort of literature...”

“Long are we without adequate knowledge of Lord Bacon, the first realist in every great sense of the word; what he has done, what he has desired, what his experiences have been....And to the devil with you, Messrs. critics! Suppose I had baptized my *Zarathustra* under a strange name, for instance, that of Richard Wagner, and the sagacity of two centuries had not been sufficient to guess that the author of *Human, All Too Human*, the visionary of Zarathustra is...!”

The Faustian Ambition

“Measure is alien to us, let us admit it to ourselves; what we itch for is the infinite, the unmeasured. Like a rider on a charging steed we let fall the reins before the infinite, we modern men, like semi-barbarians—and attain our state of bliss only when we are also most—in danger.” – Nietzsche

Ornamentation

Women's bodies are treated as ornaments not instruments. That's a catastrophe for all women who don't have ornamental bodies because, consequently, they are disliked and ignored ... and for all those that do, since they are completely objectified.

The most ornamental women are so worshipped by men that every woman on earth wishes to taste that same delicious devotion. They want to be placed on pedestals and turned into idols. Yet only a few women – maybe one in ten – will naturally have the looks that make them goddesses of *love* in men's eyes.

The beauty industry tells all women that they are failing the grade, and require *their* products if they are to be beauties who can capture a man. This is insanity. It makes at least ninety percent of women feel ugly and unvalued.

Rationally, the best thing that could happen to women is for the beauty industry to be abolished, for women's magazines to be shut down and for women to no longer be treated as sex objects, but how many women (and men) would accept that? Virtually none.

Women, the plain ones, would be much better off without a world of makeup. Makeup does not bridge the gap between the plain and the beautiful; it widens it. Naturally beautiful women look even more ravishing with makeup. Plain women with makeup don't look greatly different.

Pornification

All women are required to look like porn stars. The same is now true of men. Since hardly anyone looks like a porn star, we have once again all been dragged into hyperreality – the more real than real – where we all perish through lack of perfection.

Kumbh Mela

The Hindu *Kumbh Mela* festival is held every three years and is said to involve the largest gathering of humanity on Earth. The festival commemorates the great event in Hindu mythology when the deities battled the demons and won the nectar that conferred immortality.

Hindus believe that if they bathe in the river Ganges on the most auspicious day of the festival then a lifetime of sin – indeed *lifetimes* of sin – can be purged, simply washed away as if they never existed.

The most auspicious location of all is where three sacred rivers – the Ganges, the Yamuna and the Saraswati – come together. The irony is that this is one of the most polluted confluences on earth [750 million gallons of sewage are dumped in the Ganges every day]. Imagine bathing in the dirtiest water on Earth in order to be purified of your Karmic burden. Isn't the water's pollution, its uncleanness, the sign that it's a place of karmic filth rather than karmic purification? You're more likely to get a disease and die than you are to be cured of anything. Many Hindus believe that the water cleans itself! Well, that's convenient.

The Kumbh Mela is the equivalent of the Pope offering absolute absolution and a plenary indulgence to all Catholics who have come to the Vatican. (A plenary indulgence grants the remission of your *entire* temporal punishment in Purgatory – warranted by your grievous sins – freeing you to go straight to heaven.)

Hajj

Six Muslims from Britain went on the Hajj pilgrimage to Mecca in Saudi Arabia. Five died in a car crash en route, including a heavily pregnant woman. A one-year-old baby boy called Mohammed survived. So, what do you conclude? There might be those who say that Allah personally saved him, making him a blessed baby. But, by exactly the same token, that means that Allah murdered the other five!

The Sexist Wall

The Western (Wailing) Wall in Jerusalem is Judaism's most sacred site. Men and women must pray there separately, and only a miserly section is provided for the women.

Some female protestors have taken to wearing male prayer shawls, which constitutes an arrestable offence in Judaism. WTF! – it's just a piece of cloth. What kind of maniacs get themselves worked up over what piece of cloth someone is wearing? Has "God" got nothing better to do with his time than concern himself with prayer shawls? No wonder Jehovah failed to beat the Assyrians, the Babylonians, Greeks, Romans and Nazis ... he was too busy designing segregated prayer shawls for men and women.

"We Are the Dead."

Nineteen Eighty-Four by George Orwell

Winston Smith: "We are the dead."

Big Brother: [voice] "YOU ARE THE DEAD!"

O'Brien: "We shall meet in the place where there is no darkness."

The Islamic Legacy

"Show me just what Muhammad brought that was new and there you will find things only evil and inhuman, such as his command to spread by the sword the faith he preached." – Byzantine Emperor Manuel II Palaiologos

The Death of Catholicism

"*Destiny of Christianity*. – Christianity came into existence in order to lighten the heart; but now it has first to burden the heart so as afterwards to be able to lighten it. Consequently it shall perish." – Nietzsche

Catholicism is on its death bed. If it wants to have a future, it must hold a new Vatican Council and replace Creationist Catholicism with the evolutionary Catholicism of Pierre Teilhard de Chardin. This would be the greatest religious revolution of all time.

Catholicism is all theatre now; it's the "Religion of the Spectacle". The pretty facade conceals the grotesque corruption at its core. The Catholic Church has become a collective Dorian Gray: something superficially attractive that has a

monstrous picture of itself hidden in the Sistine Chapel which grows more repulsive and fiendish with every passing year.

Far too many of the world's institutions are far past their sell-by date. They're utterly toxic to any human beings who touch them.

"After Buddha was dead, his shadow was still shown for centuries in a cave – a tremendous, gruesome shadow. God is dead; but given the way of men, there may still be caves for thousands of years in which his shadow will be shown. – And we – we still have to vanquish his shadow, too." – Nietzsche

Family Concerns

CW: "I don't agree with circumcision for religious reasons for male children; however circumcision for health reasons is sometimes necessary."

What's the point of this observation? We would never object to circumcision for health reasons, so why say it? When have we ever said anything other than that our issue is purely with religious circumcision?

CW: "I also find the amount of 'shoulds' in your commentary makes me feel like I am being preached to."

Well, don't read our commentary! Go and do something else. You think we spend our time worrying about whether something like you appreciates our tone? Anyone who posts a message on a Facebook page objecting to "shoulds" really needs to get a life. Such a person is totally consumed with their own feelings. Rather than engage with any substantive rational arguments, the person prefers to bleat and whine about how our message makes them *feel*. We don't care!

We are hyperrationalists. We reject those who can't get beyond their emotions and sensitivities. These people think the world should revolve around their emotional states. Well, we're not going to play the political correctness game. We despise it. We're going to say what we think, we're going to tell the unvarnished truth, and we are not going to be censored by people's feelings.

CW: "Children/young people will make up their own minds with or without parental interference."

You think so? You think that children are neither "tradition-directed" (brainwashed by the traditions of their community), "other-directed"

(brainwashed by their peers), or “inner directed” (brainwashed by their parents). This person is living in a fantasy world. Her children are manifestly “other-directed” and she thinks that their refusal to take her seriously means that they have minds of their own. No they don’t – they’re reflecting the standards of their other-directed peer group.

CW: “Have some kids – you’ll soon realize they have their own minds no matter how young they are and will make them up however they choose.”

This person has zero understanding of her children or herself. That’s what comes from being a feeling type, cut off from reason. She literally can’t work out what’s going on.

The number of authentically autonomous children – i.e. those who reject tradition, their parents and peers – is *zero*. You would need to be crazy to imagine that children are making up their own minds with reference to nothing other than their own internal standards and theories.

The task is to turn children into autonomous adults. The idea that children are naturally autonomous is ludicrous. If they were, there would be no masters and slaves in our world, no capitalists, no Abrahamists and no Karmists. Sadly, the opposite is the case.

Society has to establish the conditions whereby no children are subject to any brainwashing and can develop their own ideas as they mature into adults.

Owners, Managers and Workers

Marx predicted that capitalism would collapse because the oppressed workers would rise up against a small number of vicious owners. What Marx failed to foresee was the rise of the *manager*. The managers became a buffer between the workers and owners. Three classes were thus established: the upper class (the owners), the middle class (the managers) and the working class (the workers).

The middle class aspired to rise to the upper class, and were terrified of falling into the working class. The working class aspired to rise to the middle class and were terrified of becoming unemployed (and thus joining the underclass – not a proper part of the class system at all; like the Hindu *Untouchables*.) The upper class went out of their way to exaggerate the difference in status between themselves and the middle class, and despised “new money” (middle class people who had made it to the top).

American political theorist James Burnham claimed that, since WWI, the

“managers” had in fact seized effective control of the world. The old aristocracies had fallen or retreated to purely ownership roles where they abdicated responsibility to the managers. Burnham said that the managers had engaged in a “drive for social dominance, for power and privilege, for the position of ruling class.”

Ownership and control had become two different things: management were the controllers, not the owners (who had faded into the background). The managers then decided to start managing businesses for their own benefit rather than that of the owners (the shareholders). They reduced dividend payments to shareholders while paying themselves enormously more. The new social ruling elite were executives and managers; the workers were now bureaucrats and functionaries.

Marx claimed that ownership of the means of production was the basis of capitalism. Burnham said it was the managerial *control* of the means of production.

Ownership capitalism has been replaced by Managerial capitalism. Where Marx spoke of the Communist Revolution giving birth to the Communist State, Burnham highlighted the Managerial Revolution giving birth to the Managerial State.

Burnham characterized the emerging new elite as cynical, ruthless *Machiavellians*, entirely devoted to their own self-interest. Naturally, the managerial elite harnessed “democracy”, the media, the “free press”, and so on, and waged a ferocious and all-consuming propaganda campaign to promote its own ideology and defend its control and authority.

In 1964, Burnham published *Suicide of the West*, a conservative diatribe promoting traditional moral values, liberal free-market economics and fierce anti-communism. “Liberalism” was condemned as a pernicious “syndrome”.

Liberalism might in fact be viewed as an means of attenuating the worst effects of unrestrained management excess. Since the 1980s, executives have run amok, paying themselves anything they liked. All liberal brakes have been destroyed, and remain destroyed. The financial crisis was wholly caused by management greed and ineptitude.

Just as it was once essential to overthrow the ownership class, now it’s essential to overthrow the management class. This can be easily achieved. You simply need to move away from private management (where managers, such as those in Wall Street, have no accountability to the public) to public management (where all managers in influential positions are accountable to

Main Street).

Anarcho-capitalist libertarians are those who show 100% support for greedy, selfish, out-of-control managers. They don't want any State interference in the lives, decisions and wealth of managers. Why? Because they see themselves as rightful members of the elite management class.

The Sex Question

A radio programme advertised a programme about women being pressured to have sex “early”. Do you see how loaded this question is? Why doesn’t it run a programme about women being pressured to have sex *late*?

The original question already contains the conclusion: it’s wrong to have “early” sex. Who says so? Shouldn’t the question be an open one, namely: should you have sex early or late?

Our culture contains endless examples of these loaded questions that come with the conclusion already pronounced as the “right” thing to do. Who says so? Cui bono?

The official media = the echo chamber for the ideology of the ruling elite.

“Believe nothing until it has been officially denied.” – Claud Cockburn

But don’t believe your own propaganda either! Don’t succumb to confirmation bias.

Conclave

When a new Pope is elected, it’s said that the Holy Spirit guides the Cardinals to elect the right man: the new, infallible, “Vicar of Christ”. So, how come it takes numerous rounds of voting and “horse trading” before the new Pope is elected? Aren’t the Cardinals listening to the Holy Spirit? Why doesn’t the Holy Spirit simply form a fiery pillar over the head of the man it wants to be made Pope?

The Vicar of God?

The Pope is referred to as the “Vicar of Christ”, meaning that he is representing God on Earth! It wasn’t always thus. The Pope was originally called the “Vicar of Peter”, a much more logical title since Peter was simply the first Pope, so any of his successors was taking his place and acting on his behalf.

It was Innocent III – arguably the most influential Pope of them all – who, in 1215, effected the change from Vicar of Peter to Vicar of God: “We are the successor of the Prince of the Apostles, but we are not his Vicar, nor the

Vicar of any man or apostles, but the Vicar of Christ himself.”

The motivation for this was simple – *power*. The “Vicar of Peter” was on a par with the princes, kings and emperors of the world. The “Vicar of Christ” was above them all, and held the fate of their eternal souls in his hand.

The Papacy has never been anything but a system of control and power, and no one exemplified the Papal hunger for power more than Innocent III. He it was who ordered the extermination of the Cathars and inaugurated the Inquisition.

As far as Innocent III was concerned, the Pope should be “Lord of the World.”

The Big Lie

“Palestine: A land without a people for a people without a land.” – the defining doctrine of Zionism

“If you tell a big enough lie and tell it frequently enough, it will be believed.”
– Adolf Hitler

Theory of Mind

“Theory of mind (often abbreviated ‘ToM’) is the ability to attribute mental states—beliefs, intents, desires, pretending, knowledge, etc.—to oneself and others and to understand that others have beliefs, desires, and intentions that are different from one’s own. Deficits occur in people with autism spectrum disorders, schizophrenia, attention deficit hyperactivity disorder, as well as neurotoxicity due to alcohol abuse.” – Wikipedia

“Solipsism (from Latin *solus*, meaning ‘alone’, and *ipse*, meaning ‘self’) is the philosophical idea that only one’s own mind is sure to exist. As an epistemological position, solipsism holds that knowledge of anything outside one’s own mind is unsure. The external world and other minds cannot be known, and might not exist outside the mind. As a metaphysical position, solipsism goes further to the conclusion that the world and other minds do not exist. As such it is the only epistemological position that, by its own postulate, is both irrefutable and yet indefensible in the same manner.” – Wikipedia

If you combine Theory of Mind with Descartes’ *cogito ergo sum*, you refute

solipsism, and you acknowledge that there are many minds, perhaps an infinite number other than yours. (There is no sufficient reason why if one mind exists then an infinite number shouldn't exist.) Leibniz asserted that existence comprised *infinite* monadic minds.

Leibniz's Principle of Sufficient Reason definitively refutes solipsism since there's no sufficient reason why only one mind should exist and, moreover, that it should be yours.

The Principle of Sufficient Reason defines the *whole* of rational reality by itself. This principle is enshrined in numbers, in ontological mathematics, where everything has a sufficient reason for its existence and all of its operations (causes and effects) are justified by sufficient reasons.

Fideism

"I believe because it is absurd" – Tertullian

"Fideism is an epistemological theory which maintains that faith is independent of reason, or that reason and faith are hostile to each other and faith is superior at arriving at particular truths (see natural theology). The word fideism comes from *fides*, the Latin word for faith, and literally means 'faith-ism.'

"Theologians and philosophers have responded in various ways to the place of faith and reason in determining the truth of metaphysical ideas, morality, and religious beliefs. The term fideist, one who argues for fideism, is very rarely self-applied. Support of fideism is most commonly ascribed to four philosophers: Pascal, Kierkegaard, William James, and Wittgenstein; with fideism being a label applied in a negative sense by their opponents, but which is not supported by their own ideas and works or followers." – Wikipedia

"All the articles of our Christian faith, which God has revealed to us in His Word, are in presence of reason sheerly impossible, absurd, and false." – Luther

"Reason is the greatest enemy that faith has." – Luther

Stalin

Prior to WWII, Stalin provided perhaps the best summary of the philosophy of communism. His full pamphlet is provided below:

Dialectical and Historical Materialism

by Joseph Stalin (September 1938)

Dialectical materialism is the world outlook of the Marxist-Leninist party. It is called dialectical materialism because its approach to the phenomena of nature, its method of studying and apprehending them, is dialectical, while its interpretation of the phenomena of nature, its conception of these phenomena, its theory, is materialistic.

Historical materialism is the extension of the principles of dialectical materialism to the study of social life, an application of the principles of dialectical materialism to the phenomena of the life of society, to the study of society and of its history.

When describing their dialectical method, Marx and Engels usually refer to Hegel as the philosopher who formulated the main features of dialectics. This, however, does not mean that the dialectics of Marx and Engels is identical with the dialectics of Hegel. As a matter of fact, Marx and Engels took from the Hegelian dialectics only its 'rational kernel,' casting aside its Hegelian idealistic shell, and developed dialectics further so as to lend it a modern scientific form.

'My dialectic method,' says Marx, 'is not only different from the Hegelian, but is its direct opposite. To Hegel, ... the process of thinking which, under the name of 'the Idea,' he even transforms into an independent subject, is the *demiurgos* (creator) of the real world, and the real world is only the external, phenomenal form of 'the Idea.' With me, on the contrary, the ideal is nothing else than the material world reflected by the human mind and translated into forms of thought.' (Marx, Afterword to the Second German Edition of Volume I of *Capital*.)

When describing their materialism, Marx and Engels usually refer to Feuerbach as the philosopher who restored materialism to its rights. This, however, does not mean that the materialism of Marx and Engels is identical with Feuerbach's materialism. As a matter of fact, Marx and Engels took from Feuerbach's materialism its 'inner kernel,' developed it into a scientific-philosophical theory of materialism and cast aside its idealistic and religious-ethical encumbrances. We know that Feuerbach, although he was fundamentally a materialist, objected to the name materialism. Engels more than once declared that 'in spite of' the materialist 'foundation,' Feuerbach 'remained... bound by the traditional idealist fetters,' and that 'the real

idealism of Feuerbach becomes evident as soon as we come to his philosophy of religion and ethics.' (*Marx and Engels*, Vol. XIV, pp. 652-54.)

Dialectics comes from the Greek *dialego*, to discourse, to debate. In ancient times dialectics was the art of arriving at the truth by disclosing the contradictions in the argument of an opponent and overcoming these contradictions. There were philosophers in ancient times who believed that the disclosure of contradictions in thought and the clash of opposite opinions was the best method of arriving at the truth. This dialectical method of thought, later extended to the phenomena of nature, developed into the dialectical method of apprehending nature, which regards the phenomena of nature as being in constant movement and undergoing constant change, and the development of nature as the result of the development of the contradictions in nature, as the result of the interaction of opposed forces in nature.

In its essence, dialectics is the direct opposite of metaphysics.

1) The principal features of the Marxist dialectical method are as follows:

a) Contrary to metaphysics, dialectics does not regard nature as an accidental agglomeration of things, of phenomena, unconnected with, isolated from, and independent of, each other, but as a connected and integral whole, in which things, phenomena are organically connected with, dependent on, and determined by, each other.

The dialectical method therefore holds that no phenomenon in nature can be understood if taken by itself, isolated from surrounding phenomena, inasmuch as any phenomenon in any realm of nature may become meaningless to us if it is not considered in connection with the surrounding conditions, but divorced from them; and that, vice versa, any phenomenon can be understood and explained if considered in its inseparable connection with surrounding phenomena, as one conditioned by surrounding phenomena.

b) Contrary to metaphysics, dialectics holds that nature is not a state of rest and immobility, stagnation and immutability, but a state of continuous movement and change, of continuous renewal and development, where something is always arising and developing, and something always disintegrating and dying away.

The dialectical method therefore requires that phenomena should be considered not only from the standpoint of their interconnection and

interdependence, but also from the standpoint of their movement, their change, their development, their coming into being and going out of being.

The dialectical method regards as important primarily not that which at the given moment seems to be durable and yet is already beginning to die away, but that which is arising and developing, even though at the given moment it may appear to be not durable, for the dialectical method considers invincible only that which is arising and developing.

‘All nature,’ says Engels, ‘from the smallest thing to the biggest. from grains of sand to suns, from *protista* (the primary living cells – J. St.) to man, has its existence in eternal coming into being and going out of being, in a ceaseless flux, in unresting motion and change.

Therefore, dialectics, Engels says, ‘takes things and their perceptual images essentially in their interconnection, in their concatenation, in their movement, in their rise and disappearance.’ (*Marx and Engels*, Vol. XIV, p. 23.)

c) Contrary to metaphysics, dialectics does not regard the process of development as a simple process of growth, where quantitative changes do not lead to qualitative changes, but as a development which passes from insignificant and imperceptible quantitative changes to open ‘fundamental changes’ to qualitative changes; a development in which the qualitative changes occur not gradually, but rapidly and abruptly, taking the form of a leap from one state to another; they occur not accidentally but as the natural result of an accumulation of imperceptible and gradual quantitative changes.

The dialectical method therefore holds that the process of development should be understood not as movement in a circle, not as a simple repetition of what has already occurred, but as an onward and upward movement, as a transition from an old qualitative state to a new qualitative state, as a development from the simple to the complex, from the lower to the higher:

‘Nature,’ says Engels, ‘is the test of dialectics, and it must be said for modern natural science that it has furnished extremely rich and daily increasing materials for this test, and has thus proved that in the last analysis nature’s process is dialectical and not metaphysical, that it does not move in an eternally uniform and constantly repeated circle, but passes through a real history. Here prime mention should be made of Darwin, who dealt a severe blow to the metaphysical conception of nature by proving that the organic world of today, plants and animals, and consequently man too, is all a product of a process of development that has been in progress for millions of

years.'

Describing dialectical development as a transition from quantitative changes to qualitative changes, Engels says:

'In physics ... every change is a passing of quantity into quality, as a result of a quantitative change of some form of movement either inherent in a body or imparted to it. For example, the temperature of water has at first no effect on its liquid state; but as the temperature of liquid water rises or falls, a moment arrives when this state of cohesion changes and the water is converted in one case into steam and in the other into ice.... A definite minimum current is required to make a platinum wire glow; every metal has its melting temperature; every liquid has a definite freezing point and boiling point at a given pressure, as far as we are able with the means at our disposal to attain the required temperatures; finally, every gas has its critical point at which, by proper pressure and cooling, it can be converted into a liquid state.... What are known as the constants of physics (the point at which one state passes into another – J. St.) are in most cases nothing but designations for the nodal points at which a quantitative (change) increase or decrease of movement causes a qualitative change in the state of the given body, and at which, consequently, quantity is transformed into quality.'

Passing to chemistry, Engels continues:

'Chemistry may be called the science of the qualitative changes which take place in bodies as the effect of changes of quantitative composition. This was already known to Hegel.... Take oxygen: if the molecule contains three atoms instead of the customary two, we get ozone, a body definitely distinct in odour and reaction from ordinary oxygen. And what shall we say of the different proportions in which oxygen combines with nitrogen or sulphur, and each of which produces a body qualitatively different from all other bodies !'

Finally, criticizing Dühring, who scolded Hegel for all he was worth, but surreptitiously borrowed from him the well-known thesis that the transition from the insentient world to the sentient world, from the kingdom of inorganic matter to the kingdom of organic life, is a leap to a new state, Engels says:

'This is precisely the Hegelian nodal line of measure relations in which at certain definite nodal points, the purely quantitative increase or decrease gives rise to a qualitative leap, for example, in the case of water which is heated or cooled, where boiling point and freezing point are the nodes at which – under normal pressure – the leap to a new aggregate state takes

place, and where consequently quantity is transformed into quality.’

d) Contrary to metaphysics, dialectics holds that internal contradictions are inherent in all things and phenomena of nature, for they all have their negative and positive sides, a past and a future, something dying away and something developing; and that the struggle between these opposites, the struggle between the old and the new, between that which is dying away and that which is being born, between that which is disappearing and that which is developing, constitutes the internal content of the process of development, the internal content of the transformation of quantitative changes into qualitative changes.

The dialectical method therefore holds that the process of development from the lower to the higher takes place not as a harmonious unfolding of phenomena, but as a disclosure of the contradictions inherent in things and phenomena, as a ‘struggle’ of opposite tendencies which operate on the basis of these contradictions.

‘In its proper meaning,’ Lenin says, ‘dialectics is the study of the contradiction within the very essence of things.’ (Lenin, *Philosophical Notebooks*, p. 265.) And further: ‘Development is the “struggle” of opposites.’ (Lenin, Vol. XIII, p. 301.)

Such, in brief, are the principal features of the Marxist dialectical method.

It is easy to understand how immensely important is the extension of the principles of the dialectical method to the study of social life and the history of society, and how immensely important is the application of these principles to the history of society and to the practical activities of the party of the proletariat.

If there are no isolated phenomena in the world, if all phenomena are interconnected and interdependent, then it is clear that every social system and every social movement in history must be evaluated not from the standpoint of ‘eternal justice’ or some other preconceived idea, as is not infrequently done by historians, but from the standpoint of the conditions which gave rise to that system or that social movement and with which they are connected.

The slave system would be senseless, stupid and unnatural under modern conditions. But under the conditions of a disintegrating primitive communal system, the slave system is a quite understandable and natural phenomenon, since it represents an advance on the primitive communal system.

The demand for a bourgeois-democratic republic when tsardom and

bourgeois society existed, as, let us say, in Russia in 1905, was a quite understandable, proper and revolutionary demand; for at that time a bourgeois republic would have meant a step forward. But now, under the conditions of the U.S.S.R., the demand for a bourgeois-democratic republic would be a senseless and counterrevolutionary demand; for a bourgeois republic would be a retrograde step compared with the Soviet republic.

Everything depends on the conditions, time and place.

It is clear that without such a historical approach to social phenomena, the existence and development of the science of history is impossible; for only such an approach saves the science of history from becoming a jumble of accidents and an agglomeration of most absurd mistakes.

Further, if the world is in a state of constant movement and development, if the dying away of the old and the upgrowth of the new is a law of development, then it is clear that there can be no 'immutable' social systems, no 'eternal principles' of private property and exploitation, no 'eternal ideas' of the subjugation of the peasant to the landlord, of the worker to the capitalist.

Hence, the capitalist system can be replaced by the socialist system, just as at one time the feudal system was replaced by the capitalist system.

Hence, we must not base our orientation on the strata of society which are no longer developing, even though they at present constitute the predominant force, but on those strata which are developing and have a future before them, even though they at present do not constitute the predominant force.

In the eighties of the past century, in the period of the struggle between the Marxists and the Narodniks, the proletariat in Russia constituted an insignificant minority of the population, whereas the individual peasants constituted the vast majority of the population. But the proletariat was developing as a class, whereas the peasantry as a class was disintegrating. And just because the proletariat was developing as a class the Marxists based their orientation on the proletariat. And they were not mistaken; for, as we know, the proletariat subsequently grew from an insignificant force into a first-rate historical and political force.

Hence, in order not to err in policy, one must look forward, not backward.

Further, if the passing of slow quantitative changes into rapid and abrupt qualitative changes is a law of development, then it is clear that revolutions made by oppressed classes are a quite natural and inevitable phenomenon.

Hence, the transition from capitalism to socialism and the liberation of the

working class from the yoke of capitalism cannot be effected by slow changes, by reforms, but only by a qualitative change of the capitalist system, by revolution.

Hence, in order not to err in policy, one must be a revolutionary, not a reformist.

Further, if development proceeds by way of the disclosure of internal contradictions, by way of collisions between opposite forces on the basis of these contradictions and so as to overcome these contradictions, then it is clear that the class struggle of the proletariat is a quite natural and inevitable phenomenon.

Hence, we must not cover up the contradictions of the capitalist system, but disclose and unravel them; we must not try to check the class struggle but carry it to its conclusion.

Hence, in order not to err in policy, one must pursue an uncompromising proletarian class policy, not a reformist policy of harmony of the interests of the proletariat and the bourgeoisie, not a compromisers' policy of the 'growing' of capitalism into socialism.

Such is the Marxist dialectical method when applied to social life, to the history of society.

As to Marxist philosophical materialism, it is fundamentally the direct opposite of philosophical idealism.

2) The principal features of Marxist philosophical materialism are as follows:

a) Contrary to idealism, which regards the world as the embodiment of an 'absolute idea,' a 'universal spirit,' 'consciousness,' Marx's philosophical materialism holds that the world is by its very nature material, that the multifold phenomena of the world constitute different forms of matter in motion, that interconnection and interdependence of phenomena as established by the dialectical method, are a law of the development of moving matter, and that the world develops in accordance with the laws of movement of matter and stands in no need of a 'universal spirit.'

'The materialistic outlook on nature,' says Engels, 'means no more than simply conceiving nature just as it exists, without any foreign admixture.' (*Marx and Engels*, Vol. XIV, p. 651.)

Speaking of the materialist views of the ancient philosopher Heraclitus, who held that 'the world, the all in one, was not created by any god or any

man, but was, is and ever will be a living flame, systematically flaring up and systematically dying down,' Lenin comments: 'A very good exposition of the rudiments of dialectical materialism.' (Lenin, *Philosophical Notebooks*, p. 318.)

b) Contrary to idealism, which asserts that only our consciousness really exists, and that the material world, being, nature, exists only in our consciousness, in our sensations, ideas and perceptions, the Marxist philosophical materialism holds that matter, nature, being, is an objective reality existing outside and independent of our consciousness; that matter is primary, since it is the source of sensations, ideas, consciousness, and that consciousness is secondary, derivative, since it is a reflection of matter, a reflection of being; that thought is a product of matter which in its development has reached a high degree of perfection, namely, of the brain, and the brain is the organ of thought; and that therefore one cannot separate thought from matter without committing a grave error. Engels says:

'The question of the relation of thinking to being, the relation of spirit to nature is the paramount question of the whole of philosophy.... The answers which the philosophers gave to this question split them into two great camps. Those who asserted the primacy of spirit to nature ... comprised the camp of idealism. The others, who regarded nature as primary, belong to the various schools of materialism.' (Marx, *Selected Works*, Vol. I, p. 329.)

And further:

'The material, sensuously perceptible world to which we ourselves belong is the only reality.... Our consciousness and thinking, however supra-sensuous they may seem, are the product of a material, bodily organ, the brain. Matter is not a product of mind, but mind itself is *merely the highest product of matter*.'

Concerning the question of matter and thought, Marx says:

'It is impossible to separate thought from matter that thinks. Matter is the subject of all changes.'

Describing Marxist philosophical materialism, Lenin says:

'Materialism in general recognizes objectively real being (matter) as independent of consciousness, sensation, experience. ... Consciousness is only the reflection of being, at best an approximately true (adequate, *ideally* exact) reflection of it.' (Lenin, Vol. XIII, pp. 266-67.)

And further:

'Matter is that which, acting upon our sense-organs, produces sensation;

matter is the objective reality given to us in sensation.... Matter, nature, being, the physical-is-primary, and spirit, consciousness, sensation, the psychical-is-secondary.”

“The world picture is a picture of how matter moves and of how “matter thinks.””

‘The brain is the organ of thought.’

c) Contrary to idealism, which denies the possibility of knowing the world and its laws, which does not believe in the authenticity of our knowledge, does not recognize objective truth, and holds that the world is full of ‘things-in-themselves’ that can never be known to science, Marxist philosophical materialism holds that the world and its laws are fully knowable, that our knowledge of the laws of nature, tested by experiment and practice, is authentic knowledge having the validity of objective truth, and that there are no things in the world which are unknowable, but only things which are as yet not known, but which will be disclosed and made known by the efforts of science and practice.

Criticizing the thesis of Kant and other idealists that the world is unknowable and that there are ‘things-in-themselves’ which are unknowable, and defending the well-known materialist thesis that our knowledge is authentic knowledge, Engels writes:

“The most telling refutation of this as of all other philosophical crotchets is practice, namely, experiment and industry. If we are able to prove the correctness of our conception of a natural process by making it ourselves, bringing it into being out of its conditions and making it serve our own purposes into the bargain, then there is an end to the Kantian ungraspable “thing-in-itself.” The chemical substances produced in the bodies of plants and animals remained such “things-in-themselves” until organic chemistry began to produce them one after another, whereupon the “thing-in-itself” became a thing for us, as, for instance, alizarin, the colouring matter of the madder, which we no longer trouble to grow in the madder roots in the field, but produce much more cheaply and simply from coal tar. For 300 years the Copernican solar system was a hypothesis with a hundred, a thousand or ten thousand chances to one in its favour, but still always a hypothesis. But when Leverrier, by means of the data provided by this system, not only deduced the necessity of the existence of an unknown planet, but also calculated the position in the heavens which this planet must necessarily occupy, and when Galle really found this planet, the Copernican system was proved.’ (Marx,

Selected Works, Vol. I, p. 330.)

Accusing Bogdanov, Bazarov, Yushkevich and the other followers of Mach of fideism (a reactionary theory, which prefers faith to science) and defending the well-known materialist thesis that our scientific knowledge of the laws of nature is authentic knowledge, and that the laws of science represent objective truth, Lenin says:

‘Contemporary fideism does not at all reject science; all it rejects is the “exaggerated claims” of science, to wit, its claim to objective truth. If objective truth exists (as the materialists think), if natural science, reflecting the outer world in human “experience,” is alone capable of giving us objective truth, then all fideism is absolutely refuted.’ (Lenin, Vol. XIII, p. 102.)

Such, in brief, are the characteristic features of the Marxist philosophical materialism.

It is easy to understand how immensely important is the extension of the principles of philosophical materialism to the study of social life, of the history of society, and how immensely important is the application of these principles to the history of society and to the practical activities of the party of the proletariat.

If the connection between the phenomena of nature and their interdependence are laws of the development of nature, it follows, too, that the connection and interdependence of the phenomena of social life are laws of the development of society, and not something accidental.

Hence, social life, the history of society, ceases to be an agglomeration of ‘accidents’, for the history of society becomes a development of society according to regular laws, and the study of the history of society becomes a science.

Hence, the practical activity of the party of the proletariat must not be based on the good wishes of ‘outstanding individuals.’ not on the dictates of ‘reason,’ ‘universal morals,’ etc., but on the laws of development of society and on the study of these laws.

Further, if the world is knowable and our knowledge of the laws of development of nature is authentic knowledge, having the validity of objective truth, it follows that social life, the development of society, is also knowable, and that the data of science regarding the laws of development of society are authentic data having the validity of objective truths.

Hence, the science of the history of society, despite all the complexity of

the phenomena of social life, can become as precise a science as, let us say, biology, and capable of making use of the laws of development of society for practical purposes.

Hence, the party of the proletariat should not guide itself in its practical activity by casual motives, but by the laws of development of society, and by practical deductions from these laws.

Hence, socialism is converted from a dream of a better future for humanity into a science.

Hence, the bond between science and practical activity, between theory and practice, their unity, should be the guiding star of the party of the proletariat.

Further, if nature, being, the material world, is primary, and consciousness, thought, is secondary, derivative; if the material world represents objective reality existing independently of the consciousness of men, while consciousness is a reflection of this objective reality, it follows that the material life of society, its being, is also primary, and its spiritual life secondary, derivative, and that the material life of society is an objective reality existing independently of the will of men, while the spiritual life of society is a reflection of this objective reality, a reflection of being.

Hence, the source of formation of the spiritual life of society, the origin of social ideas, social theories, political views and political institutions, should not be sought for in the ideas, theories, views and political institutions themselves, but in the conditions of the material life of society, in social being, of which these ideas, theories, views, etc., are the reflection.

Hence, if in different periods of the history of society different social ideas, theories, views and political institutions are to be observed; if under the slave system we encounter certain social ideas, theories, views and political institutions, under feudalism others, and under capitalism others still, this is not to be explained by the 'nature', the 'properties' of the ideas, theories, views and political institutions themselves but by the different conditions of the material life of society at different periods of social development.

Whatever is the being of a society, whatever are the conditions of material life of a society, such are the ideas, theories political views and political institutions of that society.

In this connection, Marx says:

'It is not the consciousness of men that determines their being, but, on the contrary, their social being that determines their consciousness.' (Marx,

Selected Works, Vol. I, p. 269.)

Hence, in order not to err in policy, in order not to find itself in the position of idle dreamers, the party of the proletariat must not base its activities on abstract 'principles of human reason', but on the concrete conditions of the material life of society, as the determining force of social development; not on the good wishes of 'great men,' but on the real needs of development of the material life of society.

The fall of the utopians, including the Narodniks, anarchists and Socialist-Revolutionaries, was due, among other things to the fact that they did not recognize the primary role which the conditions of the material life of society play in the development of society, and, sinking to idealism, did not base their practical activities on the needs of the development of the material life of society, but, independently of and in spite of these needs, on 'ideal plans' and 'all-embracing projects', divorced from the real life of society.

The strength and vitality of Marxism-Leninism lies in the fact that it does base its practical activity on the needs of the development of the material life of society and never divorces itself from the real life of society.

It does not follow from Marx's words, however, that social ideas, theories, political views and political institutions are of no significance in the life of society, that they do not reciprocally affect social being, the development of the material conditions of the life of society. We have been speaking so far of the origin of social ideas, theories, views and political institutions, of the way they arise, of the fact that the spiritual life of society is a reflection of the conditions of its material life. As regards the significance of social ideas, theories, views and political institutions, as regards their role in history, historical materialism, far from denying them, stresses the important role and significance of these factors in the life of society, in its history.

There are different kinds of social ideas and theories. There are old ideas and theories which have outlived their day and which serve the interests of the moribund forces of society. Their significance lies in the fact that they hamper the development, the progress of society. Then there are new and advanced ideas and theories which serve the interests of the advanced forces of society. Their significance lies in the fact that they facilitate the development, the progress of society; and their significance is the greater the more accurately they reflect the needs of development of the material life of society.

New social ideas and theories arise only after the development of the

material life of society has set new tasks before society. But once they have arisen they become a most potent force which facilitates the carrying out of the new tasks set by the development of the material life of society, a force which facilitates the progress of society. It is precisely here that the tremendous organizing, mobilizing and transforming value of new ideas, new theories, new political views and new political institutions manifests itself. New social ideas and theories arise precisely because they are necessary to society, because it is impossible to carry out the urgent tasks of development of the material life of society without their organizing, mobilizing and transforming action. Arising out of the new tasks set by the development of the material life of society, the new social ideas and theories force their way through, become the possession of the masses, mobilize and organize them against the moribund forces of society, and thus facilitate the overthrow of these forces, which hamper the development of the material life of society.

Thus social ideas, theories and political institutions, having arisen on the basis of the urgent tasks of the development of the material life of society, the development of social being, themselves then react upon social being, upon the material life of society, creating the conditions necessary for completely carrying out the urgent tasks of the material life of society, and for rendering its further development possible.

In this connection, Marx says:

‘Theory becomes a material force as soon as it has gripped the masses.’
(*Marx and Engels*, Vol. I, p. 406.)

Hence, in order to be able to influence the conditions of material life of society and to accelerate their development and their improvement, the party of the proletariat must rely upon such a social theory, such a social idea as correctly reflects the needs of development of the material life of society, and which is therefore capable of setting into motion broad masses of the people and of mobilizing them and organizing them into a great army of the proletarian party, prepared to smash the reactionary forces and to clear the way for the advanced forces of society.

The fall of the ‘Economists’ and the Mensheviks was due, among other things, to the fact that they did not recognize the mobilizing, organizing and transforming role of advanced theory, of advanced ideas and, sinking to vulgar materialism, reduced the role of these factors almost to nothing, thus condemning the Party to passivity and inaction.

The strength and vitality of Marxism-Leninism is derived from the fact

that it relies upon an advanced theory which correctly reflects the needs of development of the material life of society, that it elevates theory to a proper level, and that it deems it its duty to utilize every ounce of the mobilizing, organizing and transforming power of this theory.

That is the answer historical materialism gives to the question of the relation between social being and social consciousness, between the conditions of development of material life and the development of the spiritual life of society.

3) Historical Materialism

It now remains to elucidate the following question: What, from the viewpoint of historical materialism, is meant by the 'conditions of material life of society' which in the final analysis determine the physiognomy of society, its ideas, views, political institutions, etc.?

What, after all, are these 'conditions of material life of society,' what are their distinguishing features?

There can be no doubt that the concept 'conditions of material life of society' includes, first of all, nature which surrounds society, geographical environment, which is one of the indispensable and constant conditions of material life of society and which, of course, influences the development of society. What role does geographical environment play in the development of society? Is geographical environment the chief force determining the physiognomy of society, the character of the social system of man, the transition from one system to another, or isn't it?

Historical materialism answers this question in the negative.

Geographical environment is unquestionably one of the constant and indispensable conditions of development of society and, of course, influences the development of society, accelerates or retards its development. But its influence is not the determining influence, inasmuch as the changes and development of society proceed at an incomparably faster rate than the changes and development of geographical environment. In the space of 3000 years three different social systems have been successively superseded in Europe: the primitive communal system, the slave system and the feudal system. In the eastern part of Europe, in the U.S.S.R., even four social systems have been superseded. Yet during this period geographical conditions in Europe have either not changed at all, or have changed so slightly that geography takes no note of them. And that is quite natural.

Changes in geographical environment of any importance require millions of years, whereas a few hundred or a couple of thousand years are enough for even very important changes in the system of human society.

It follows from this that geographical environment cannot be the chief cause, the determining cause of social development; for that which remains almost unchanged in the course of tens of thousands of years cannot be the chief cause of development of that which undergoes fundamental changes in the course of a few hundred years

Further, there can be no doubt that the concept 'conditions of material life of society' also includes growth of population, density of population of one degree or another; for people are an essential element of the conditions of material life of society, and without a definite minimum number of people there can be no material life of society. Is growth of population the chief force that determines the character of the social system of man, or isn't it?

Historical materialism answers this question too in the negative.

Of course, growth of population does influence the development of society, does facilitate or retard the development of society, but it cannot be the chief force of development of society, and its influence on the development of society cannot be the determining influence because, by itself, growth of population does not furnish the clue to the question why a given social system is replaced precisely by such and such a new system and not by another, why the primitive communal system is succeeded precisely by the slave system, the slave system by the feudal system, and the feudal system by the bourgeois system, and not by some other.

If growth of population were the determining force of social development, then a higher density of population would be bound to give rise to a correspondingly higher type of social system. But we do not find this to be the case. The density of population in China is four times as great as in the U.S.A., yet the U.S.A. stands higher than China in the scale of social development; for in China a semi-feudal system still prevails, whereas the U.S.A. has long ago reached the highest stage of development of capitalism. The density of population in Belgium is 19 times as great as in the U.S.A., and 26 times as great as in the U.S.S.R. Yet the U.S.A. stands higher than Belgium in the scale of social development; and as for the U.S.S.R., Belgium lags a whole historical epoch behind this country, for in Belgium the capitalist system prevails, whereas the U.S.S.R. has already done away with capitalism and has set up a socialist system.

It follows from this that growth of population is not, and cannot be, the chief force of development of society, the force which determines the character of the social system, the physiognomy of society.

a) What, then, is the chief force in the complex of conditions of material life of society which determines the physiognomy of society, the character of the social system, the development of society from one system to another?

This force, historical materialism holds, is the method of procuring the means of life necessary for human existence, the mode of production of material values – food, clothing, footwear, houses, fuel, instruments of production, etc. – which are indispensable for the life and development of society.

In order to live, people must have food, clothing, footwear, shelter, fuel, etc.; in order to have these material values, people must produce them; and in order to produce them, people must have the instruments of production with which food, clothing, footwear, shelter, fuel, etc., are produced, they must be able to produce these instruments and to use them.

The instruments of production wherewith material values are produced, the people who operate the instruments of production and carry on the production of material values thanks to a certain production experience and labour skill – all these elements jointly constitute the productive forces of society.

But the productive forces are only one aspect of production, only one aspect of the mode of production, an aspect that expresses the relation of men to the objects and forces of nature which they make use of for the production of material values. Another aspect of production, another aspect of the mode of production, is the relation of men to each other in the process of production, men's relations of production. Men carry on a struggle against nature and utilize nature for the production of material values not in isolation from each other, not as separate individuals, but in common, in groups, in societies. Production, therefore, is at all times and under all conditions social production. In the production of material values men enter into mutual relations of one kind or another within production, into relations of production of one kind or another. These may be relations of co-operation and mutual help between people who are free from exploitation; they may be relations of domination and subordination; and, lastly, they may be transitional from one form of relations of production to another. But whatever the character of the relations of production may be, always and in every

system they constitute just as essential an element of production as the productive forces of society.

‘In production,’ Marx says, ‘men not only act on nature but also on one another. They produce only by co-operating in a certain way and mutually exchanging their activities. In order to produce, they enter into definite connections and relations with one another and only within these social connections and relations does their action on nature, does production, take place.’ (*Marx and Engels*, Vol. V, p. 429.)

Consequently, production, the mode of production, embraces both the productive forces of society and men’s relations of production, and is thus the embodiment of their unity in the process of production of material values.

b) The first feature of production is that it never stays at one point for a long time and is always in a state of change and development, and that, furthermore, changes in the mode of production inevitably call forth changes in the whole social system, social ideas, political views and political institutions – they call forth a reconstruction of the whole social and political order. At different stages of development people make use of different modes of production, or, to put it more crudely, lead different manners of life. In the primitive commune there is one mode of production, under slavery there is another mode of production, under feudalism a third mode of production and so on. And, correspondingly, men’s social system, the spiritual life of men, their views and political institutions also vary.

Whatever is the mode of production of a society, such in the main is the society itself, its ideas and theories, its political views and institutions.

Or, to put it more crudely, whatever is man’s manner of life such is his manner of thought.

This means that the history of development of society is above all the history of the development of production, the history of the modes of production which succeed each other in the course of centuries, the history of the development of productive forces and of people’s relations of production.

Hence, the history of social development is at the same time the history of the producers of material values themselves, the history of the labouring masses, who are the chief force in the process of production and who carry on the production of material values necessary for the existence of society.

Hence, if historical science is to be a real science, it can no longer reduce the history of social development to the actions of kings and generals, to the actions of ‘conquerors’ and ‘subjugators’ of states, but must above all devote

itself to the history of the producers of material values, the history of the labouring masses, the history of peoples.

Hence, the clue to the study of the laws of history of society must not be sought in men's minds, in the views and ideas of society, but in the mode of production practiced by society in any given historical period; it must be sought in the economic life of society.

Hence, the prime task of historical science is to study and disclose the laws of production, the laws of development of the productive forces and of the relations of production, the laws of economic development of society.

Hence, if the party of the proletariat is to be a real party, it must above all acquire a knowledge of the laws of development of production, of the laws of economic development of society.

Hence, if it is not to err in policy, the party of the proletariat must both in drafting its program and in its practical activities proceed primarily from the laws of development of production from the laws of economic development of society.

c) The second feature of production is that its changes and development always begin with changes and development of the productive forces, and in the first place, with changes and development of the instruments of production. Productive forces are therefore the most mobile and revolutionary element of production. First the productive forces of society change and develop, and then, depending on these changes and in conformity with them, men's relations of production, their economic relations, change. This, however, does not mean that the relations of production do not influence the development of the productive forces and that the latter are not dependent on the former. While their development is dependent on the development of the productive forces, the relations of production in their turn react upon the development of the productive forces, accelerating or retarding it. In this connection it should be noted that the relations of production cannot for too long a time lag behind and be in a state of contradiction to the growth of the productive forces, inasmuch as the productive forces can develop in full measure only when the relations of production correspond to the character, the state of the productive forces and allow full scope for their development. Therefore, however much the relations of production may lag behind the development of the productive forces, they must, sooner or later, come into correspondence with – and actually do come into correspondence with – the level of development of the

productive forces, the character of the productive forces. Otherwise we would have a fundamental violation of the unity of the productive forces and the relations of production within the system of production, a disruption of production as a whole, a crisis of production, a destruction of productive forces.

An instance in which the relations of production do not correspond to the character of the productive forces, conflict with them, is the economic crises in capitalist countries, where private capitalist ownership of the means of production is in glaring incongruity with the social character of the process of production, with the character of the productive forces. This results in economic crises, which lead to the destruction of productive forces. Furthermore, this incongruity itself constitutes the economic basis of social revolution, the purpose of which is to destroy the existing relations of production and to create new relations of production corresponding to the character of the productive forces.

In contrast, an instance in which the relations of production completely correspond to the character of the productive forces is the socialist national economy of the U.S.S.R., where the social ownership of the means of production fully corresponds to the social character of the process of production, and where, because of this, economic crises and the destruction of productive forces are unknown.

Consequently, the productive forces are not only the most mobile and revolutionary element in production, but are also the determining element in the development of production.

Whatever are the productive forces such must be the relations of production.

While the state of the productive forces furnishes the answer to the question – with what instruments of production do men produce the material values they need? – the state of the relations of production furnishes the answer to another question – who owns the means of production (the land, forests, waters, mineral resources, raw materials, instruments of production, production premises, means of transportation and communication, etc.), who commands the means of production, whether the whole of society, or individual persons, groups, or classes which utilize them for the exploitation of other persons, groups or classes?

Here is a rough picture of the development of productive forces from ancient times to our day. The transition from crude stone tools to the bow and

arrow, and the accompanying transition from the life of hunters to the domestication of animals and primitive pasturage; the transition from stone tools to metal tools (the iron axe, the wooden plow fitted with an iron coulter, etc.), with a corresponding transition to tillage and agriculture; a further improvement in metal tools for the working up of materials, the introduction of the blacksmith's bellows, the introduction of pottery, with a corresponding development of handicrafts, the separation of handicrafts from agriculture, the development of an independent handicraft industry and, subsequently, of manufacture; the transition from handicraft tools to machines and the transformation of handicraft and manufacture into machine industry; the transition to the machine system and the rise of modern large-scale machine industry – such is a general and far from complete picture of the development of the productive forces of society in the course of man's history. It will be clear that the development and improvement of the instruments of production was effected by men who were related to production, and not independently of men; and, consequently, the change and development of the instruments of production was accompanied by a change and development of men, as the most important element of the productive forces, by a change and development of their production experience, their labour skill, their ability to handle the instruments of production.

In conformity with the change and development of the productive forces of society in the course of history, men's relations of production, their economic relations also changed and developed.

Five main types of relations of production are known to history: primitive communal, slave, feudal, capitalist and socialist.

The basis of the relations of production under the primitive communal system is that the means of production are socially owned. This in the main corresponds to the character of the productive forces of that period. Stone tools, and, later, the bow and arrow, precluded the possibility of men individually combating the forces of nature and beasts of prey. In order to gather the fruits of the forest, to catch fish, to build some sort of habitation, men were obliged to work in common if they did not want to die of starvation, or fall victim to beasts of prey or to neighbouring societies. Labour in common led to the common ownership of the means of production, as well as of the fruits of production. Here the conception of private ownership of the means of production did not yet exist, except for the personal ownership of certain implements of production which were at the

same time means of defence against beasts of prey. Here there was no exploitation, no classes.

The basis of the relations of production under the slave system is that the slave-owner owns the means of production, he also owns the worker in production – the slave, whom he can sell, purchase, or kill as though he were an animal. Such relations of production in the main correspond to the state of the productive forces of that period. Instead of stone tools, men now have metal tools at their command; instead of the wretched and primitive husbandry of the hunter, who knew neither pasturage nor tillage, there now appear pasturage tillage, handicrafts, and a division of labour between these branches of production. There appears the possibility of the exchange of products between individuals and between societies, of the accumulation of wealth in the hands of a few, the actual accumulation of the means of production in the hands of a minority, and the possibility of subjugation of the majority by a minority and the conversion of the majority into slaves. Here we no longer find the common and free labour of all members of society in the production process – here there prevails the forced labour of slaves, who are exploited by the non-labouring slave-owners. Here, therefore, there is no common ownership of the means of production or of the fruits of production. It is replaced by private ownership. Here the slave-owner appears as the prime and principal property owner in the full sense of the term.

Rich and poor, exploiters and exploited, people with full rights and people with no rights, and a fierce class struggle between them – such is the picture of the slave system.

The basis of the relations of production under the feudal system is that the feudal lord owns the means of production and does not fully own the worker in production – the serf, whom the feudal lord can no longer kill, but whom he can buy and sell. Alongside of feudal ownership there exists individual ownership by the peasant and the handicraftsman of his implements of production and his private enterprise based on his personal labour. Such relations of production in the main correspond to the state of the productive forces of that period. Further improvements in the smelting and working of iron; the spread of the iron plough and the loom; the further development of agriculture, horticulture, viniculture and dairying; the appearance of manufactories alongside of the handicraft workshops – such are the characteristic features of the state of the productive forces.

The new productive forces demand that the labourer shall display some

kind of initiative in production and an inclination for work, an interest in work. The feudal lord therefore discards the slave, as a labourer who has no interest in work and is entirely without initiative, and prefers to deal with the serf, who has his own husbandry, implements of production, and a certain interest in work essential for the cultivation of the land and for the payment in kind of a part of his harvest to the feudal lord.

Here private ownership is further developed. Exploitation is nearly as severe as it was under slavery – it is only slightly mitigated. A class struggle between exploiters and exploited is the principal feature of the feudal system.

The basis of the relations of production under the capitalist system is that the capitalist owns the means of production, but not the workers in production – the wage labourers, whom the capitalist can neither kill nor sell because they are personally free, but who are deprived of means of production and) in order not to die of hunger, are obliged to sell their labour power to the capitalist and to bear the yoke of exploitation. Alongside of capitalist property in the means of production, we find, at first on a wide scale, private property of the peasants and handicraftsmen in the means of production, these peasants and handicraftsmen no longer being serfs, and their private property being based on personal labour. In place of the handicraft workshops and manufactories there appear huge mills and factories equipped with machinery. In place of the manorial estates tilled by the primitive implements of production of the peasant, there now appear large capitalist farms run on scientific lines and supplied with agricultural machinery

The new productive forces require that the workers in production shall be better educated and more intelligent than the downtrodden and ignorant serfs, that they be able to understand machinery and operate it properly. Therefore, the capitalists prefer to deal with wage-workers, who are free from the bonds of serfdom and who are educated enough to be able properly to operate machinery.

But having developed productive forces to a tremendous extent, capitalism has become enmeshed in contradictions which it is unable to solve. By producing larger and larger quantities of commodities, and reducing their prices, capitalism intensifies competition, ruins the mass of small and medium private owners, converts them into proletarians and reduces their purchasing power, with the result that it becomes impossible to dispose of the commodities produced. On the other hand, by expanding

production and concentrating millions of workers in huge mills and factories, capitalism lends the process of production a social character and thus undermines its own foundation, inasmuch as the social character of the process of production demands the social ownership of the means of production; yet the means of production remain private capitalist property, which is incompatible with the social character of the process of production.

These irreconcilable contradictions between the character of the productive forces and the relations of production make themselves felt in periodical crises of over-production, when the capitalists, finding no effective demand for their goods owing to the ruin of the mass of the population which they themselves have brought about, are compelled to burn products, destroy manufactured goods, suspend production, and destroy productive forces at a time when millions of people are forced to suffer unemployment and starvation, not because there are not enough goods, but because there is an overproduction of goods.

This means that the capitalist relations of production have ceased to correspond to the state of productive forces of society and have come into irreconcilable contradiction with them.

This means that capitalism is pregnant with revolution, whose mission it is to replace the existing capitalist ownership of the means of production by socialist ownership.

This means that the main feature of the capitalist system is a most acute class struggle between the exploiters and the exploited.

The basis of the relations of production under the socialist system, which so far has been established only in the U.S.S.R., is the social ownership of the means of production. Here there are no longer exploiters and exploited. The goods produced are distributed according to labour performed, on the principle: 'He who does not work, neither shall he eat.' Here the mutual relations of people in the process of production are marked by comradely cooperation and the socialist mutual assistance of workers who are free from exploitation. Here the relations of production fully correspond to the state of productive forces; for the social character of the process of production is reinforced by the social ownership of the means of production.

For this reason socialist production in the U.S.S.R. knows no periodical crises of over-production and their accompanying absurdities.

For this reason, the productive forces here develop at an accelerated pace; for the relations of production that correspond to them offer full scope for

such development.

Such is the picture of the development of men's relations of production in the course of human history.

Such is the dependence of the development of the relations of production on the development of the productive forces of society, and primarily, on the development of the instruments of production, the dependence by virtue of which the changes and development of the productive forces sooner or later lead to corresponding changes and development of the relations of production.

'The use and fabrication of instruments of labour,' says Marx, 'although existing in the germ among certain species of animals, is specifically characteristic of the human labour-process, and Franklin therefore defines man as a tool-making animal. Relics of bygone instruments of labour possess the same importance for the investigation of extinct economical forms of society, as do fossil bones for the determination of extinct species of animals. It is not the articles made, but how they are made that enables us to distinguish different economical epochs. Instruments of labour not only supply a standard of the degree of development to which human labour has attained, but they are also indicators of the social conditions under which that labour is carried on.' (Marx, *Capital*, Vol. I, 1935, p. 121.)

And further:

'Social relations are closely bound up with productive forces. In acquiring new productive forces men change their mode of production; and in changing their mode of production, in changing the way of earning their living, they change all their social relations. The hand-mill gives you society with the feudal lord; the steam-mill, society with the industrial capitalist.' (Marx and Engels, Vol. V, p. 564.)

'There is a continual movement of growth in productive forces, of destruction in social relations, of formation in ideas; the only immutable thing is the abstraction of movement.'

Speaking of historical materialism as formulated in *The Communist Manifesto*, Engels says:

'Economic production and the structure of society of every historical epoch necessarily arising therefrom constitute the foundation for the political and intellectual history of that epoch; ... consequently (ever since the dissolution of the primeval communal ownership of land) all history has been a history of class struggles, of struggles between exploited and exploiting,

between dominated and dominating classes at various stages of social development; ... this struggle, however, has now reached a stage where the exploited and oppressed class (the proletariat) can no longer emancipate itself from the class which exploits and oppresses it (the bourgeoisie), without at the same time forever freeing the whole of society from exploitation, oppression and class struggles....’

d) The third feature of production is that the rise of new productive forces and of the relations of production corresponding to them does not take place separately from the old system, after the disappearance of the old system, but within the old system; it takes place not as a result of the deliberate and conscious activity of man, but spontaneously, unconsciously, independently of the will of man. It takes place spontaneously and independently of the will of man for two reasons.

Firstly, because men are not free to choose one mode of production or another, because as every new generation enters life it finds productive forces and relations of production already existing as the result of the work of former generations, owing to which it is obliged at first to accept and adapt itself to everything it finds ready-made in the sphere of production in order to be able to produce material values.

Secondly, because, when improving one instrument of production or another, one element of the productive forces or another, men do not realize, do not understand or stop to reflect what social results these improvements will lead to, but only think of their everyday interests, of lightening their labour and of securing some direct and tangible advantage for themselves.

When, gradually and gropingly, certain members of primitive communal society passed from the use of stone tools to the use of iron tools, they, of course, did not know and did not stop to reflect what social results this innovation would lead to; they did not understand or realize that the change to metal tools meant a revolution in production, that it would in the long run lead to the slave system. They simply wanted to lighten their labour and secure an immediate and tangible advantage; their conscious activity was confined within the narrow bounds of this everyday personal interest.

When, in the period of the feudal system, the young bourgeoisie of Europe began to erect, alongside of the small guild workshops, large manufactories, and thus advanced the productive forces of society, it, of course, did not know and did not stop to reflect what social consequences this innovation would lead to; it did not realize or understand that this ‘small’ innovation

would lead to a regrouping of social forces which was to end in a revolution both against the power of kings, whose favours it so highly valued, and against the nobility, to whose ranks its foremost representatives not infrequently aspired. It simply wanted to lower the cost of producing goods, to throw larger quantities of goods on the markets of Asia and of recently discovered America, and to make bigger profits. Its conscious activity was confined within the narrow bounds of this commonplace practical aim.

When the Russian capitalists, in conjunction with foreign capitalists, energetically implanted modern large-scale machine industry in Russia, while leaving tsardom intact and turning the peasants over to the tender mercies of the landlords, they, of course, did not know and did not stop to reflect what social consequences this extensive growth of productive forces would lead to; they did not realize or understand that this big leap in the realm of the productive forces of society would lead to a regrouping of social forces that would enable the proletariat to effect a union with the peasantry and to bring about a victorious socialist revolution. They simply wanted to expand industrial production to the limit, to gain control of the huge home market, to become monopolists, and to squeeze as much profit as possible out of the national economy. Their conscious activity did not extend beyond their commonplace, strictly practical interests.

Accordingly, Marx says:

‘In the social production of their life (that is. in the production of the material values necessary to the life of men – J. St.), men enter into definite relations that are indispensable and independent of their will, relations of production which correspond to a definite stage of development of their material productive forces.’ (Marx, *Selected Works*, Vol. I, p 269).

This, however, does not mean that changes in the relations of production, and the transition from old relations of production to new relations of production proceed smoothly, without conflicts, without upheavals. On the contrary such a transition usually takes place by means of the revolutionary overthrow of the old relations of production and the establishment of new relations of production. Up to a certain period the development of the productive forces and the changes in the realm of the relations of production proceed spontaneously independently of the will of men. But that is so only up to a certain moment, until the new and developing productive forces have reached a proper state of maturity After the new productive forces have matured, the existing relations of production and their upholders – the ruling

classes – become that ‘insuperable’ obstacle which can only be removed by the conscious action of the new classes, by the forcible acts of these classes, by revolution. Here there stands out in bold relief the tremendous role of new social ideas, of new political institutions, of a new political power, whose mission it is to abolish by force the old relations of production. Out of the conflict between the new productive forces and the old relations of production, out of the new economic demands of society, there arise new social ideas; the new ideas organize and mobilize the masses; the masses become welded into a new political army, create a new revolutionary power, and make use of it to abolish by force the old system of relations of production, and to firmly establish the new system. The spontaneous process of development yields place to the conscious actions of men, peaceful development to violent upheaval, evolution to revolution.

‘The proletariat,’ says Marx, ‘during its contest with the bourgeoisie is compelled, by the force of circumstances, to organize itself as a class...by means of a revolution, it makes itself the ruling class, and, as such, sweeps away by force the old conditions of production....’ (*Manifesto of the Communist Party*, 1938, p. 52.)

And further:

‘The proletariat will use its political supremacy to wrest, by degrees, all capital from the bourgeoisie, to centralize all instruments of production in the hands of the State, i.e., of the proletariat organized as the ruling class; and to increase the total of productive forces as rapidly as possible.’

‘Force is the midwife of every old society pregnant with a new one.’ (Marx, *Capital*, Vol. I, 1955, p. 603.)

Here is the formulation – a formulation of genius – of the essence of historical materialism given by Marx in 1859 in his historic Preface to his famous book, *A Contribution to the Critique of Political Economy*:

‘In the social production of their life, men enter into definite relations that are indispensable and independent of their will, relations of production which correspond to a definite stage of development of their material productive forces. The sum total of these relations of production constitutes the economic structure of society, the real foundation, on which rises a legal and political superstructure and to which correspond definite forms of social consciousness. The mode of production of material life conditions the social, political and intellectual life process in general. It is not the consciousness of men that determines their being, but, on the contrary, their social being that

determines their consciousness. At a certain stage of their development, the material productive forces of society come in conflict with the existing relations of production, or – what is but a legal expression for the same thing – with the property relations within which they have been at work hitherto. From forms of development of the productive forces these relations turn into their fetters. Then begins an epoch of social revolution. With the change of the economic foundation the entire immense superstructure is more or less rapidly transformed. In considering such transformations a distinction should always be made between the material transformation of the economic conditions of production, which can be determined with the precision of natural science, and the legal, political, religious, aesthetic or philosophic – in short, ideological forms in which men become conscious of this conflict and fight it out. Just as our opinion of an individual is not based on what he thinks of himself, so can we not judge of such a period of transformation by its own consciousness; on the contrary this consciousness must be explained rather from the contradictions of material life, from the existing conflict between the social productive forces and the relations of production. No social order ever perishes before all the productive forces for which there is room in it have developed; and new, higher relations of production never appear before the material conditions of their existence have matured in the womb of the old society itself. Therefore mankind always sets itself only such tasks as it can solve; since looking at the matter more closely, it will always be found that the task itself arises only when the material conditions for its solution already exist or are at least in the process of formation.’ (Marx, *Selected Works*, Vol. I, pp. 269-70.)

Such is Marxist materialism as applied to social life, to the history of society.

Such are the principal features of dialectical and historical materialism.

There has always been a war between idealism and materialism. The most remarkable feature of dialectical materialism is that it simply steals the ultra idealist philosophy of Hegel (rationalist, dialectical idealism) and *inverts* it. It makes mind the supreme dialectical product of matter rather than making matter a dialectical, “alienated” construct of mind.

Humanity’s only experience and knowledge of the so-called objective material world is mental. Matter is a hypothesis of mind. Without mind, who

would ever be able to talk about the existence of matter? Materialism is a classic example of putting the cart before the horse. There is *prima facie* evidence that mind exists fundamentally (Descartes' *cogito ergo sum*), but not one shred of evidence that matter exists fundamentally.

Indeed, according to standard Big Bang theory, the material universe sprang from absolutely “nothing” – which implies of course that matter is an epiphenomenon of some quality or property associated with “nothing”. Only one thing can meaningfully be associated with dimensionless “nothingness” – *mind*. It plays no part at all in the definition of matter, which is said to be dimensional, extended and solid. Materialism, whether dialectical or scientific, simply begs the question.

The Difference Between Historical Materialism and Dialectical Materialism

“Historical materialism” has often been treated interchangeably with “dialectical materialism”. In fact, dialectical materialism refers to a general, abstract philosophy about nature while historical materialism is a specific application in the social, political and economic sphere.

Dialectical Materialism

“All nature, from the smallest thing to the biggest, from a grain of sand to the sun, from the protista to man, is in a constant state of coming into being and going out of being, in a constant flux, in a ceaseless state of movement and change.” – Friedrich Engels, *Dialectics of Nature*.

Dialectical materialism is a theory of the general and abstract factors governing the evolution of nature, society, and thought. It asserts that the universe is an integral whole in which everything is interdependent. The material universe is more like an evolving organism than a machine full of separate parts (as in scientific materialism). The dialectical cosmos is in a state of constant motion. Dialectical materialism asserts the priority of matter over mind and insists that matter is continually changing via dialectical processes. Dialectical materialism is a version of *hylozoism*: matter is essentially alive and striving dialectically for higher states. This is a teleological version of materialism. Scientific materialism, on the other hand, is all about dead, machine-like matter, with mind and life mysteriously

“emerging” from lifeless, mindless matter. Matter, in this view, has no purposes, is not striving for anything and is wholly unteleological.

Can any materialist defend scientific materialism over dialectical materialism? Of the two versions of materialism, dialectical materialism is vastly superior. In fact, dialectical materialism stands half way between idealism and scientific materialism.

Dialectical materialism is much closer to the holistic quantum mechanical worldview than classical clockwork deterministic physics is.

Dialectical materialism is all about insignificant and imperceptible *quantitative* changes leading to fundamental, *qualitative* changes. Like the phase transition of water to steam at a specific temperature, qualitative changes occur abruptly at a certain critical point, with one state giving rise to a very different state.

“Merely quantitative differences, beyond a certain point, pass into qualitative changes.” – Marx

In dialectical materialism, all things contain within themselves dialectical contradictions. These are the causes of motion, change, and development in the world as everything seeks to resolve its own contradictions. The “omega point of perfection” is attained when all contradictions are successfully resolved.

Historical materialism is the application of the dialectic to history (to politics, economics, culture, psychology, sociology and art.) It can be called the Marxist theory of history and society and its central tenet is that ideas and social institutions develop solely as the *superstructure* of economics, i.e. the prevailing materialist economic system determines society, and even how and what people think.

Therefore, humanity can never be optimized until it has optimized its economic system. For Marx, Communism was the omega point of dialectical economics, where all economic contradictions have been resolved. In Illuminism, Meritocracy and 100% inheritance tax provide the true conclusion of dialectical economics. Free-market capitalism, for both Marxism and Meritocracy, is the central dialectical obstruction that must be overcome before humanity can reach its omega point.

Economics, for Marx, was all about class struggle, about the capitalist and landowning classes seeking to oppress and exploit the proletariat and peasantry. This economic class struggle – the conflict between rich and poor

– is the central dynamic of history. In other words, in terms of humans and their history, dialectical materialism had manifested itself through economic class struggle for wealth and power. Specific leaders of various class movements have merely been instruments of inexorable historical dialectical forces, i.e. the dialectic was bound to create such people. They became vectors for these forces and thus *world-historic figures*.

Marxist Dialectical Materialism is essentially Hegelian Idealism treated from the materialist perspective (making matter primary and matter secondary, rather than the other way around). Marx openly said that he had “turned Hegel’s dialectics upside down.”

Hegel, following Heraclitus, insisted that all change, historical growth and evolution arise from the struggle of opposites. Nietzsche, a great admirer of Heraclitus, arrived at a similar position with his concept of Will to Power – endless centres of power in ruthless competition with each other. Even scientific materialist Darwinism can be embraced in these terms.

Nietzsche, no fan of Hegel, has a philosophy that can in fact be viewed as an atheist’s version of Hegelianism (with Will to Power replacing Hegel’s *Geist* (mind/spirit)), just as Marxism is a materialist (and also atheist) version of Hegelian idealism driven by dialectical materialism rather than dialectical idealism or Will to Power.

Consider one of Nietzsche’s most apocalyptic statements:

“What I relate is the history of the next two centuries. I describe what is coming, what can no longer come differently: the advent of nihilism. This history can be related even now; for necessity itself is at work here. This future speaks even now in a hundred signs, this destiny announces itself everywhere; for this music of the future all ears are cocked even now. For some time now, our whole European culture has been moving as toward a catastrophe, with a tortured tension that is growing from decade to decade: restlessly, violently, headlong, like a river that wants to reach the end, that no longer reflects, that is afraid to reflect.”

You see how he posits an omega point – the advent of nihilism – in the current phase of human development. He sees it as an historical inevitability: a highly Hegelian dialectical position.

Nietzsche wrote his prophecy towards the end of the nineteenth century.

The world wars of the twentieth century delivered part one of his vindication. In this century – the twenty-first – the final resolution of human history will arrive. Tortured tensions are apparent everywhere. Everything is rushing headlong towards the end. Moreover, we have an enormous accelerator – the *internet*.

The internet will eventually bring about an immense convergence on one system, the dialectically inevitable omega point of human history. That end point is meritocracy based on social capitalism. There will be no more privileged global elites. The great religions will collapse under their own hypocrisy, ineffectuality, and downright unbelievability. They will be replaced by the sole Logos religion that intelligent people can rationally defend – *Illuminism*.

The Eastern Delusion for Western Suckers

RR: “Hindus, according to the Vedas, say that God is Omnipresent. God cannot be inside creation or it is not God. God cannot be outside creation, or who (or what) created God? Therefore God *is* everything everywhere. The point here is that it’s a misconception to think Hindus believe they will ultimately lose themselves in God. Because they already are God in the sense that everything is God ... there is nowhere that God is not. What they lose is the illusion of their separation from God.”

This is a typical message from those who have no understanding at all of Eastern religion, and yet proclaim (self-proclaim) themselves as experts. Even worse, it shows a staggering basic lack of logic. It’s asserted that God cannot be “inside creation or it is not God”. Well, most people believe that the soul is in some sense “in the body”. Does that make it any less a soul? So why can’t God be inside his Creation and *still* be God? Then it is asserted that God cannot be *outside* Creation. But God’s externality to Creation is *exactly* the claim made by Abrahamists, so it’s therefore a commonly held belief which all Abrahamists find perfectly logical. If God is outside Creation then why does the question of “who created God” immediately raise itself? After all, there are many classical philosophical arguments put forward to indicate that God, logically, *must* be outside Creation.

What meaning can be attached to the statement that “God is everything everywhere”? Isn’t this just mystical claptrap? Where is the science, philosophy or mathematics to uphold such a statement? If God is indeed “everything everywhere” then in what sense can any individual Hindu even exist?

If an individual Hindu does *not* become “lost in God” as we assert but, rather, loses “the illusion of his separation from God” as RR asserts, then what is the individual’s status in relation to all the other Hindus who are equally *not* lost in God but neither are they separate from God? Are we talking about *one* God or *infinite* Gods? RR certainly doesn’t provide an answer.

RR tells us that Hindus are subject only to the “illusion” of separation. Well, where did this illusion come from? If they are all God and God is all that exists then the only possible conclusion is that they subjected *themselves* to the illusion that they are not God. Which is a staggeringly dumb

suggestion to make and makes God clinically insane. If Hindus actually believed that (and obviously they don't) then Hinduism would be even madder than Abrahamism.

RR is typical of the legions of ignorant, irrational clowns who think they have a great understanding of religion when in fact they have no understanding at all. Sadly, that doesn't stop them from trying to spread their idiotic beliefs, their endless misunderstandings and misconceptions. If you're going to attack our position, try to know what you're talking about and be capable of exhibiting a modicum of logic and reason. RR, with his statement, simply begs countless questions and exposes the horrendous illogicality of Hinduism. Rather than accusing us of misinterpreting Hinduism, RR ought to ask whether Hinduism makes any sense at all.

AS: "I agree with you RR ... everything is God, God is everything ... to disparage the ancient belief systems makes no sense ... only to adopt another system of thinking that is perhaps more grandiose .. The answer is that all is One ... one divine living organism ... everything is alive ... Give credit to those who came before us and tried to figure it out. Nobody ... nobody really knows the absolute truth. The absolute truth simply is."

You see how infectious this problem of mystical mumbo jumbo is? We are told by AS that we should not disparage ancient belief systems and that it makes "no sense" to do so. So, according to this "logic", we should accept that the Earth is flat, that the Sun revolves around the Earth, that "God" created the world in six days and rested on the seventh, that Thor's hammer causes thunder, and so on. After all, these are all ancient beliefs and AS prohibits us from criticising them. For AS, modernity is wrong, progress is false, cave people understand reality far better than we do, reason, logic and education are pointless and we should worship the beliefs of our ancient ancestors since, being ancient, they were obviously much smarter than we are. Frankly, AS, you're retarded! You ought to sign up to the religion of *Retardianity*. We don't give any credit at all to ignorant fools of the past who invented Mythos nonsense about reality and found plenty of irrational suckers (like AS) willing to believe them. Don't worry, AS, you will never "get" Illuminism, so you should just stick to your tried and tested ancient lies and delusions that you find so reassuring and comprehensible.

AS trumpets her "truth" that "the answer is that all is One ... one divine living organism." If this were true, whence evil, whence conflict, whence free

will, whence individuality, whence self-consciousness, whence difference? Why does this single living organism behave as if it were countless living organisms all ferociously competing with each other? Like RR, AS merely begs the question and hides behind obfuscation and mumbo jumbo.

AS grandiosely asserts: “Nobody really knows the absolute truth. The absolute truth simply is.” If the absolute truth “is” then why can’t it be known? And if nobody knows what absolute truth is then how can the statement that “absolute truth *is*” make any possible sense? If we don’t know what absolute truth is then we can’t say anything about it, including whether or not it exists. You can debate absolute truth *only* when you have defined it. Otherwise, what are you talking about? We have defined absolute truth as the Principle of Sufficient Reason and the ontological mathematics that enshrines that principle. We have contempt for those who hide behind ludicrous, irrational statements of mysticism and obscurantism.

What’s for certain is that RR and AS have no contact, and never will have any contact, with the rational, absolute truth of existence. The idea that existence isn’t, foundationally, 100% rational and mathematical is absurd. What kind of person would claim that the universe is inherently irrational? If they did make such a claim, it would be pointless to listen to anything they said since all of their comments and observations would ipso facto be irrational gibberish. If the universe *is* rational – which it self-evidently is – then any rational person can work out how existence works. It’s that simple. It’s not our fault that billions of people are irrational and prone to emotionalism, mysticism and Mythos. What we can say, unambiguously, is that these people don’t have a single, relevant contribution to make for the quest for absolute truth. They prefer to hide behind the veil of ignorance.

I: “Actually, there are many views within Hinduism itself: *advaita*, *dvaita*, *dvaitadvaita*, *suddhadvaita*, *visistadvaita*, *acintya bheda-abheda*, reflected in the various schools of thought like *mayavada*, *brahmavada*, *sunyavada*, the (Gaudiya) Vaisnava tradition and so on. The Illuminist comments apply to those systems of thought closest to Buddhism, like Sankaracarya’s *mayavada* philosophy, which preaches a merging or dissolving of the sense of individuality into *brahman*. Devotional sects (those who practise *bhakti-yoga*) believe the *jiva* becomes an eternal servant of God, as his friend, parent or lover. So in that case individuality is maintained, so the soul and God can have a relationship. It’s a charming idea, but not based on reality.”

Eastern Religion

Let's be clear about this. While we respect various intuitions of Eastern religion and agree with reincarnation, we find much of Eastern religious theology appalling and ridiculous, mere irrational mysticism. Just as there are countless Protestant sects (*all* of them preaching irrational nonsense), so there are countless Hindu and Buddhist sects. The very fact that so many different sects exist proves conclusively that no one who has the slightest idea of what these religions mean. They can mean anything you want them to mean, and that means they're meaningless. It's precisely because nothing is properly defined in Hinduism and Buddhism that they can mean all things to all men. Mathematics alone provides precise, analytic, eternal, immutable truths. You're a fool if you think anything else can compete with mathematics. If you hate mathematics, too bad. The truth isn't for everyone, and it's not for you.

We shall apply much needed Western rationalism to Eastern mysticism and clarify exactly what's going on. The key to Eastern thinking is the difference between *atman* and *anatman*, and how each of these relates to "God".

Atman versus Anatman

In Hinduism, "atman" means the essential Self, the primordial, eternal, immortal soul. In Buddhism, "anatman" means the "not-self" or the illusion of "self".

Buddha taught that there is no essential Self (no atman). The things perceived by the senses (including, crucially, the mental sense of identity) are not "mine" and do not relate to "I". Therefore, one should not identify with them and cling to them, and, if one does, suffering will be the only result.

The primary philosophical difference between Hinduism and Buddhism resides in this dichotomy between atman and anatman. Hindus see the Self/Soul as something real and enduring, and Buddhists as transient and illusory.

Some Hindu thinking uses atman in the context of consciousness and anatman in the context of the unconscious, which is rather like Jung's distinction between the conscious ego and its unconscious shadow. Hinduism also speaks of "Paramatman" – the Absolute Atman or Supreme Soul or Spirit, which is also known as Supersoul or Oversoul. Paramatman is the true

“Primordial Self” or the “Self Beyond” and is more or less identical with Brahman, the Absolute. It might also be equated with the Jungian Self. However, *selflessness* is said to be the key attribute of Paramatman, where all personality and individuality vanishes. This “annihilation of Self” makes Paramatman suspiciously like the Buddhist anatman since what’s the point of being a Selfless Self? Is that concept even logically coherent?

It’s much easier to understand Hinduism and Buddhism via the philosophy of Schopenhauer, which is an enormously more coherent account of Eastern thinking than any Easterner ever managed to produce.

Schopenhauer posits a single cosmic, noumenal Will outside space and time (a cosmic Life Force, so to speak), of which all “individual” wills are phenomenal manifestations. Although we imagine we are individuated, we are not: it’s an illusion. Our death restores us to the single noumenal Will. In this sense, Schopenhauer is on the Buddhist side. The will of the individual is anatman – there is no permanent underlying Self.

Of the atman, Wikipedia says, “Ātman is a Sanskrit word that means ‘self’. In Hindu philosophy, especially in the Vedanta school of Hinduism, Ātman is the first principle, the true self of an individual beyond identification with phenomena, the essence of an individual. In order to attain salvation (liberation), a human being must acquire self-knowledge (atma jnana), which is to realize that one’s true self (Ātman) is identical with the transcendent self Brahman.”

If the Hindu atman is real then it implies that it can become God (or Brahman) when it attains moksha (enlightenment) and understands its true nature, stripped of all illusions. But this means that *every* such atman can become God, so there must be countless Gods. But isn’t there only one Brahman? It’s hard to equate this community of atman-Gods with a nebulous, cosmic, unitary Selfless Brahman. Hinduism seems to start off radically differently from Buddhism, yet arrives at the same vague destination where the Self has vanished into some cosmic Oneness, a collective Atman, so to speak, in which single atmans no longer meaningfully exist.

In order to achieve moksha, a human being is required to realize that one’s true self (atman) is identical with the transcendent Self (paramatman, which is essentially the same as Brahman). However, this looks more like a realisation that your individual Self (atman) is actually illusory and your “real” Self is that of Brahman (which is beyond Self, or is a Collective Self or Oneness, like Schopenhauer’s Cosmic Will, or Jung’s Collective

Unconscious).

If all individual selves coalesce into one Self then there was never anything other than a single noumenal Self (World Soul) to start with, and all “individual” selves were mere phenomena and illusions. To this extent, Buddhism provides a logical correction of Hinduism (which was probably Buddha’s original intention).

If there are infinite autonomous selves (souls), as in Illuminism, then they *do not* coalesce into a single noumenal soul. They generate a Community of Gods, a Society of the Divine.

Brahman

Wikipedia says of the Hindu Brahman:

“[Brahman] is the ultimate reality; the phenomenal universe, its origin, and support are all identical to it. Brahman, sometimes referred to as the Absolute and other times as Godhead, is the principle of all existence, in and beyond this universe. Brahman is conceived as personal, impersonal and/or supreme depending upon the philosophical school.

“The sages of the Upanishads teach that Brahman is the ultimate essence of material phenomena that cannot be realized through the senses but can be known through the development of self-knowledge (atma jnana). According to Advaita, a liberated human being (jivanmukta) has realised Brahman as his or her own true self (see atman).

“The Isha Upanishad says:

Aum – That (Brahman) is infinite, and this (universe) is infinite. That infinite proceeds from this infinite. If you subtract the infinite from the infinite, the infinite still remains infinite.”

When we learn that Brahman can be conceived as “personal” or “impersonal”, “in and beyond this universe”, and so on, we see that Brahman is an extremely poorly defined concept onto which anyone can project anything they like. It’s ripe for mystical exploitation by manipulative, cynical “gurus” and “sages” (of which the East has always generated more than its fair share).

Parambrahman

If you thought Brahman was the highest reality in Hinduism, well, you’re

wrong. Just as there is a *paramatman* beyond atman, so there's a *parambrahman* (or parabrahman) beyond brahman.

Wikipedia says, “ParaBrahman (Sanskrit) [from para beyond + Brahman (neuter) universal self or spirit] – That which is beyond Brahman. The self-enduring, eternal, self-sufficient cause of all causes, the essence of everything in the cosmos. In the Vedic style of writing, ParaBrahman is referred to as tat (*that*) as opposed to the manifest universe called idam (*this*). ParaBrahman means Supreme Brahman, or Supreme Cosmic Spirit, or Godhead. Although an ineffable entity, it could be said to be that which contains and pervades the universe. ParaBrahman, from beyond, encompasses the transcendent and immanent ultimate reality, Brahman. The Absolute Truth is both subject and object, so there is no qualitative difference. Terms like Parameshvara, Ishvara, Bhagavan, Brahman, Paramatma are held to be synonymous with ParaBrahman. Shaktas consider Adi parashakti considered as power of ParaBrahman. Hence considered to same. So actually Adi parashakti who does anything (creates, preserve or destroy) on behalf of ParaBrahman because ParaBrahman is static and Adi Parashakti is dynamic essence.”

So, is that crystal clear? *Not!* Now, while Brahman and Parambrahman seem to be rather abstract and impersonal, there are also those who talk of the *Parambrahma*, which, according to some is a “person” (such as Lord Krishna) who tops even parambrahman.

According to *Bhagavad Gita* 10.12-13, “Arjuna said: You are the Supreme Personality of Godhead, the supreme Ultimate Truth, the most sacred. You are the eternal, transcendental, original person, the unborn, the greatest. All the great sages such as Nārada, Asita, Devala and Vyāsa confirm this truth about You, and now You Yourself are declaring it to me.”

Madhvacarya's commentary on this says, “The brahman or spiritual substratum pervading all existence is entirely complete within itself. This is why the Supreme Lord is called param brahma or the Supreme Brahma because He is even more superior. Since it assumes unlimited forms it is known as omni-present. The Varuna Purana states: All pervading, the energiser, the first before all, the Supreme Lord verily expands Himself as unlimitedly and by His will He becomes the many.”

Sridhara Swami's Commentary says, “Wishing to know in more and more detail about Lord Krishna's vibhuti or phenomenal transcendental opulence which have briefly been stated previously, Arjuna praises the Supreme Lord Krishna in this verse and the next six specifying that He alone is param

brahma the Supreme Ultimate Truth, the absolute Lord of all and param dhama the Supreme Ultimate Absolute Abode of all. The most holy, the most sacred, the most exalted, the pinnacle of attainment. Why is this so? Because the Vedas sing His glories and call Him resplendent, self-effulgent, eternal and everlasting. Without a beginning, omniscient, omnipotent and all pervading. The primeval Lord of all lords, the primordial God of all gods, the source of every and any and all conceivable divinity. Who claims this so? All the mahatmanas or great liberated sages such as Asita, Devala and Bhrgu as well as avatars or divine incarnations such as Narada and Vyasa. And now Lord Krishna is revealing this as well.”

There's a sense in which Hinduism, like the satirical band *Spinal Tap*, always has room for “11” on its spiritual “amplifier” – 11 being that which is one notch up from the maximum limit attainable for anyone else. Whatever you aim for, Hinduism can always trump you. It's a “bad infinity” religion that fails to define a “good infinity”.

Hinduism is never quite clear if it's about ultimate reality as an abstraction (Brahman) or a person (e.g. Krishna). The formulation atman = Brahman is extremely confusing since atman is a person and Brahman isn't. Sense can be made of this type of thinking only by appealing to Western philosophical notions such as *phenomenon* and *noumenon*. In Schopenhauer's philosophy, the appropriate formulation would be:

Countless phenomenal selves (atmans) = one noumenal Will (Brahman) – a cosmic Anatman.

That is, there's only one true entity – a noumenal, impersonal life force outside space and time that manifests itself as ceaseless Will to Exist. However, through the prism of space and time – which leads to *individuation* – the noumenal Will can be perceived as though it were divided up into countless individual phenomenal wills, each of which is subject to the delusion that it's an enduring person (atman). At death, all of these phenomenal selves vanish back into the cosmic noumenal Will (Anatman) and vanish forever, but they are simply replaced by new phenomenal selves, and so on without end.

If Hindus and Buddhists were remotely philosophical and rational, they would all be advocates of Schopenhauer's ultra-pessimistic worldview. Schopenhauer, a Westerner, was the only person ever to make sense of

Eastern thinking!

Any Westerner who imagines he can do better than Schopenhauer is a fool. Don't bother with the Buddha or the holy texts of Hinduism – just read Schopenhauer if you want the real dope on what Eastern thinking actually means.

Brahman and Dharmakaya

The Buddhist concept of *Dharmakaya* is sometimes likened to Brahman. Wikipedia explains the Dharmakaya in terms of the Trikāya doctrine:

“The Trikāya doctrine (Sanskrit, literally “Three bodies”) says that a Buddha has three kāyas or bodies:

- 1.The Dharmakāya or Truth body which embodies the very principle of enlightenment and knows no limits or boundaries;
- 2.The Sambhogakāya or body of mutual enjoyment which is a body of bliss or clear light manifestation;
- 3.The Nirmāṇakāya or created body which manifests in time and space.”

Wikipedia says of Dharmakaya: “The Dharmakāya (lit. “truth body” or “reality body”) is one of the three bodies (Trikaya) of the Buddha in Mahayana Buddhism. Dharmakaya constitutes the unmanifested, ‘inconceivable’ aspect of a Buddha, out of which Buddhas arise and to which they return after their dissolution. Buddhas are manifestations of the dharmakaya called nirmanakaya (Transformation body). One Buddhist scholar writes of it as: ‘the body of reality itself, without specific, delimited form, wherein the Buddha is identified with the spiritually charged nature of everything that is.’”

Dharmakaya has been described as being outside the range of thought, “where words turn away”. Given the sheer mysticism of this concept, it's no wonder that it has been compared to the equally mystical Brahman. What's curious about it is that it's called a “body” – a clearly delimited entity in space and time – and plainly it isn't. This is a prime example of where Buddhism introduces layer after layer of mysticism to obscure its blatant philosophical, scientific and mathematical inability to precisely define itself. If in doubt, thinks Buddha, simply proclaim a statement about something being “beyond thought” (in which case, it cannot exist in a rationalist

universe where everything real can be rationally defined).

Sorry, in the final analysis, Buddha was a total charlatan, no different from Moses, Jesus Christ and Mohammed.

“What is rational is real and what is real is rational.” – Hegel

Eastern thinking has never been subjected to the fierce criticism of Western analytical thinking in the same way that all Western philosophies and religions have been. If it had, it would have disintegrated as surely as Abrahamism. Eastern thinking shrouds itself in mysticism, paradox and obfuscation that no Western thinker would ever take seriously.

As we said, read Schopenhauer if you want a sensible philosophical take on Eastern thinking. Definitely don't read Buddha, an utterly inept ancient “philosopher” (any ancient Greek pre-Socratic thinker was enormously smarter!).

We always find it amusing when fans of Eastern thinking criticize our “understanding” of their mystical beliefs and the gnostic statements of the Buddha. Eastern thinking contains powerful intuitions expressed utterly incoherently, without any logic, mathematics or science. Anyone who thinks Eastern thinking can be intellectually defended is deluded. It's full of confusion, contradiction, incoherence, and rival interpretations. There's no set position, no incontestable set of truths to be defended. It's a mystical, emotional vision, not philosophy.

What we set out to do is to present and criticize it in terms of philosophy. We don't care whether we offend Eastern thinkers or if they feel we have misrepresented their beliefs. The whole point is that there is no definitive view of what Eastern thinking is, and many of the most popular interpretations are the most mystical and obscurantist. People quote paradoxes to us as if they are Abrahamic holy writ. Eastern paradoxes are, more often than not, mystical bullshit. They reveal ignorance, not clarity of thought or power of intuition. All the people who are upset by our comments are people who aren't up to speed with philosophy and critical thinking and belong to the ranks of the credulous and gullible. They are people with an emotional attachment to their belief system, and, like Luther, they reject reason since it gets in the way of their infantile nostrums.

The Sure Thing

Whenever you hear a “guru” emphasizing the mystery of something, its

paradoxical nature, its ineffable qualities, how it's radically unknown and unknowable, you can be sure that he's either using rhetoric to dazzle and manipulate you, or he's bullshitting you because he literally doesn't know what he's talking about it.

Mathematics, of course, is the antidote to bullshit and mystical claptrap. Mathematics is all about learning the secrets of existence, of attaining absolute, unarguable, analytic knowledge. Mathematics is the opposite of Eastern obfuscation. The Indians are credited with introducing the number zero. It's a shame they didn't use mathematics to wipe out Eastern mysticism. Had they done so, they would have become champions of the mathematical religion of *Illumination*.

It's time to cast down Eastern mumbo jumbo and raise up mathematics in its place.

The Grace of God

“In Christian theology, grace has been defined as ‘the love and mercy given to us by God because God desires us to have it, not because of anything we have done to earn it’, ‘the condescension or benevolence shown by God toward the human race’. It is understood by Christians to be a spontaneous gift from God to man – ‘generous, free and totally unexpected and undeserved’ – that takes the form of divine favour, love and clemency.

“It is an attribute of God that is most manifest in the salvation of sinners. Christian orthodoxy taught that the initiative in the relationship of grace between God and an individual is always on the side of God. Once God has reached out in this ‘first grace’ or ‘prevenient grace,’ each person may accept or reject this grace. The Calvinist doctrine known as irresistible grace states that, since all persons are by nature spiritually dead, no one desires to accept this grace until God spiritually enlivens them by means of regeneration. God regenerates only individuals whom he has predestined to salvation.

“The question of the means of grace has been called ‘the watershed that divides Catholicism from Protestantism, Calvinism from Arminianism, modern [theological] liberalism from [theological] conservatism.’ The Roman Catholic Church holds that grace is infused in a particular way (though by no means the only way) through sacraments, while Protestantism almost universally believe that Grace is given by God based on the faith of the believer as a gift. Ephesians 2:8; ‘For by grace you have been saved through faith, and that not of yourselves; it is the gift of God’. Lutherans hold

that the means of grace are ‘the gospel in Word and sacraments’. That the sacraments are means of grace is also the teaching of John Wesley, who described the Eucharist as ‘the grand channel whereby the grace of his Spirit was conveyed to the souls of all the children of God’. Calvinists emphasize ‘the utter helplessness of man apart from grace.’ Arminians understand the grace of God as cooperating with one’s free will in order to bring an individual to salvation. According to Evangelical theologian Charles C. Ryrie, modern liberal theology ‘gives an exaggerated place to the abilities of man to decide his own fate and to effect his own salvation entirely apart from God’s grace.’ He writes that theological conservatives maintain God’s grace is necessary for salvation.”

Is there a more bizarre, perverse and disgusting concept than grace? According to this nauseating doctrine, human beings are helpless beasts who can accomplish nothing of good without “God” first bestowing some sort of magic fairy dust called “grace” on them.

Well, no thanks, we don’t want any fucking grace! What the moronic Abrahamists need is reason, not grace.

“Grace” is the ultimate trick of masters to dominate slaves. “Grace” says that it’s impossible for slaves to accomplish anything, to do anything good and constructive through their own efforts. They are 100% dependent on their divine master, and unless he arbitrarily chooses to bestow grace on them then they are irrevocably evil and damned to hell.

Anyone who believes in the doctrine of grace ought to be expelled from the human race! “Grace” is the quintessence of the slavery of Christians to their Torture God.

Here is wisdom: there is no Christian Creator God, no grace, and humans are entirely responsible for their own salvation. It has zero to do with anyone else.

Get off your knees. Forget the magic dust. Stand up straight – like human beings. If you think you are powerless to take responsibility for your own lives, kill yourselves. You are of no use to anyone. You are a liability to humanity. It’s time for the human race to start weeding out the slaves who worship alien, Satanic powers.

Humanity holds its destiny in its own hands. No one else is coming. No one else is necessary. It’s all about us and what we can achieve.

“None amongst you can get into Paradise by virtue of his deeds alone ... not

even I, but that Allah should wrap me in his grace and mercy.” – Mohammed
Destroy faith! Destroy grace! Destroy Abrahamism! Destroy slavery!
Destroy the Torture God!

The Christian Con

Christians believe that a Jew called Yehoshua ben Yosef (aka Jesus Christ) came to “save” them. But save them from what? Well, from the “Original Sin” of Adam and Eve’s disobedience and the consequent sentence of hell imposed on the whole of humanity. Who imposed this sentence? Jesus Christ himself, of course, since Jesus Christ is God the Son, also “God” since Christianity is, as we all know, a monotheistic religion!.

To take this seriously, you have to accept all of the following:

- 1) Jesus Christ Created the world.
- 2) Jesus Christ created Adam from clay and Eve from one of Adam’s ribs.
- 3) Adam and Eve were obliged to obey Jesus Christ.
- 4) Adam and Eve committed the worst possible crime by disobeying Jesus Christ.
- 5) This crime deserved not only the death penalty but the sentence of hell for Adam and Eve.
- 6) In fact the sin’s magnitude was so great that it required the whole of humanity – all of the descendants of Adam and Eve – to go to hell too.
- 7) The only way for this outcome to be prevented was for Jesus Christ to be killed on a cross for “our sins”.
- 8) The self-sacrifice of God lifted the sentence of hell not from all of humanity, but only for those who believed in Jesus Christ.
- 9) Anyone who rejected Jesus Christ would go to hell, just as before.

So, have you bought into all of that? You cannot be a Christian if you accept any of the following:

- 1) The universe has no Creator.
- 2) Adam and Eve were descended from a proto ape (the theory of evolution).

- 3) Adam and Eve did not carry out any act of disobedience (there never was any Eden, nor any Tree of Knowledge, nor any serpent).
- 4) Adam and Eve were not anyone's slaves and didn't have to be obedient to anyone.
- 5) Assuming that Adam and Eve were as described in the Bible, their act of "disobedience" was trivial and should have been forgiven.
- 6) Their act did not constitute any kind of cosmic crime.
- 7) Their act did not deserve the death penalty.
- 8) Their act did not deserve the sentence of hell.
- 9) Their act did not deserve the collective punishment of humanity in hell forever.
- 10) It's immoral to punish the descendants of Adam and Eve for any act committed by Adam and Eve. No one can be held morally accountable for an ancestor's conduct.
- 11) To lift the sentence of hell on humanity, all that was required was for Jesus Christ to forgive humanity. After all, he's supposed to be the God of love, compassion and forgiveness.
- 12) There was no need at all for anyone to be killed on a cross. Such an event could have no conceivable consequences for the human race.
- 13) What kind of "God" punishes people forever for refusing to believe in him? Is lack of belief a crime punishable in hell forever by order of a loving, compassionate God?

Christianity, if you think about it seriously, is insane. It says that the God of love, equipped with perfect foresight, created the human race in order to send them all to hell (because he foresaw the disobedience of Adam and Eve and the sentence he would impose on them). He also foresaw that he was going to have himself crucified on a cross to save all those willing to believe in him, but he could simply have forgiven humanity and then there was no need at all for him to die on a cross.

The final absurdity is that you cannot save yourself, and you cannot believe in Jesus Christ, unless he himself confers grace on you, which he does entirely randomly via predestination. So, his death on the cross was

absolutely meaningless because it had no impact at all on whether you believed in him or not. The only thing that can make you believe in Jesus Christ is the grace of Jesus Christ! So, Christ's virgin birth, death on the cross and resurrection count for nothing at all. The only thing in Christianity that actually matters is whether Jesus Christ chooses to bestow grace on you, or not. If he does, you go to heaven and if he doesn't you go to hell.

Nothing you can do makes any difference. You are literally a contestant in a heaven-hell lottery. If you have no faith at all in Jesus Christ, you "know" you've lost. Even if you think you believe, you might be kidding yourself and may be holding a losing ticket. Only when you die do you find out for sure how the lottery played out for you.

Only deranged people would *ever* subscribe to Christianity. It's not a religion, it's the wheel of fortune with heaven for a few predestined winners, and hell for everyone else. You'd need to be sick to sign up. Two billion humans alive today are sick enough, and almost all of them don't have the "good" tickets they think they have. They're not the "saved", they're the *damned*.

Market Dominance

Huge players in global capitalism (aka corporate gangsterism) routinely order their suppliers to reduce their prices by 10%, almost bankrupting them. How can anyone believe that this form of capitalism is healthy. Any "little guy" who stands up to the "big guy" gets crushed. Contracts are withdrawn and the supplier goes bust. In effect, big corporations are making their suppliers an "offer they can't refuse." Capitalism makes sense only where *all* of the players are of comparable size and no one can bully anyone else.

The Definitional Universe

The only things that are true for sure are true by definition. It's true, for example, that a bachelor is an unmarried man. That's what the word means! Wittgenstein asserted that mathematics had nothing to say about the world because it was simply a self-contained, self-referencing system of tautologies.

In ontological mathematics, that's the whole point! If the universe is 100% mathematical then those tautologies about which Wittgenstein was so dismissive become the immutable, eternal Platonic foundations of existence. They are incontestably, unarguably, absolutely true. And true for all time.

The whole of mathematics can be worked out from any part of

mathematics. Mathematics is a holographic system! The whole is made up of all the parts, and the whole is in any part since the whole is implicit in any of these irrevocably interlocked elements. The whole of mathematics stands together. Not a single block can be removed.

Ultimately, mathematics can be reduced to a single tautology: $0 = 0$. The equals sign itself is the supreme indicator of tautology.

Illuminism asserts that the only things that are true without any question are those things linked by the equals sign. As soon as the equals sign comes into play, any expression can be reduced to $0 = 0$. For example, $5 = 3 + 2 \rightarrow 5 - 3 = 2 \rightarrow 5 - 3 - 2 = 0 \rightarrow 0 = 0$. Q.E.D.

Anything that does not reduce to $0 = 0$ is an opinion, a belief, an interpretation, an assertion, a conjecture, an estimate, a model, an approximation, a simulacrum, pure subjectivity.

The only objective truths – the only ones you can take to the cosmic bank of absolute certainty – are those of $0 = 0$. What could be simpler? What could be more elegant and beautiful?

Big Bang theory says that the universe came from “nothing”. That’s exactly right. It came from $0 = 0$, and it involved countless different ways of writing $0 = 0$, with very long expressions on either side, but always cancelling to zero.

Existence is nothing but the tautological expression of nothing. It’s just the writing of $0 = 0$ in myriad ways. $0 = 0$ is the ultimate conservation law of the universe. It’s the ontological basis of the First Law of Thermodynamics and the First Law of Motion. It’s why the ground state of the universe is *always* zero.

Existence is nothing other than nothing existing in a certain way. The universe is always nothing. What we call “something” is simply an expression on one side of an equals sign that is exactly balanced by another expression on the other side.

The universe, the soul, God, life, free will, consciousness – they are all just different expressions of nothing at all.

What is the great secret of existence? It’s defined by nothing. It is nothing. We are all nothing. And how could it ever be otherwise? There’s no sufficient reason for existence to be defined by any arbitrary number. It can be defined only by zero or infinity, and these are simply two sides of the same coin. They’re inextricably linked. Each is involved in the definition of the other.

Zero and infinity define everything, and they allow everything in between to exist. We are all locked into this system *forever*.

You can check out any time you like, but you can never leave.

The Lucifer Question

SH: “I would love to hear how the objective mathematics of Illuminism proves that Lucifer’s name is Lucifer and that Lucifer is real.”

So, here are the areas involved in answering such a question:

- 1) The difference between *objective* and *subjective* mathematics. (SH’s question reflects *zero comprehension* of everything we have said about the zero/infinity Cartesian domain of mind, and is exactly the sort of question that would come from an advocate of the empiricist materialist Meta Paradigm of science that dismisses mind, life, consciousness and free will, and characterizes existence as a mechanical machine; all process and no purpose.)
- 2) The phenomenon of bicameralism and the origin of the “hallucinated voices of the gods”. Can such voices be *real* rather than hallucinated?
- 3) Universals and particulars. Can something be *both*?
- 4) Rupert Sheldrake’s morphic resonance.
- 5) *Static* Platonic Forms versus *Dynamic* Platonic Forms.
- 6) *Holographic* communication (any part can link to the whole instantaneously: everything is in fact contained in a *single point* – the existential, cosmic Singularity).
- 7) Jung’s Collective Unconscious and Archetypes: are these to be taken as a Mythos joke or do they refer to actual, objective existents? If they are real then *how* are they real? How did they come about? By what mechanism do they exert their influence? Can the Jungian shadow, which we all have, become optimized in a specific being and become the cosmic archetype into which we all tune and which influences all of us to a greater or lesser degree? Plato contended that we understand justice, for example, only to the extent that we make rational contact with the perfect Form of Justice. Is Plato scientifically preposterous or one of the greatest geniuses who ever lived? “Lucifer”, in Platonic terms, is simply the Form of ... well, work out for

yourself since we've already written about it on several occasions.

8) Pierre Teilhard de Chardin's concept of "personalization".

9) "Becoming God". If that's possible then, by exactly the same token, so is "Becoming Satan"; "Becoming Lucifer"; becoming any "perfected" version of any tendency or quality, good or bad. No one orders Muslims to get on their knees to grovel to Allah. What tendency are *they* perfecting? – *absolute submission*. That's what *Islam* means. Are Muslims in fact tuning into an archetypal influence that has existed for eons – the *cosmic submissive*? What are these people learning? Well, it certainly isn't how to become God. They are learning everything that is required to be a voluntary slave. That, as things stand, is their cosmic destiny. To become God means to achieve rational understanding of existence and have complete mental control over matter: it's the maximization of power. To become Satan means to achieve complete control of the *Master* archetype. You won't achieve the same enlightened power as God and complete control of matter itself, but you're not looking for *enlightened* power – you're looking for *unenlightened* (unsublimated) dominance over others. How do you think the Bible and Koran came about and proved so popular if they are not reflective of archetypal patterns and indeed beings in the world (because all patterns are inevitably reflected in persons given that souls are the fundamental units of existence; even all the laws of mathematics are personalized by being encoded in each and every one of us)? Why does the master-slave dialectic exist? If *human* masters exist, what would prevent *cosmic* masters from existing? Why should human lives be the summit of cosmic existence? Anyone who believes that humans are the best the universe can contrive is deluded. There's no sufficient reason for beings much more powerful than humans not to exist. Beings vastly more powerful than humans are not forbidden by any law. There was a time on Earth when there were no humans. Would the animals around then have been able to conceive of humans arriving amongst them? In comparison with them, *we* are Gods. But we can easily and actively conceive of beings with far greater minds, consciousness and power than we currently have. Why shouldn't such beings exist? Moreover, we can imagine becoming (evolving into) such beings ourselves. The whole point of Illuminism is that existence is a *living optimization procedure*. Its actual purpose is to produce the most powerful beings that can possibly exist that aren't logically and existentially forbidden. Existence is the dialectical maximization of Will To Power. And

living mathematics is precisely what Will to Power *is*.

MC: “Lucifer is a label used to put a skin on a mathematical function.”

Cutting a long story short, that’s exactly the right answer. But what is the *long* story? Anyone want to see if they *really* understand Illuminism? Can you explain how a goddess called Lucifer (yes, Lucifer’s actually a woman, or, rather, chooses to make that identification!) came to be and how she’s communicating with you *right now*? Go on, provide an answer to this “Lucifer Question”. Bring it to life. Give it bulk and gravitas. Prove that you are one of the light bearers.

If something like that is beyond your comprehension, and you have no idea where to begin, you certainly haven’t understood what we have been saying in some three million words across the AC website and the *God Series*.

It’s always extremely important to be *active* rather than passive towards knowledge. If you can’t actively devise a scenario to address this Lucifer Question then what on earth do you think Illuminism is ... and why are you reading this?

We are using mathematics to prove that life and mind are *primary* and the material world is derived from them. The original question reflects a belief that mathematics has no connection with real, living beings that have taken on an archetypal character and play a key role in the unfolding of the cosmic dialectic. Mathematics is *about* life and mental phenomena, not about machine parts.

Stop thinking about mathematics as some boring, scientific abstraction. It’s not. It’s *life, mind* and *will* themselves!

Ontological Mathematics in a Nutshell

“All things are numbers.” – Pythagoras

“Number rules all.” – Pythagoras

The Lucifer Solution

If you want to understand something new, you have to be able to overcome old mental schemas that are blocking your attempts to master new ideas

radically at odds with your old ideas.

Think of how difficult it must be for Abrahamists to contemplate anything new. Straight away, they are preoccupied with the issue of whether what they are studying is or is not compatible with the Torah/ Bible/ Koran. They have a tendency – literally brainwashed into them – to be antagonistic towards any ideas that contradict their beliefs. A Muslim's first instinct when he encounters any radical idea is not to ask whether it's true or false but whether it's compatible with the Koran. If it's not then it's *automatically* dismissed. Its truth content doesn't matter in the slightest because, for a Muslim, the Koran is the only source of truth – hence *all other knowledge is rejected out of hand*! Muslims have to lose their belief in the Koran in order to have open minds receptive to new thinking, but of course that can't happen because then they would no longer be Muslims. This is the ultimate religious *Catch 22*.

If you believe in any religion, you ipso facto reject any knowledge that contradicts it. If you accept new knowledge that contradicts your beliefs then you have ipso facto abandoned your religion. Religious minds are incompatible with open minds and any authentic search for knowledge and truth. Not a single person who accepts Abrahamism can be considered intelligent in the proper sense since they have dogmatically rejected all knowledge that doesn't support Abrahamism. They have closed their minds in order to wallow in their beliefs and delusions. They view everything through a religious filter and screen out everything that disagrees with their beliefs. They obsessively apply “belief confirmation bias”. These people are all emotionally bound to their beliefs and it's *impossible* for them to think rationally.

There's actually no point talking to a Muslim, Jew or Christian since you already know their position beforehand, and you know they will never agree with any new facts, evidence or arguments. You cannot be rational *and* a believer. You cannot be a knowledge seeker *and* a believer. Belief shuts down all knowledge beyond the assertions made in allegedly holy texts that are said to communicate, via prophets, the infallible thoughts of God. As soon as you conclude that the “thoughts” expressed in the Torah, Bible and Koran are preposterous and completely contrary to the self-evident facts of the world, you can no longer be a believer. To a rationalist, it's beyond belief (!) that anyone can believe anything at all. Why would you want to *believe* in preference to accepting the diktats of the all-embracing, all-explaining Principle of Sufficient Reason?

The problems we have described don't afflict only believers. Scientific materialists have no motivation to overcome the brainwashing of their senses and the atheistic doctrines to which they have been subjected. To materialists, the "soul" is absurd and comical. They cannot conceive of any independent, autonomous, non-sensory, dimensionless, mental domain where a soul resides. So, even before a believer or scientific materialist has read one word of Illuminism, they are already against it. Their reflex reaction will be to make no real attempt to understand it. Materialists will abandon Illuminism as soon as they hear any mention of souls, and believers will turn away as soon as they see their holy books and faith being mocked.

Human beings can't help being prejudiced. All of us have quite rigid mental schemas – patterns of thinking, ingrained attitudes, etc. – that automatically favour things we already basically agree with and reject anything that doesn't sound like "our kind of thing". People rapidly look for reasons to reject a new idea so that they don't have to worry about it and don't have to reframe their schema, and perhaps their identity, to accommodate it. It's very strange, for example, when an atheist goes from rejecting the soul to regarding it as the core of existence (as is required by hyperrationalist Illuminism)!

Keeping an open mind is astoundingly difficult, and gets more and more difficult as people become set in their ways. There's very close to zero chance of Abrahamists in their seventies reappraising their beliefs.

Prejudice against new, radical and unfamiliar ideas is par for the course. We once read a lengthy "deconstruction" of our ideas by someone on Facebook. What struck us was not the "quality" of his critique (which was painfully idiotic) but the sheer effort he had gone to in order to repudiate us. What did that effort reveal? Well, our ideas had seriously rattled him so he had to convince himself that he could answer them and maintain his existing schema. He didn't answer anything of course, but in his own mind he had provided an airtight rebuttal! If you want to understand Illuminism, you have to abandon what you know, or put it to one side for the time being.

So, let's go through some of the main features of Illuminism so that you can understand the answer to the Lucifer question.

Illuminism is all about numbers. It starts and ends with numbers. The individual "soul" is a repository of all the numbers from zero to infinity (positive and negative, real and imaginary) and thereby encodes the full laws of ontological mathematics, which derive from a single equation (the *God*

Equation) – Euler’s Formula.

That’s immediately an immensely difficult idea, going against the whole grain of what you have been taught in school and at church. Numbers seem like absurd abstractions – just symbols that you write on paper. How can they be the basis of existence?

Illuminism addresses this in two ways. First, a number is, as everyone would agree, an item of information. Lots of numbers can be arranged in lots of ways to produce vast amounts of information. The whole of computing – which has transformed the modern world more than anything else – is simply a vast, mind-boggling expression of the binary system of 1 and 0. *That* is how powerful numbers are and information is. A universe of numbers is a universe of information.

What is a mind? It’s simply a mathematical information processor and generator. What is a *thought*? It’s an isolated “slice” of that endless stream of mental, mathematical activity. What do minds do? They assign *meaning* to information and they generate *meaningful information*. What does *consciousness* do? It’s the decision-maker that weighs all of that meaning and it chooses to do something that it believes will *increase* meaning. (No one goes around trying to minimize the amount of meaning in their life. Even suicide is an act of meaning. Taking your life is the most meaningful thing you can do when meaning is vanishing all around you.) Meaning and information are intimately linked, and what is the best and indeed only possible conveyer of information? – *numbers*, as computers prove.

Crucially, Illuminism defines numbers ontologically as *energy* (specifically, energy waves *precisely* and *analytically* defined by sines and cosines, which are generated by Euler’s Formula). A universe of numbers may sound abstract and unreal, but a universe of energy is exactly the sort of thing that science’s string theory promotes as reality, and no one bats an eye at that.

So, as soon as you grasp that Illuminism is all about information and energy – defined with the infinite power of mathematics – you see that “numbers” are very different from how they are normally portrayed. People are perfectly willing to accept ad hoc energy “strings” as real, so why not precise mathematical energy waves? What are “strings” anyway? They are defined by *mathematical equations*. One way or another, we always come back to numbers and mathematics when anything needs to be meaningfully defined.

When you think about Illuminism, you have to overcome the materialist prejudice to which we are all subjected. The world around us seems astoundingly solid, but it's not.

It's a sad truth that thinking sensing types (scientists) are too hard-wired to their senses to get beyond them. If scientific materialism is the "religion" of thinking sensing types, Illuminism is the religion of *thinking intuitives*. Feeling intuitives are also well suited to Illuminism. *Intuition* is the most wondrous gift a human can possess because it links us to an unseen, truer reality of pure mind. It's precisely intuition that allows us to free ourselves of the chains of materialism and its WYSIWYG (*what you see is what you get*) paradigm.

What is the most productive way to get beyond the prison of the senses? It's to deliberately think of the material world in a subversive way – as a *dream world*.

Human beings have two modes of consciousness: private and public. These correspond to two different mathematical modes: subjective and objective. Our private consciousness is the one that belongs to our sleeping dreams. When we dream, we are not subject to the normal rules of space and time, of causality. We are not ruled by matter or gravity. We can fly. We can walk through walls. We can talk to the dead, converse with living people of our acquaintance and put words in their mouth. We can create completely fictitious beings. We are trainee Gods in our dreams!

This is the realm of subjective mathematics where our own minds perform the mathematics necessary to create situations and worlds of our own devising. How many people understand that dreams are mathematical inventions, our own subjective simulations of a private reality? A dream is pure mathematics and no one realizes it. Every time you dream, you are effortlessly performing Godlike mathematics. You are the *Creator*.

It's as if you are a video games programmer, making new games as you go along. You don't have to do any actual programming, of course: you just have to *think* it. Your mind itself is doing the programming. It's a mathematical function generator. You can think any thought you like, build *anything*. Thinking *is* mathematics! When we laboriously perform mathematical calculations, what we are doing is consciously carrying out when we do unconsciously all the time. All of us on Earth – even the best mathematicians – are hopeless at mathematics when we do it consciously. Our *unconscious* mathematical processing puts all of us in the genius – in

fact, *divine* – category.

Imagine how difficult it would be to mathematically construct the world and the events that happen in your dreams. Yet you do it as you go along, without trying, and you have no idea that you're deploying incredible mathematical calculations.

But what happens when you awake? You're no longer in your private domain of subjective mathematics where your own mind is fully in charge of all the mathematics. Now you're in a public, shared mathematical domain where extremely rigid, collective mathematical rules apply: those of *objective* mathematics.

In your own dream, you are alone and can change anything you like. When you are awake, you are in fact in a *collective dream* and you have no ability to change whatever you like. All you can do is carry out your waking behaviour – your day to day routines and interactions. Those constitute your sole capacity to influence the collective dream space.

So, incredibly, you are *always* dreaming. When you're asleep, you dream subjectively. When you're awake, you dream objectively (along with every other waking person) according to strict objective rules (which generate space, time, causality and “solid” matter).

If you *really* grasp the mathematical nature of existence, you realize that there's no such thing as “matter”. There's no solid world at all. There's just subjective and objective mathematics, and private and public dreaming.

The fact that you belong to a mathematical world rather than a scientific materialist world changes your perception in the most radical possible way. There is no subject more extraordinary, mind-bending, magical and miraculous than mathematics. While in scientific materialist terms, paranormal phenomena are impossible and ridiculous, in ontological mathematical terms, they are eminently possible to any suitable mind.

Leave behind your preconceptions. You really *are* in the Matrix, the mathematical Matrix. Everyone is plugged into it. It isn't operated by an artificial intelligence but by the collective mathematical minds of all those participating in it.

Physics is ruled by “localism” (the sensory world of the left hemisphere of the brain). Mathematics and mind are ruled by “non-localism” (the intuitive world of the right hemisphere of the brain). The game changes entirely in a mathematical universe compared with a scientific one: right hemisphere versus left hemisphere.

Holography is mathematical and our universe is holographic, created by our own minds, *all* of our minds. The Holographic Principle states that each part is in the whole, and the whole in each part. (This isn't Eastern mysticism; this is pure mathematics.) Therefore, the whole universe is *inside you*. You are linked to everything that exists. That means that, right now, every mind in the universe is linked to yours. Your conscious mind – locked into the localist scientific materialist paradigm – is wholly unaware of this. It's your *unconscious mind* that's exposed to the whole universe.

As we have seen, Aldous Huxley wrote, "To make biological survival possible, *Mind at Large* has to be funnelled through the reducing valve of the brain and nervous system. What comes out at the other end is a measly trickle of the kind of consciousness which will help us to stay alive on the surface of this particular planet."

Don't be a "reducing valve" person. Scientific materialists are those kind of people. They remove all the wonder and potential from life. They ask stupid questions which show that they're locked into their sensory, materialist paradigm – their "belief system" – and can't get out. They have no imagination, no intuition, and they have no conception of the power of mathematics.

Expand your mind. Use your *Mind at Large*. Through it, you can become God.

Rupert Sheldrake's hypothesis of *morphic resonance* prompted furious denunciations from the scientific establishment, who viewed it as pure pseudo-science.

In essence, Sheldrake said that if creatures learned a trick on one side of the world, equivalent creatures on the other side of the world would then pick up the trick much more quickly. For example, if rats learned a way through a complex maze after many iterations, rats a continent away would learn the same solution after far fewer iterations. Sheldrake's ideas are absurd in terms of conventional science, but make perfect sense if they operate through a dimensionless, interconnected, non-local, collective unconscious.

Science mocks Sheldrake, but maybe it should take a close look at quantum mechanics, the most successful theory in scientific history. Quantum mechanics, according to the mainstream interpretation, is based on an *unobservable* wavefunction that is *everywhere*, is *non-local*, features

imaginary numbers and mysteriously “collapses” *only* when an *observation* (measurement) takes place. Why is that bizarre concoction deemed serious while Sheldrake’s hypothesis, which involves many of the same ingredients, is regarded as a joke?

How does Sheldrake’s idea make sense in terms of Illuminism? Consider the *first* rat that learns the way through the maze. Where does that information – the solution – end up? Well, it’s located in the rat’s monadic mind. That information is simply a mathematical function – a particular wave pattern – *outside space and time* (in the monadic mental domain). This information pattern is instantaneously available to the whole universe. But who but a rat in a maze would have any interest in it? Rats in a maze intuitively tune into it. As they do so, they interact with it and feedback to it, thus modifying it.

Plato talked of eternal, immutable Forms – available at all times to all rational minds. Sheldrake’s morphic resonance patterns might be regarded as *dynamic* Platonic Forms. These are neither eternal nor immutable (they’re evolving), but they’re available to all other minds in the universe. Bit by bit, the Dynamic Form becomes more and more perfect until it reaches its Omega Point. At this stage, it has in effect graduated to the status of a proper immutable Platonic Form and now exists as a permanent Jungian *Archetype* in the *Collective Unconscious*.

It’s plain, and Jung says so himself, that the collective unconscious constitutes the psychic heritage of humanity. But what does that actually mean? It means that, exactly as a rat learned how to get through a maze and this information was then mentally available to other rats, so early human beings did various things and these various things became dynamic Platonic Forms – archetypes – available to the rest of humanity. These archetypes exist to this day, and many of them are *still* evolving, while the simplest ones are now fixed. We have a *vast* hinterland of archetypes involving all conceivable aspects of the human condition. If we could access all of them we would be *Supermen*. Hypnosis is one means by which you can be brought into contact with an archetype previously unused by you. Under hypnosis, people can be transformed into astonishing experts simply because the hypnotist has put them in touch with an “expertise archetype” regarding some human action (such as piloting a helicopter or being a marksman with a gun). Of course, the more complex an archetype is, the less easily it can be emulated. An “Einstein archetype” wouldn’t be of much use to an ordinary

person.

Consider archetypes such as the Wise Old Man, the Earth Mother, the mana personalities, the Shadow, the Persona, the Self, the Anima/Animus. If we follow the logic that these reflect the history of humanity's development then what it means is that all of these archetypes began with *specific human beings*! – our ancestral pathfinders. There really was once a Wise Old Man, and his archetype has kept evolving and is now well-established in human terms – and we all have the opportunity to tune into this archetype (although most of us never do because we're too busy tuning into *nonsense* archetypes concerning trivia and entertainment).

The original Wise Old Man is long dead as a human being, but who knows how many times he subsequently reincarnated and became even wiser. Such a person could now be a *God*. *All beings that gave rise to all archetypes are still alive* (because they are indestructible monadic souls – just as we are ourselves).

Foolish people snigger when they hear names such as Satan, Lucifer and Abraxas but these were and *are* real, living beings, with *cosmic* influence. The most powerful archetypes (such as those involving dialectical forces including good and evil, selfishness and altruism, rationalism and irrationalism) influence everything that exists. Imagine them as absolutely enormous transmitters with vast amplifiers: the whole universe “hears” them”. Most of us are the equivalent of tiny transmitters that virtually no one else can hear or bothers tuning into. The Ancient Order of the Illuminati (AOI) Facebook page got a tiny number of hits and was therefore a low power transmitter – broadcasting almost silently to the world. *Gangnam Style*, for a while, was a gigantic transmitter that the whole world could hear.

What are we trying to achieve with our “Mythos strategy”? – to massively boost the power of our transmitter. Otherwise, we will be forever irrelevant, no matter how hard we work. Leibniz was humanity's greatest genius who worked harder than anyone, yet is more less unknown today. Being *right* and working yourself to exhaustion doesn't give you an effective transmitter. Being *popular* does.

Consider the Freudian psyche composed of id, superego and ego. Where do you think these mental elements came from? Did they appear out of thin air? Did random atomic collisions undergoing Darwinian natural selection create them? Or are they reflecting the most powerful of all human archetypes?

The id is “ME, ME, ME” – the cult of the individual doing whatever he wants (relentlessly pursuing the *Pleasure Principle*) and fuck everyone else. You can’t get any more basic than that!

The superego is the id’s dialectical opponent, which says, “Hey, look, we live with other people and unless we cooperate with each other, it’s just going to be one long brutal war between totally selfish individuals all trying to get their own way.”

So, the id is about selfishness and non-morality while the superego is about altruism and morality (it obeys the *Morality Principle*). You then need a rational intermediary obeying the *Reality Principle* which can arbitrate between the conflicting id and superego. The ego performs that role.

Is it possible to be pure id? Absolutely yes – the *psychopath* is exactly that. He doesn’t have any concern for anyone else, and will do anything to achieve his own pleasures, including torturing and murdering other people. Our world is *ruled* by psychopaths – people who care only about their own wealth, power and influence. They want to be worshipped by others, to have the whole world on its knees to them. They have zero interest in helping others, and if they ever did (via “charity”, for example), it would in fact be an act of sheer narcissism, designed to get people to admire them. All of these people are little Satans tuning into the *Satan Archetype*.

Someone like Saint Francis of Assisi, possibly the least selfish person in history, is the opposite of a psychopath. He was completely consumed with helping others and wholly attuned to the *Lucifer Archetype*.

Now, just to be clear, although we are referring to Satan and Lucifer archetypes, we are not in any way suggesting that they are *abstractions*. Satan and Lucifer are living beings and their “archetypes” are information patterns contained within their monadic structure, into which we can all tune mentally, just as they can tune into any patterns of ours (we are all in a two-way communication process). Remember, in the non-local domain, we are not hindered by any *physical* limitations. In the mental domain all information is, in the broadest sense, universally available (although that by no means suggests that we ever do actually access anything but a miniscule fraction of it and in general, we pay attention only to the “biggest transmitters”).

Just look around you in the world. You can see quite a number of psychopaths and a small number of “saints”. Most people are neither good nor evil but simply muddling and middling along.

Human beings have an enormous archetypal underpinning, the vast majority of which is almost wholly unconscious. Consciousness is the tiny “reducing valve” at the end of the line. The ego itself is an archetype, based on the very first conscious being, named *Abrahas* in Gnosticism. First to become conscious, he was also first to become the *ultimate consciousness* – God. *Abrahas* is the *Hyperrationalist Archetype*, the ultimate *mathematician*. He is, so to speak, perfect mathematical self-awareness – a self-solving, self-optimizing equation that understands all of its variables.

We are *all* self-solving mathematical functions. That’s what *life* is. Translated into other terms, we are all Will to Power, seeking to maximize our power. We are all uncaused, uncreated and eternal, and we are all driven by unquenchable *Will*. Schopenhauer called it the Will to Exist, to Survive, Nietzsche called it the Will to Power. We call it the Will to Optimize.

Deep down, you are a wondrous, autonomous mathematical function, with infinite capacity, seeking to find the optimal answer to yourself – which is why we are all obsessed with answers. That very drive for an “answer” is, if you think about it, the quintessence of living mathematics. What else would a mathematical universe do except find the optimal solution to itself?

The *longing* we have for the answer to existence is more or less proof that we are mathematical. Why would we *care* about answers unless searching for answers is a fundamental part of our make-up? If we were machines without free will – as we are portrayed by scientific materialism – we would no more expect a human to be interested in answers than we would a washing machine or a vacuum cleaner.

Ironically, answering why we are interested in answers goes to the heart of explaining the human condition. At the start of any new Cyclical Age of the cosmos, we are “blanks” – *perfect potential and zero actualization*. By the end of a Cyclical Age, we are *zero potential and perfect actualization*. We go from “Alpha” to “Omega” by answering the question: “What is your maximum actualization?” The answer, of course, is *God*.

God – the *perfect* answer, the *perfect* optimization – is the ultimate mathematical solution to “life, the universe and everything.”

In a 100% living, mathematical universe, solving equations, and solving them better and better – until the best possible answer has been reached – is, if you think about it, the only thing that can happen.

We are solving creatures, solving the greatest puzzle of all – existence itself.

Lucifer's Name

Lucifer's name could have been anything else. Why was it Lucifer and not any other name? Why was *she* called the “light-bearer”?

Self-evidently, this is something that falls into the Mythos realm since it deals with the origin of names and is therefore subject to the interpretations of history. *Phosphoros* (“Light-Bringer”) is the Morning Star, the planet Venus in its morning aspect. *Phosphoros* is the Greek equivalent of *Lucifer*. Lucifer is called the light-bearer because she was the first *Phoster* and was responsible for *enlightening* other monads and thus spreading the Phosters across the universe. Lucifer was the Morning Star and herald of the rising of the Sun.

The esoteric initiate must first pass through night (spiritual darkness), encounter Lucifer (the inspiring vision of eternal light) before finally witnessing the dawn of the Sun (Gnosis, entering the domain of the Neoplatonic “One”).

Lucifer was the first monad to develop the Superego (the “moral” force in the universe, so to speak) and took it to a cosmic degree. Satan, on the other hand, was the first monad to take the id (total selfishness) to a cosmic degree. Both have now evolved well beyond the impulsive id vs. superego struggles and have become highly sophisticated and calculated in their respective approaches.

Cosmic Names

The name you have now is not the name of your Higher Self. It's not the name you carry through eternity. So, what's your *cosmic* name, your *true* name, the name that defines you across the Ages? Have you chosen yet?

The Nexus Monad

NK: “When a monad chooses to develop an archetype and pushes it well beyond the current limits then that monad becomes the ‘nexus monad’ – the best possible expression of a given archetype. Since we assume there to be a personal unconscious and a collective unconscious, the monad develops its own archetype in the personal unconscious and by doing so it immediately communicates its version to the collective unconscious. You can think of archetypes in the collective unconscious as being the sum of the personal archetypes. Whenever other monads tune in to that archetype they will then

use that nexus monad as the template for their own personal version of that archetype.

“How does the collective unconscious ‘choose’ the ‘best’ personal archetype? It doesn’t. The ‘strongest’ version of a specific archetype – the one with the most information – is the one that the personal archetypes can more easily tune into. Think of having two radio stations broadcasting at the same frequency: the one with the strongest signal will be the one that your radio picks up.

“From here we can say that a *particular* can embody or develop a *universal* by becoming its strongest iteration, and in doing so, this particular becomes the universal template for other particulars.”

This is an astute answer, but needs a minor modification. NK says, “When a monad chooses to develop an archetype and pushes it well beyond the current limits...” This implies pre-existing archetypes (for how else could you develop it and push it to its limits if it wasn’t already there?). The sentence should be: “When a monad develops a pattern of behaviour, and pushes it well beyond ordinary limits, it starts to take on an archetypal character...”

Behavioural archetypes do not exist in the universe until monads start behaving in certain ways. It’s the habitual repetition of behaviours that turns them into archetypes.

Nexus is a good word. It’s derived from the Latin *nexus* (“the act of binding together; bond”). A nexus is a means of connection, a link or tie. It’s a connected series or group. It’s also the heart, core, or centre. So, an archetype is a nexus since it’s at the centre of a connected network, all feeding off it, and feeding back to it. The nexus is the network controller. It defines the network.

Things “bind” to an archetype and are then brought under its dominant influence. The Koran is a nexus, so is the Bible. Think of the power of these books to shape lives and dictate to society. The Koran and Bible might be regarded as reified archetypes, i.e. physicalized ideas.

The Snowball Effect

NK: “As a snowball rolls down a hill, it continues to accumulate more and more snow and the same could be said for a monad except in this case it’s

accumulating information. When enough information is accumulated within the monad, a remarkable change happens: it develops the capacity to interpret information according to what it has already accrued. An active, not passive, subjectivity has begun to develop. ... Personalization into sentience can also be equated with Hofstadter's Strange Loops."

There's a lot to be said for the analogy of the snowball effect, the Strange Loop, the Feedback Loop or the nuclear Chain Reaction. Any such system generates a "tipping point" and most things – including *gnosis* – are tipping point effects. Archetypes are personal mental contents that have achieved a tipping point and thus become prominent and dominant within the *Collective Unconscious*. Any behaviour that had not achieved such a tipping point could never properly be regarded as an archetype.

Personalisation

Pierre Teilhard de Chardin was insistent on the supreme importance of personality. He believed that an evolving, ascending, teleological universe was also an *increasingly personalised* universe. That, of course, is consistent with an increasingly *conscious* universe. Consciousness and personality walk hand in hand.

Personality has to be distinguished from *individuality*. We could envisage a world of loners – extreme individuals like American Survivalists – but would we consider personality to be much in evidence in such a world? Or might we conclude that a world of extreme individualism was a kind of autistic world, without any personality at all? (After all, "autism" – from ancient Greek *autos* – "self" – is all about being locked into oneself.)

Personality, if properly understood, is a *social phenomenon*. "Persona" originally meant the mask of an actor, and it only makes sense to wear a mask if others are present. The people with the most advanced personalities are those who have a great understanding of themselves and others, hence of psychology. Personality is something that develops as a result of our interaction with others. If each of us were brought up on a desert island with no contact with others, would we be anything like our current selves?

Many people have a tendency to shy away from the concept of evil becoming personalised in a being – the *cosmic Satan*. They like to treat evil as some sort of metaphor or impersonal, abstract archetype. But how could something as utterly personal as evil not be personified? Are tsunamis evil, or

hurricanes, or earthquakes? Is energy evil? Surely not. If we don't regard evil as a personal attribute then what on earth do we mean by "evil"? How can evil be impersonal? To talk of evil is to talk of a person *doing* evil and having a malignant *will* towards others. It has no other meaning. Nature is *never* evil. Evil, like good, did not enter the universe until consciousness did. Evil is a choice that a *person* makes. Without a person, there's no evil. But why shouldn't evil, like everything else, have an omega point, a maximum expression? Remember, anything not forbidden is compulsory (if it's *compossible* in the Leibnizian sense).

If a maximum personalisation of evil is not forbidden then it must inevitably happen. The maximum personalisation is Satan. However, we should point out that we don't in fact subscribe to the bipolarity of "good and evil" at all: the authentic phenomena are "altruism and selfishness". *All* acts of evil are acts of selfishness. All good people think of others. All evil people think only of themselves. The reason why our world doesn't like to define good and evil in those terms is that all of the richest, most powerful and privileged people who rule our world would then be classed as evil, purely out for themselves! *They are all of Satan's party.*

Teilhard de Chardin talked of the advanced stages of evolution leading to *hyper-personalisation*. More evolved beings are more personalised. If you accept the existence of higher beings (and why would humanity represent the best that evolution can possibly produce?) then, unless you conveniently and implausibly conclude that all higher beings are good, you must conclude that there are higher beings who are evil, and why should there not be one worse than all the others, and indeed the prototype for all the others – *Satan*?

It's remarkable how many people are willing to believe in God but not in Satan, yet you can't have one without the other. Each is dialectically inevitable and each is the hyper-personalisation of dialectical cosmic forces.

Also, many people have a tendency to treat the idea of an evolving cosmos as a type of pantheism with nebulous souls merging with a nebulous, impersonal cosmic Oneness – a kind of evolutionary Buddhism. Scientific materialism has been responsible for this trend. It has made any sort of personalisation of cosmic forces seem absurd. Scientific materialism struggles even with the concept of human personality and, in effect, denies its existence, asserting that we are just machines in an inexorable chain of scientific cause and effect, and we have no free will. So, if scientists with a personality don't believe in the existence of their own personality, they

certainly won't be searching for it anywhere else, will they?

The end of the universe consists, in the dominant scientific view, of a mindless, pointless *Heat Death*. The universe literally freezes over for all eternity. They start making snowballs in hell, after all! Evolution, which is purposeless and directionless in terms of scientific thinking, leads nowhere and simply fizzles out, crushed by intergalactic forces and entropy.

So, you have two choices – evolution leading to higher states of consciousness and personalisation (exactly as life on Earth has demonstrated), or evolution that randomly assembles machines that *seem* conscious, and then gradually dispenses with them as the universe expands and entropy brings increasing disorder.

The scientists rightly point out that all suns will run out of fuel, so life on all planets will surely perish. Therefore, unless evolution has produced life-forms no longer dependent on the physical world, science must be right. The fate of all life in the universe depends on whether there's an escape route from materialism. Only idealism provides a life boat. Are you coming aboard?

Lucifera

LS: “Isn’t the feminine form of the name Lucifer spelled ‘Lucifera’? Or am I mistaken?”

Lucifer is a masculine Latin form; *Lucifera* is indeed the equivalent feminine form, and *Luciferum* is the neuter form. So, is Lucifer properly male or female, (i.e. should we all be talking about Lucifera rather than Lucifer)? It’s a somewhat murky question. The saga begins with the ancient Egyptians who thought that the *morning star* was a different body from the *evening star* (in fact they are the morning and night appearances of the planet Venus, i.e. only one body is involved, not two). The ancient Greeks followed the Egyptians and called the morning star *Phosphoros* – the “Bringer of Light; the Light Bearer” (Latin, *Lucifer*) – and the evening star *Hesperos* – the “Star of the Evening” (Latin, *Vesper* or *Nocturnus*).

Eventually, the Greeks realized the two were in fact the same planet, which they now named Aphrodite after their Goddess of Love (*Venus* for the Romans; *Astarte* for the Phoenicians; the Egyptian *Isis*).

Phosphorus/Lucifer is mentioned in the ancient texts as:

- 1) a *son* of Astraeus and Eos.
- 2) a *son* of Cephalus and Eos.
- 3) a *son* of Atlas.

That is, Lucifer was initially associated with a male. However, Phosphorus (Phosphoros) also occurs as a surname of several *Goddesses* of light, e.g. *Artemis Phosphoros* (*Diana Lucifera* in Latin). So, there has always been a tension regarding the sex of Lucifer/Lucifera. As already noted, the confusion has its roots in the fact that the planet Venus (female) was once thought to be two stars, Phosphorus and Hesperos (both treated as male). For the Romans, the morning aspect of Venus was Lucifer and the evening aspect Vesper.

Given that these names now referred to a Goddess, should they not have taken the feminine rather than masculine form (thus Lucifera rather than Lucifer)? Sometimes, the morning star is regarded as female and the evening star as male. Lucifer, as the morning star, would therefore be female. Quite simply, the ancients never definitively resolved this question of the sex of Lucifer. When Christianity entered the scene, Lucifer became the “Fallen

Angel” (and was then transformed into Satan), and was very much male.

Gnostics, completely rejecting this Christian view, referred to *Lucifera*, a female Angel of Light, associated with Sophia, the Goddess of Wisdom. However, since this implied that a *different* Angel was being referenced, eventually the name Lucifer was used to emphasize that the Gnostics were referring to precisely the same Angel that the Christians were slandering. However, it was to be understood that Lucifer was a female Angel rather than the male Angel of Christianity.

The upshot of all of this is that Lucifer is rendered rather androgynous. Angels themselves are often, logically, defined as sexless.

The Lucifer/Lucifera dichotomy is analogous to Jung’s treatment of Animus/Anima.

The Lucifer Question and Answer

So, SH tried to mock us by asking a loaded question about Lucifer. As you can see, the answer was enormously more complex, sophisticated and fascinating than the tiny, unimaginative mind of a scientific materialist could ever grasp.

Not So Smart

“A large section of the intelligentsia seems wholly devoid of intelligence.” – GK Chesterton

Ain’t that so!

Intelligent Stupidity

It’s often said that intelligent people can act incredibly stupidly. Of course, it’s less rarely said that if an intelligent person acts intelligently in a society where everyone around him is acting stupidly then he’s the one who will seem like a fool!

Depressive Atheists

“Depression is the inability to construct a future.” – Rollo May

In that case, all atheists must be very depressed on their deathbeds!

The Gospel of Reincarnation

LF: “We are not human beings having a spiritual experience; we are spiritual beings having a human experience.” – Pierre Teilhard de Chardin

Anti-Enlightenment

The Nigerian “Congregation of the People of Tradition for Proselytism and Jihad” is better known by the name *Boko Haram*. It literally means “Western education is forbidden”, and is wholly opposed to westernization and the laws of man (which are to be replaced by *divine* Sharia Law). The group attacks Westernized Muslims and Christians and bombs Mosques and churches.

Some people refuse to learn. They will oppose reason forever. They despise education, the one thing that can set them free. As ever, it’s Catch 22. These people need education to think clearly but they can’t think clearly because they oppose education.

The Difference Between Socialism and Communism

Socialism and communism are both based on public ownership of the means of production, and centralized State planning. Socialism, for Karl Marx, was the first response to capitalism. Communism is the further development, the “higher stage” of socialism.

Communism asserts, “From each according to his ability, to each according to his *needs*.” Socialism says, “From each according to his ability, to each according to his *deeds*.”

The socialist principle is far more realistic than the communist one since it recognises the quality and quantity of work performed. The communist principle is proclaimed as an ultimate goal of a perfect society, but no society would ever implement that rule.

Meritocracy says, “From all to the Commonwealth, and from the Commonwealth to each according to his merits.”

Video Game World?

“The first thing necessary for a constructive dealing with time is to learn to live in the reality of the present moment. For psychologically speaking, this present moment is all we have. The past and future have meaning because they are part of the present: a past event has existence now because you are thinking of it at this present moment, or because it influences you so that you, as a living being in the present, are that much different. The future has reality because one can bring it into his mind in the present. Past was the present at one time, and the future will be the present at some coming moment. To try to live in the ‘when’ of the future or the ‘then’ of the past always involves an artificiality, a separating one’s self from reality; for in actuality one exists in the present. The past has meaning as it lights up the present, and the future as it makes the present richer and more profound.” – Rollo May

Since Descartes did not believe in temporal “extension” (corresponding to spatial extension), only the present instant exists, and God had to keep everything going in the extended material world on a moment by moment basis or it would simply vanish. In Illuminism, this is an absolutely critical consideration. There’s no past world out “there”; the past ceases to exist, except in our memory of it. The future world has not yet happened, and exists only to the extent that we anticipate it in the present. We all think of the material world as being a concrete, enduring thing, but “endurance” implies an existent past, but the past doesn’t exist.

The physical universe is literally being constructed on an instant by instant basis, but it’s not God that engineers this stupendous feat, but all the minds of existence working together using collective mathematics. The universe is just about the most fragile and ephemeral thing there is; it’s a continually adjusting cosmic wavefunction (existing in all of the minds in the universe), and it’s continually “collapsing” (creating the present, apparently solid world) and also continually reforming. As far as the material world goes, nothing happens except the continual collapse, reformation, collapse, reformation ... of the cosmic wavefunction, all happening instant by instant. The prior instant immediately vanishes from material existence, and the instant to come hasn’t yet been created. We literally live on a temporal razor’s edge – “now”.

The enduring solidity of the material world is absolutely illusory; the material world is “solid” only *now*. Only the regularity of mathematics

provides the illusion that the world endures through time. The mathematical cosmic wavefunction at each instant strongly resembles what it was the instant before and it's this gradual evolution of the wavefunction, making infinitesimal adjustments as it proceeds, that generates the illusion of continuity, solidity, persistence and objectivity. It's not the material world that endures through time, it's the mathematical wavefunction, and its instant-by-instant product is the "material world". Without the dynamic cosmic wavefunction – a 100% mathematical entity that's continually recalculating itself, and is never the same twice – there would be no physical world at all.

We all imagine a solid, enduring world, in which we carry out temporal actions. We change but it stays essentially the same. But this is an impossible scenario. There isn't a dynamic element superimposed on a static element: *the whole thing is dynamic*.

Scientists make statements such as, "The Earth is 4 billion years old." No it's not! It's one instant old, as is everything else. The Earth is recreated at every single instant and the former Earth dies at every single instant. Exactly the same is true of each of us. We exist *only* in the now. The cosmic wavefunction changes on an infinitesimal basis, making tiny adjustments everywhere. If it didn't so this, if it made enormous, sweeping changes, then we would have no concept at all of a persistent world. We'd live in complete chaos. We'd be unable to remember the past (because it would have no context) and we could not anticipate the future since absolutely anything might happen.

The universe is a mental product; a product of a cosmic mathematical wavefunction that alters instant by instant. Because each element of it undergoes only a tiny adjustment each instant, the illusion of persistence is created. From that "persistence", we produce the great lie of materialism that the world exists independently of our minds (and indeed precedes our minds). The material world is in fact wholly mental and exists only *right now*, on a continually advancing basis. The Earth of 4 billion years ago reflects the dynamic mathematical wavefunction of 4 billion years ago. It was not a "thing" with independent existence; it was the *dependent* product (output) of the only true "material" reality – the dynamic, mathematical cosmic wavefunction.

Existence is mathematics. Existence is 100% mathematical. All that exists are mathematical functions. We ourselves are mathematical functions. Even our dreams are simply mathematical functions. The material world is also a

dream, of a very specific kind – it’s produced by a *collective* rather than individual mathematical function.

If you think about it, it’s obvious that the Earth, and all other physical objects, do not exist in the sense in which materialists claim. What does it mean to say that the Earth is 4 billion years old? It means that those 4 billion years of existence exist *right now*, in the present (and we might try to picture countless “snapshot” Earths all superimposed on one another, but, of course, there’s no physical space to accommodate countless different Earths occupying the same position), but we know that the past does *not* exist in the present. So, to speak of the Earth of 4 billion years ago is essentially meaningless. What we’re actually referring to is the output (the product) of an immaterial, mental cosmic wavefunction as it existed 4 billion years ago. This is a radically different concept that destroys materialist pretensions!!!

The Earth of today reflects the cumulative changes of 4 billion years, but nothing on Earth is older than the present instant!

In a video game, the “reality” you encounter is wholly generated by mathematical algorithms, but it seems incredibly lifelike, vivid and convincing, doesn’t it? Yet it’s just pixels and mathematics. There are no solid, enduring, material objects in a video game and nevertheless a continuous reality is created that seems just like reality. So, what makes you think that “true” reality should operate any differently, according to physics rather than mathematics? In fact, “true reality” is simply the product of living, ontological mathematics, generated by infinite mathematical monadic minds.

You are not in a simulation produced by gaming programmers; you are in the reality defined by ontological mathematics, the math of life and existence itself. But the basic concepts are identical. All that truly exists is what mathematical functions present to you, and you have a subjective sensory experience of this.

Imagine climbing a stone staircase leading to a Chapel Perilous on a high hill. Now, as you glance upwards at the stairs ahead of you, you imagine that they are persistent and enduring – that they are material objects, waiting for you. But they’re not. The stairs ahead of you are continually changing according to a mathematical spacetime cosmic wavefunction, in a feedback loop with a mental cosmic wavefunction. The stairs are being created on an instant-by-instant basis. It happens so fast (instantaneously) that you imagine

you are looking at something fixed rather than something literally altering right in front of your eyes as you look at.

Heraclitus said you can't step into the same river twice and Cratylus said you can't even do it once. In fact, there's no river at all! What there *is* is a continually altering wavefunction which produces the illusion of a continuous and apparently unchanging reality (actually, endless "micro" changes are being enacted at all times; nothing ever "persists").

Heraclitus said, "There is nothing permanent except change." We might "translate" this mathematically to say, "There is nothing permanent except the mathematical cosmic wavefunction, and all it does is change, albeit almost imperceptibly."

Being – persistence over time – is a myth. There's only "becoming" (change). The only things that are genuinely static are the eternal, immutable, Platonic laws of mathematics. These alone undergo no change. They are valid forever. They are the only things that can be described as "being". Everything else – everything derived from those laws, including the cosmic wavefunction – is becoming."

It's easy for human beings to be visually deceived. The running together of a large number of static frames at a constant speed produces the illusion of change – we call it a movie! But, of course, the greater illusion is that the frames are fixed and static. They're not; they're continually changing, just like everything else.

The whole concept of persistent material objects is 100% false, hence materialism is 100% false. Reality is living mathematics and it presents us with a continually changing sensory manifold, but it does so on such an imperceptible point by point basis, that we imagine that we are perceiving static rather than dynamic things. Neither the stairs to the Chapel Perilous, nor the Chapel, nor your own body (!) have any persistence. They are all being constructed as you go along, just like the objects in a video game. They are always being recalculated. They are the products of calculation; they are not *things*.

The objects of a video game are dynamically generated. Whatever condition they had an instant ago is gone forever! Whatever condition they have in the next instant will be determined by mathematical operations and calculations. This is exactly the same process as reality itself. It's all about mathematical calculations. There's nothing else happening. And all of these calculations are mental, not physical. They are the stuff of math, not of

physics. There is no such thing as physics. What we call physics is merely the study of the things that are output by the dynamic, mathematical cosmic wavefunction. That wavefunction is wholly mental.

The material world is a hologram generated by infinite mathematical minds! It's all an illusion, a mathematical illusion that has the character and appearance of objective reality.

The central catastrophe at the heart of physics is that it has never understood the difference between being and becoming; it has never understood the concepts of time, change and motion; above all, it has never understood its own greatest achievement – the quantum mechanical wavefunction. This wavefunction – continually altering all over the universe – is the sole meaning of the “material world” and yet there is not a single, “solid”, “persistent” thing about it (which is the whole basis of materialism). If you actually accept quantum mechanics then you accept that the so-called material universe is calculated, mathematically, on an instant by instant basis. Such a universe – a calculated universe – is no more material than the calculated worlds of video games.

Materialism is wholly false. The only people who subscribe to it are those who are locked into their sensory biases, who are utterly irrational and illogical when it comes to the analysis of reality (they place all of their faith in “experiments”, which simply compound the errors of sensory materialism since they themselves presuppose that same failed Meta Paradigm) and have zero imagination and intuition. They cannot escape from their sensory prison.

The reason why virtual reality simulations are so lifelike is that life itself is a continually calculated reality. It's all about the math. Physics is entirely bogus and must be toppled from its pinnacle.

Never forget, quantum mechanics is all about Fourier mathematics, Fourier mathematics is all about Euler's Formula, and Euler's Formula is the basis of monadic minds. Quite simply you cannot have a “material” world (or the illusion of such a thing) without an underlying mathematical, mental world.

The Razor's Edge of Now

There's no solid world behind you (in the past), and no solid world ahead of you (in the future). All that is past has gone forever. The world that you are about to experience does not exist yet: it is created even as you experience it. Don't you see? – the materialist tells you that things endure for billions of years. The fact is that nothing in existence endures for longer the present instant. We are all literally living on the incredible Razor's Edge of *Now*. That's the *sole* reality.

Memories are all we have of the past, and anticipation is all we have regarding the future. What we definitely don't have is a world of solid, persistent things. The world is calculated on the hoof, on the fly, as we go along. Think of your dreams – completely ad hoc constructs that seem astonishingly vital and vivid while you are in them. These worlds vanish when you wake up. The only difference between your private dreams and the waking world is that the latter is a collective rather than individual dream. Like your private dreams, it's constructed dynamically – but it's the mental construction of all of us rather than just one of us.

Quantum mechanics is nothing other than the mathematical mechanism for building dynamic, collective dreamscapes. There's nothing but the present moment and the infinitesimal moment ahead of this one (which “collapsed” into what we are now experiencing.) This very instant is it. You are being reconstructed every instant of every day. You are a continually adjusting dynamical mathematical function, being recalculated at every instant. You are not an object, a body, a thing. There are no objects at all. There is no material world. All there is is a continual mathematical calculation defining the universe at every instant. The past is what the function did before, and the future is what it's about to do, but we all inhabit the infinitesimal “now” – what the cosmic calculation is currently doing, what answers it's currently generating. We live on the tip of a moving arrow, but there is no arrow – the tip is the only thing that exists; all the rest is memory and anticipation.

Animals have no concept of past or future. They inhabit the arrow tip. Consciousness is nothing but that which us allows to reflect on the history of the cosmic mathematical function, and ponder what it will do tomorrow. A True God with full understanding of the ontological wavefunction knows everything that will happen objectively. What he does not know is subjective

reality, except from his own subjective perspective. In fact, to be more accurate, subjective elements play a critical role in the formation of the cosmic wavefunction – via our unpredictable acts of free will!

Infinity

We can imagine a straight line heading off to infinity; this represents an example of “bad” infinity (the line has no end). A circle is the perfect representation of “good” infinity since it’s a contained, finite shape enclosing a finite area, and yet we can travel round it forever. The Riemann Sphere famously depicts the complex plane (with a “point at infinity”) as a sphere. Here we have an example of something that reflects bad infinity – a plane that goes on forever – being transformed into a containable, manageable shape (a sphere). The mysterious “point at infinity” becomes the bridge between good infinity and bad.

Infinite Speed

The mathematical calculations that shape the world are performed at infinite speed. They provide a perfect plenum, a perfect continuum. They are not “granular”. They do not leave any gaps. There’s no chance of the mathematical function stalling and the universe blinking out of existence because the cosmic mind failed its math test. The calculation takes place inexorably, with machine-like precision (which is why the material world resembles a cosmic clockwork mechanism). The laws of mathematic are encoded in every single point of existence via point-sized, dimensionless monadic minds (souls). It’s impossible for any ontological calculation to be performed with any error.

The universe exhibits flawless mathematics. There are no bugs, no blue screens, no contradictions, no inconsistencies, no ambiguities. There is a sufficient and inevitable mathematical reason for absolutely everything. Nothing can go wrong. The universe never stumbles mathematically. Mathematics is the perfect, infallible calculating engine of existence; the beating heart of the universe. If that were not so, the universe would have descended into utter chaos by now and been destroyed by the accumulation over eternity of endless errors, bugs, flaws, logical impasses, ambiguities, inconsistencies, contradictions.

The universe must be explained by something that contains no errors, even in principle. Mathematics alone performs this role. Physics is a

ridiculous alternative; it's ad hoc, *a posteriori*, contingent, mutable, arbitrary, built on provisional hypotheses that are verified by provisional experiments that never definitively prove anything.

Mathematics is eternal, immutable, Platonic and *a priori*. Physics isn't. End of story. Physics is a disgraceful false claimant and must be overthrown by mathematics in all of its adamant, pristine, flawless purity, beauty and analytic perfection. Mathematics is the Cartesian-Leibnizian God. He's mathematically perfect, not morally perfect.

Life and Eternity

Everything in the universe that's eternal and immutable is defined by the Principle of Sufficient Reason, which encapsulates the whole of mathematics. However, the lives we experience are not about eternal, machine-like mathematics.

“Living mathematics” is about dialectical logic, and dialectics is all about the interpenetration of opposites. If you consider the Holographic Principle – the whole is in each part – then you realize that the Hologram perfectly captures Hegel's notion of a dialectical universe. Since the whole is in each part, all of the contradictions that necessarily exist in the whole are present in each part. The dialectical universe is seeking to resolve these contradictions and it does so via the famous triadic principle of thesis, antithesis and synthesis. At the end, at the omega point, all contradictions have been dialectically resolved and the universe is 100% perfect whole, consistent and complete. The answer to life, the universe and everything has been definitively reached.

The universe in its eternal aspect is ruled by Leibniz's Principle of Sufficient Reason, and in its living aspect by the dialectics of Heraclitus and Hegel.

Dreams

Why has no scientist ever asked if the realistic worlds of dreams are products of quantum mechanics? If they're not, how can they resemble this world? If they are, then our world is formally a dream!

The science of dreams is the science of reality. In dreams lie the answers to *everything*.

Life is literally a living dream. A dead body is a remnant of a dream that has ended (and begun again in a new phase via a new body provided by reincarnation: the reinsertion of a soul into the collective dream). Dead bodies are dream detritus, doomed to turn to dust. The dreamer has long since left the building. A living body is sustained by the dreamer (the soul) it contains. When the dreamer moves on, the body fades away into oblivion.

The Miracle of Sleep

Is anything more astonishing than sleep? Many people seek altered states of

consciousness, but what could be more consciousness-altering than sleep where we transit from public to private consciousness? Waking and sleeping involve two transitional states of consciousness: “hypnagogic” (*towards* sleep; pertaining to the state of consciousness when falling asleep) and “hypnopompic” (*away from* sleep; pertaining to the state of consciousness when waking up).

The hypnagogic state (or *hypnagog*) is the state of consciousness during the *onset of sleep*; the transition of waking consciousness to sleeping consciousness, public to private consciousness. (From the ancient Greek *agōgos* meaning “leading, inducing” and *hypnos* meaning “sleep”.) The hypnagogic state involves rational waking cognition striving to make sense of encroaching dreamlike images and associations; the linear trying to understand the non-linear.

The hypnopompic state (or *hypnopomp*) is the state of consciousness during the *onset of wakefulness*; the transition of sleeping consciousness to waking consciousness, private to public consciousness. (From the ancient Greek *pompe* meaning “act of sending”, and *hypnos* meaning “sleep”; so, *sending sleep away*.) The hypnopompic state involves emotional and intuitive dreaming cognition striving to make sense of real-world materialism; the non-linear trying to grasp the linear.

What secrets can be shed by the hypnagogic and the hypnopompic states of “threshold” consciousness? Here, fascinating phenomena such as lucid dreaming, hallucinations, sleep paralysis and false awakenings can occur.

A lucid dream is any dream in which you are aware you are dreaming and can exert a considerable degree of control over the dream content. Lucid dreams can happen in both the hypnagogic and hypnopompic states.

“False awakening” is where one dreams of having awoken while in fact remaining dreaming. Many of Philip K Dick’s stories involve dreams within dreams and false awakenings.

Of sleep paralysis, Wikipedia says, “During REM sleep the body paralyzes itself as a protection mechanism to prevent the movements that occur in the dream from causing the physical body to move. However, this mechanism can be triggered before, during, or after normal sleep while the brain awakens. This can lead to a state where the awakened sleeper feels paralyzed. Hypnagogic hallucination may occur in this state, especially auditory ones. Effects of sleep paralysis include heaviness or inability to move the muscles, rushing or pulsating noises, and brief hypnagogic or

hypnopompic imagery. Experiencing sleep paralysis is a necessary part of WILD (wake-initiated lucid dream), in which dreamers essentially detach their ‘dream’ body from the paralyzed one.”

An out-of-body experience (OBE) might be considered a very special case of lucid dreaming. An OBE is characterised by floating outside of one’s body and even being able to look down on one’s body.

Sleeping is astounding because it allows us to switch from public to private consciousness (from a “matter” dominated sensory and thinking consciousness to a “mental” dominated feeling and intuitive consciousness), and back again. It does so via transitional states involving going into and coming out of sleep where bizarre phenomena can happen if these transitions are executed incorrectly.

If we speak of “mental consciousness” as our pure monadic consciousness and “matter consciousness” as our conventional body-conditioned consciousness associated with the material world, we can ask what happens if our mental consciousness intrudes into the material world (this, in fact, is an OBE), or if our matter consciousness intrudes into the mental world (this is sleepwalking).

Our “matter consciousness” dies when our body dies; our “mental consciousness” never dies since it’s never in space and time and is immaterial.

“Sleep inertia” – the groggy, confused state, with slowed reaction time and impaired short-term memory, as sleepers wake. Those who have just awoken often mumble or say things that make little sense. This has been called “hypnopompic speech”.

Most people in the world have never properly woken up. They all suffer from sleep inertia, and nothing they say makes any sense!

Holographic Eastern Religion

The best way of understanding the divine cosmic Oneness that stands at the centre of Buddhist and Hindu thinking, and the emphasis they put on the illusoriness of the material world, is via a cosmic Hologram. Buddhists and Hindus ought to abandon their mystical and obscurantist beliefs and become ontological Holographers. Of course, that's never going to happen because the truth is that Buddhism and Hinduism aren't enlightened at all. How can they be when they ignore the eternal light of mathematics, when they ignore dialectics and the principle of sufficient reason? Look at what Hindus are prepared to accept as part of their religion:

“The Harijans or Untouchables, the people outside the caste system, traditionally had the lowest social status. The untouchables lived on the periphery of society, and handled what were seen as unpleasant or polluting jobs. They suffered from social segregation and restrictions, in addition to being poor generally. They were not allowed to worship in temples with others, nor draw water from the same wells as others. Persons of other castes would not interact with them. If somehow a member of another caste came into physical or social contact with an untouchable, he was defiled and had to bathe thoroughly to purge himself of the contagion. Social discrimination developed even among the untouchables; sub-castes among them, such as the *Dhobi*, would not interact with lower-order *Bhangis*, who handled night-soil and were described as ‘outcastes even among outcastes.’” – Wikipedia

What's remotely enlightened about that? And isn't it *human, all too human* that those outside the caste system promptly created their own caste system! There's always some schmuck below you that you can kick and despise.

Right and Wrong

PA: “Make sure you understand the discipline you require to abandon the urge of the lower mind. And maybe, then, you can win and be truly in the light and then you can maybe be a student who doesn't claim to be a teacher.”

Often, people accuse the Illuminati of being arrogant. As they criticise us for lecturing people, they themselves are conducting a lecture, thus engaging in the very process they are condemning. What they actually dislike is the fact

that we don't agree with them. We are students *and* we are teachers. No intelligent person stops learning. However, we also have no hesitation in asserting that we are absolutely right and everyone who disagrees with us is absolutely wrong. All Jews, Christians and Muslims also believe that they are absolutely right and everyone who disagrees with them is absolutely wrong. In our case, though, we make no appeal whatsoever to beliefs, faith, revelation or prophets.

Illuminism, ultimately, is simply the exploration of the ramifications of the *Principle of Sufficient Reason*: there's a specific reason for everything; nothing at all can happen without a specific reason; even though the specific reason might be hard to observe and identify, it has *compulsory* presence.

To the extent that there's a "God", he's absolutely constrained by the Principle of Sufficient Reason. No one and nothing can contradict the Principle of Sufficient Reason. It's the supreme ontological axiom. Anyone who stands opposed to it is making the insane claim that the universe is *irrational*; they are stating that things happen for no reason, that the universe is fundamentally chaotic and random. Just look around you at Nature, at the cosmos. Do you see randomness and chaos, or do you see order, organisation and pattern absolutely everywhere? How could scientific laws be formulated if the universe were irrational? The word cosmos *means* order.

Cosmos (noun): "the universe, the world", from Latinized form of Greek *kosmos*; from the verb *kosmein* meaning "to order and arrange (troops for battle), to set (an army) in array;" also "to establish (a government or regime);" "to deck, adorn, equip, dress"(especially of women); "to dispose, prepare". Pythagoras was the first to apply this military word to the universe.

You cannot be a sane, rational person if you reject the Principle of Sufficient Reason. All believers are *mad*. All scientists who believe in chaos, randomness and a probabilistic universe are *mad*.

The Principle of Sufficient Reason is the axiom that defines the whole of ontological mathematics. Nothing happens in mathematics without a sufficient reason.

The whole basis of Illuminism is that, as a rationalist philosophy, anyone can work it out simply by consistently applying Leibniz's principle of sufficient reason, the basis of *hyperrationalism*.

The answer to life, the universe and everything is incontestable: it's the Principle of Sufficient Reason, and the ontological mathematics that

automatically flows from it. The Principle of Sufficient Reason is the single axiom that underpins everything. There is simply no rival, no alternative, no other rational possibility. “God” certainly doesn’t cut it unless he himself is equated with the Principle of Sufficient Reason and is thus a 100% rational God (of the type envisaged by thinkers such as Aristotle, Leibniz and Hegel). Manifestly, no rational God would ever order a father to murder his son, as the Abrahamic “God” ordered Abraham. That is not a God of Reason but a God of Absolute Obedience and Tyranny. No free person would ever do anything except rationally oppose such an entity.

The only conceivable rational approach to morality is via the Principle of Sufficient Reason. Kant’s *Categorical Imperative* (see below) probably comes closer than anything else. Unfortunately, human beings are irrational, so rational morality or rational categorical imperatives can play no part in *practical* human morality.

AL: “This is where those ‘Illuminati’ prove to be not illumined at all: ‘The Illuminati have often been accused of crypto-communism, but we loathe communism as much as we do capitalism. We are advocates of competition. We praise ambition...’ Competition and ambition are core values of the prevalent systems. First change yourself. And don’t preach on the beach please!”

This is a classic bullshit message, of which we have endured thousands over the years. Note the Manichean worldview. It’s not just *some* aspects of the prevailing system that are wrong according to AL, it’s *everything* – and it must be completely overthrown. Nothing at all can be salvaged, even in the smallest degree. This makes AL either an out and out Marxist (and, actually, even Marx often spoke approvingly of capitalism’s achievements), a hippie, a member of the “love and light” brigade or an Eastern mumbo jumboist.

AL opposes competition and ambition – so what on earth is he doing visiting a page about meritocracy? Meritocracy is inherently about competition – how else is merit to be gauged – and who but the ambitious want to be the most meritorious?

And let’s be crystal clear about this, competition and ambition are *not* core values of the prevalent system. Quite the contrary. The present system is all about *privilege* – monopolies, oligopolies, cartels, systems completely rigged in favour of the rich – and the whole point of these is to crush competition

and prevent anyone from challenging the rich elite. True competition is about equal opportunities for all and a completely level playing field for all. Rigged systems of privilege are the *opposite* of meritocratic competition.

Next, the elite are concerned only with *their* ambition. They have no ambition for humanity and no ambition for everyone below them in the pecking order. Indeed, they want all of these people to be extremely unambitious (exactly like AL, in fact – a man with no ambition, no competitive instinct and no merit: a total Marxist drag on society who wants everyone to be hauled down to his lowest common denominator level).

We make no apologies at all for ambition and competition, and if you are against these then you haven't understood a word we've said. This is a dialectical world of Will to Power. It's not for pussies and slaves. How can anyone aspire to become God if they're not ambitious, and willing to strive and compete to achieve it?

How dare AL comment on our work and spout his failed communist ideology and Eastern bullcrap. It was exactly people like AL – unambitious and uncompetitive – who brought communism to its knees. Communism created legions of talentless no marks like AL with big mouths and nothing to contribute, expecting others to do all the hard lifting.

As ever, we are accused of “preaching to the beach” by someone preaching to the beach. We are told that we have to change in order to be Illuminated whereas AL himself is of course in no need of having to change anything about himself since he's right and everyone else is wrong. In your fantasies, AL! What planet are you living on? It ain't Earth! Go and sit under a tree and smoke weed, you jerk.

Kant's Categorical Imperative

Kant's moral philosophy revolves around the concept of “the categorical imperative” that comes in three different formulations:

1) “Act only according to that maxim whereby you can at the same time will that it should become a universal law without contradiction.” – Kant

A moral maxim must imply absolute necessity and apply to *any* rational being.

2) “Act in such a way that you treat humanity, whether in your own person or in the person of any other, never merely as a means to an end, but always at the same time as an end.” – Kant

A person is not merely a means to some end, but always an end in himself.

3) “Therefore, every rational being must so act as if he were through his maxim always a legislating member in the universal kingdom of ends.” – Kant

We should conduct ourselves as if we were already living in a perfect moral realm. Wikipedia describes the Kingdom of Ends as:

“The kingdom of ends is a hypothetical state of existence that is derived from Kant’s categorical imperative. A kingdom of ends is composed entirely of rational beings, which Kant defines as beings who are capable of moral deliberation (though his definition expands in other areas). In order to be a part of the Kingdom of Ends, these rational beings must choose to act by maxims that imply absolute necessity. It is from this point of view that they must judge themselves and their actions.

“By the phrase kingdom, he means the ‘union of different rational beings in a system by common laws.’ These common laws, as established by the categorical imperative, are the laws used to evaluate the worth of an individual’s actions. With this kingdom of individuals all living by the categorical imperative, particularly Kant’s second formulation of it, our kingdom and all within it will treat all other members of this kingdom as ends in themselves, rather than as means to arriving at goals that one selfishly wants to accomplish for one’s own purposes. This systematic whole is the kingdom of ends.

“People can only belong to the kingdom of ends when they give universal laws unto it, and are subject to those same laws and all laws within. Such rational beings must regard themselves simultaneously as sovereign when making laws, and as subject when obeying them. Morality, therefore, is acting out of reverence for all universal laws which make the kingdom of ends possible. In a true kingdom of ends, acting virtuously will be rewarded with happiness.

“In his writings on religion, Kant interprets the kingdom of God as a religious symbol for the moral reality of the kingdom of ends. As such, it is the ultimate goal of both religious and political organization of human society.”

What Killed Stonehenge?

Once upon a time, the people of ancient Britain held their most important religious ceremonies at the great stone monument of Stonehenge. Then, suddenly, the site lost its significance. Why?

During Stonehenge's heyday, bodies were cremated and the ashes buried in graves in a circle (with none more important than another, thus showing the importance of community).

Afterwards, *status* came to Britain, dictated by possessions and, above all, by bling. The elite dead no longer wanted to be buried communally; they wanted special graves, in grand mounds, and to be buried with all their possessions. They abandoned cremation since that would mean burning their possessions. They must have had an idea that they could take their bling possessions and status with them to the afterlife, i.e. the status they enjoyed on earth could be retained even after death. A hierarchy of life and death had thus arrived.

The ancient communal culture had no reverence for the ugly, primitive stone tools that were available. No one felt attached to them. With the arrival of Bronze age tools and trinkets, people became highly attached to their objects. Immense value and status could be invested in them, which the dead thought would bring them advantages even in the grave!

So, a fundamental change occurred when metalwork arrived on the scene – when beautiful objects (bling) became possible.

During the Stone Age, when implements were rudimentary, no one worshipped objects and the culture was communitarian. When the Bronze Age replaced the Stone Age and implements became enormously more valuable and attractive, community died and the rat race of materialism began. Status arrived, bling arrived, the privileged elite arrived, hierarchy arrived, the master-slave system arrived.

Metal changed the world. Bling changed everything ... *all that glitters!*

Metal (valuable objects) killed community and gave birth to the age of the selfish individual preoccupied with status. Metal is the Devil's work! Metalwork was the deadly technology that corrupted the world. Metalwork created the rich elite.

“The Genius of the Species”

In *The Gay Science*, Nietzsche provided one of the most remarkable accounts of consciousness, one that comes close to being definitive:

“The problem of consciousness (more precisely, of becoming conscious of something) confronts us only when we begin to comprehend how we could dispense with it; and now physiology and the history of animals place us at the beginning of such comprehension (it took them two centuries to catch up with Leibniz’s suspicion which soared ahead [our note: Leibniz was the first to assert that we had perceptions of which we were not aware, i.e. he was the first true philosopher of the unconscious, and by that fact alone would be rendered one of the greatest thinkers of all time]). For we could think, feel, will, and remember, and we could also ‘act’ in every sense of that word, and yet none of all this would have to ‘enter our consciousness’ (as one says metaphorically). The whole of life would be possible without, as it were, seeing itself in a mirror. Even now, for that matter, by far the greatest portion of our life actually takes place without this mirror effect; and this is true even of our thinking, feeling, and willing life, however offensive this may sound to older philosophers. For what purpose, then, any consciousness at all when it is in the main *superfluous*?

“Now, if you are willing to listen to my answer and the perhaps extravagant surmise that it involves, it seems to me as if the subtlety and strength of consciousness always were proportionate to a man’s (or animal’s) capacity for communication, and as if this capacity in turn were proportionate to the *need* for communication. But this last point is not to be understood as if the individual human being who happens to be a master in communicating and making understandable his needs must also be most dependent on others in his needs. But it does seem to me as if it were that way when we consider whole races and chains of generations; Where need and distress have forced men for a long time to communicate and to understand each other quickly and subtly, the ultimate result is an excess of this strength and art of communication – as it were, a capacity that has gradually been accumulated and now waits for an heir who might squander it. (Those who are called artists are these heirs; so are orators, preachers, writers — all of them people who always come at the end of a long chain, ‘late born’ every one of them in the best sense of that word and, as I have said, by their nature squanderers.)

“Supposing that this observation is correct, I may now proceed to the surmise that consciousness has developed only under the pressure of the need for communication; that from the start it was needed and useful only between

human beings (particularly between those who commanded and those who obeyed); and that it also developed only in proportion to the degree of this utility. Consciousness is really only a net of communication between human beings; it is only as such that it had to develop; a solitary human being who lived like a beast of prey would not have needed it. That our actions, thoughts, feelings, and movements enter our own consciousness — at least a part of them — that is the result of a ‘must’ that for a terribly long time lorded it over man. As the most endangered animal, he needed help and protection, he needed his peers, he had to learn to express his distress and to make himself understood; and for all of this he needed ‘consciousness’ first of all, he needed to ‘know’ himself what distressed him, he needed to ‘know’ how he felt, he needed to ‘know’ what he thought. For, to say it once more: Man, like every living being, thinks continually without knowing it; the thinking that rises to consciousness is only the smallest part of all this — the most superficial and worst part — for only this conscious thinking takes the form of words, which is to say signs of communication, and this fact uncovers the origin of consciousness.

“In brief, the development of language and the development of consciousness (not of reason but merely of the way reason enters consciousness) go hand in hand. Add to this that not only language serves as a bridge between human beings but also a mien, a pressure, a gesture. The emergence of our sense impressions into our own consciousness, the ability to fix them and, as it were, exhibit them externally, increased proportionately with the need to communicate them to others by means of signs. The human being inventing signs is at the same time the human being who becomes ever more keenly conscious of himself. It was only as a social animal that man acquired self-consciousness — which he is still in the process of doing, more and more.

“My idea is, as you see, that consciousness does not really belong to man’s individual existence but rather to his social or herd nature; that, as follows from this, it has developed subtlety only insofar as this is required by social or herd utility. Consequently, given the best will in the world to understand ourselves as individually as possible, ‘to know ourselves,’ each of us will always succeed in becoming conscious only of what is not individual but ‘average.’ Our thoughts themselves are continually governed by the character of consciousness — by the ‘genius of the species’ that commands it — and translated back into the perspective of the herd. Fundamentally, all

our actions are altogether incomparably personal, unique, and infinitely individual; there is no doubt of that. But as soon as we translate them into consciousness they no longer seem to be.

“This is the essence of phenomenism and perspectivism as I understand them: Owing to the nature of animal consciousness, the world of which we can become conscious is only a surface-and sign-world, a world that is made common and meaner; whatever becomes conscious becomes by the same token shallow, thin, relatively stupid, general, sign, herd signal; all becoming conscious involves a great and thorough corruption, falsification, reduction to superficialities, and generalization.

“Ultimately, the growth of consciousness becomes a danger; and anyone who lives among the most conscious Europeans even knows that it is a disease.

“You will guess that it is not the opposition of subject and object that concerns me here: This distinction I leave to the epistemologists who have become entangled in the snares of grammar (the metaphysics of the people) . It is even less the opposition of ‘thing-in-itself’ and appearance; for we do not ‘know’ nearly enough to be entitled to any such distinction.

“We simply lack any organ for knowledge, for ‘truth’: we ‘know’ (or believe or imagine) just as much as may be useful in the interests of the human herd, the species; and even what is here called ‘utility’ is ultimately also a mere belief, something imaginary, and perhaps precisely that most calamitous stupidity of which we shall perish some day.”

Nietzsche places a tremendous emphasis on the unconscious, which became the main theme of Freud and Jung. He more or less defines the modern concept of the philosophical zombie, which Wikipedia describes as “a hypothetical being that is indistinguishable from a normal human being except in that it lacks conscious experience, qualia, or sentience. When a zombie is poked with a sharp object, for example, it does not feel any pain though it behaves exactly as if it does feel pain (it may say ‘ouch; and recoil from the stimulus, or tell us that it is in intense pain).”

Without acknowledging Hegel, Nietzsche agrees with Hegel that you can become self-conscious *only* in the company of others – consciousness is absolutely a social phenomenon (this insight is derived entirely from Hegel).

Nietzsche, when he talks about the importance of communication to the process of commanding and obeying, anticipates the bicameral theory of Julian Jaynes who believed that we once had a “master” right hemisphere of

the brain that hallucinated the “voices of the Gods” and was obeyed by a “slave” left hemisphere. Through the development of *written* language, the left hemisphere became independent of the voices in the right hemisphere and thus autonomous and “conscious”. The Gods were silenced, so to speak.

Yet we see, with a brilliant, charismatic orator such as Hitler, that a single godlike voice can return the masses to their bicameral, slavish state. The *hypnotist* – a godlike voice of authority and command – can make people bicameral. Abrahamism functions through priests, pastors, imams and rabbis acting as proxies for the voice of “God”. When they speak, they claim to be channelling God in some way. No one has exerted more influence over the world than the “prophet” – the individual who declares himself the spokesman of God.

It’s obvious that the bicameral mind still exists and is activated by strong, dominant voices. Consciousness is a thin veneer over bicameralism, and is mediated by the written rather than spoken word. A corollary is that people who can’t read and write are much less conscious than expert readers and writers. Professional writers such as novelists, poets, and playwrights are much more conscious than the masses (hence why they have much greater insight into the human condition).

Nietzsche calls artists, orators, preachers and writers “squanderers” of the art of communication since they have an excess of that ability.

Nietzsche denies the possibility of a private language (a theme later taken up by Wittgenstein), emphasizing that a human who grew up alone on a desert island would never have any language and never be conscious.

Nietzsche observes that humans have no “organ for truth” (*hyperrationalism* – through the principle of sufficient reason and ontological mathematics – is the only quality we possess that constitutes a faculty for truth, and most people are in fact unreasonable, irrational and ignorant of mathematics.)

Nietzsche makes a Dionysian point that we are more alive and *authentic* when we are behaving unconsciously: we are “deeper”. Apollonian consciousness provides, in Nietzsche’s opinion, a shallow and superficial *collective* experience, mediated by the herd, the sheeple, the masses. Just consider tabloid newspapers, women’s magazines, reality TV and TV in general – isn’t it all moronic, shallow, trivial junk that binds together the lowest common denominator?

Consciousness is unquestionably a social phenomenon (so the Abrahamic

God in his original divine isolation could not have been conscious!), and is driven by language (how did Abraham's God learn Hebrew, Aramaic or Arabic?). Social animals such as chimpanzees are unconscious because they do not have language (in the sophisticated human sense). Consciousness is language and language is *public* (not private). That's why we talk about a Community of Gods and a Society of the Divine. Your consciousness grows in accordance with the language skills of your peers. The less skilled at language you are, the less conscious you are. Stupid people are literally less conscious and closer to beasts than clever people.

We live in a moronic world, of poor language skills, where we are dominated by the unconscious and master-slave bicameralism. We need a far more intelligent world, where everyone uses language expertly – and then we will derive the full benefits of consciousness.

A prerequisite of consciousness is a brain hemisphere that performs inverse Fourier transforms and thus creates a localist, sensory, spacetime representation of the world. In humans, the left hemisphere (in most people) performs this role, while the right hemisphere is non-local and carries out Fourier transforms rather than inverse Fourier transforms (by which we mean that it deals directly with frequency functions rather than spacetime functions). Consciousness is related to localism and the unconscious to the non-local.

There's a vast, unconscious mental landscape (archetypal landscape in Jungian terms) that underpins the "physical", conscious world. Most of our existence, as Nietzsche notes, is actually concerned with this unseen, unconscious domain, with consciousness simply being the "reducing valve" at the end of the line that makes superficial sense of it all, usually by way of an infantile religious Mythos.

So, consciousness is all about: localism, spacetime representations, an archetypal substructure, and it has a "master-slave" bicameral underpinning and origin. Above all, it's about language – *public* language – verbal and, especially, written. In Julian Jaynes's bicameral theory, writing was the key to the rise of consciousness. In a way, this contradicts Nietzsche's hypothesis about the social nature of consciousness since reading a book allows a person to enjoy another person's thoughts in an entirely private context. The physical presence of the author isn't required; no social interaction is necessary. Writing is the *privatization* of language in some sense. Spoken language is social and the reading of written language is private (unless it's

being read aloud to a group).

Consciousness is, ultimately, all about being a private individual in a social context. A “private” human being on a desert island would never become conscious. “Public” human beings with verbal language alone are “bicameral”. Only human beings with “public” language (verbal) and “private” language (which in this context means they can read and write and thus study another person’s ideas without any interaction with them) are truly conscious. People who can barely speak are barely conscious. People who can’t read and write have radically restricted consciousness.

Babies can’t speak, read or write, hence are formally unconscious. Their first sign of consciousness occurs when they recognize themselves in a mirror. This means that they have grasped “individuation” – that they are specific objects in the world. This is a precondition of consciousness but is not consciousness itself. Other animals can pass the mirror test, but they have no language, hence are not conscious.

“Man, like every living being, thinks continually without knowing it; the thinking that rises to consciousness is only the smallest part of all this — the most superficial and worst part — for only this conscious thinking takes the form of words, which is to say signs of communication, and this fact uncovers the origin of consciousness.” – Nietzsche

It’s a crucial point that thinking is *not* synonymous with consciousness. Thinking is in fact quintessentially *unconscious* since that’s where the vast majority of it takes place. Accordingly, this type of thinking is *dreamlike*, operating by way of signs, icons, images, feelings, desires, intuitions and symbols.

It’s also a fascinating point that consciousness, for Nietzsche, is all about “signs of communication”. He calls these “words” but of course they can be anything else – symbols or signs – that are understood by the group. That’s exactly why we live in a world so obsessed with status symbols and signs of prestige and privilege. These are all part of consciousness. They are all communicating unambiguous messages of who has money, power and influence, and who doesn’t. Arguably, it’s “sign consciousness” rather than “word consciousness” that truly rules our world. The rich are, of course, the most expert in the wielding of “sign consciousness”. Through it, they create a

“false consciousness” in the masses, causing the masses to do their bidding like slaves.

“Our thoughts themselves are continually governed by the character of consciousness — by the ‘genius of the species’ that commands it — and translated back into the perspective of the herd.” – Nietzsche

Socrates spoke of having his own *daemon* looking after him and guiding him. If an individual can have a guardian angel, or guiding spirit, then why not a race or species?

Jews, Christians and Muslims have their collective guiding spirits (Jehovah, Moses and the Torah in the case of the Jews; Christ and the Bible for the Christians, and Allah, Mohammed and the Koran for the Muslims).

Conscious humans are social animals and that means they fall into three clear camps: other-directedness whereby they take their lead from what their peers are thinking and doing; tradition-directedness where they take their lead from the entrenched culture, traditions and institutions obeyed and revered by their elders and peers; and inner-directedness where they take their lead from their parents.

We might think of other-directedness as rule by your liberal peer group, all of whom are following the latest fashions. Tradition-directedness is rule by your conservative elders who do what has always been done (the *traditions*) and reject fashion and change. Inner directedness is rule by your radical parents where you follow the values they instil in you regardless of peers and traditions.

What we need are *autonomous* individuals who look to themselves rather than their peers, elders or parents. They are self-defining and self-creating. As Nietzsche so brilliantly put it, “We, however, want to become those who we are – the new, the unique, the incomparable, those who impose on themselves their own law, those who create themselves!”

Autonomous humans are hyperhumans, omega humans ... humans on the threshold of divinity. They are also the most conscious humans. They are *informed*, but not *controlled*, by the consciousness of others. All other types are controlled by others, at the expense of their own consciousness. Jews, Christians and Muslims cannot be considered either fully conscious or fully human. They are defined by an unseen, rationally impossible, “Old Man in

the Sky”.

We might say that there are two kinds of human being: 1) those, like Socrates, who are guided by their own Higher Self: these are autonomous individuals, and 2) those, like the Jews, Christians and Muslims, who are guided by a collective “spirit”, which they obey robotically, like our bicameral ancestors.

As for the media, they serve as the daemon of the elite, spreading their brainwashing message everywhere and constructing a false consciousness amongst the common herd and sheeple.

Nietzsche and the Noosphere

Nietzsche sees consciousness as a kind of noosphere of the type spoken about by Teilhard de Chardin. However, whereas the latter saw the evolution of the noosphere leading to greater *personalisation*, Nietzsche saw it in the context of *killing* the individual and promoting the herd man, the mass man.

In a way, both are right. The noosphere involves a *dialectical struggle*. At a low level, it can produce the horrific conformity that terrified Nietzsche, but, at a higher level, it can produce wondrous, autonomous *hyperhumans*. We certainly need to direct the noosphere towards *that* goal rather than the grim alternative. With the internet, we see this dialectical struggle happening right of front of us. Most of social networking involves utter junk and trivia. Only a tiny fraction serves higher ends.

Nietzsche, the Internet and Social Networking

“Consciousness is really only a *net* of communication between human beings.” – Nietzsche

Therefore, the internet, as the global “net of communication” is changing the consciousness of the human race.

“All becoming conscious involves a great and thorough corruption, falsification, reduction to superficialities, and generalization.”

Facebook!

“Whatever becomes conscious becomes by the same token shallow, thin, relatively stupid, general, sign, herd signal.” – Nietzsche

Facebook, again.

“Ultimately, the growth of consciousness becomes a danger; and anyone who lives among the most conscious Europeans even knows that it is a disease.” – Nietzsche

Facebook, Twitter, social networking.

“My idea is, as you see, that consciousness does not really belong to man’s individual existence but rather to his social or herd nature; that, as follows from this, it has developed subtlety only insofar as this is required by social or herd utility.” – Nietzsche

Social networking reinforces herd values and does not promote autonomous individualism. Clever outsiders get nowhere on the internet.

“Each of us will always succeed in becoming conscious only of what is not individual but ‘average.’” – Nietzsche

Social networking is all about conformity. Where are the characters, the personalities? Twitter has plenty of herd “followers” but where are the shepherds, the wolves, the leaders – other than cheap, dumb celebrities?

“Our thoughts themselves are continually governed by the character of consciousness — by the ‘genius of the species’ that commands it — and translated back into the perspective of the herd.” – Nietzsche

The internet may horrifically amplify humanity’s herdlike instincts.

“It was only as a social animal that man acquired self-consciousness — which he is still in the process of doing, more and more.” – Nietzsche

Thus social networking is producing more and more “consciousness”, but not of a healthy kind. It’s generating *herd* consciousness rather than *autonomous* consciousness.

“But as soon as we translate [our actions] into consciousness they no longer seem to be [individual].” – Nietzsche

Gangnam Style. The Harlem Shake! People are always seeking to make individual actions collective. Where is the dancer that no one can copy? Would anyone pay any attention to him or her?

“We ‘know’ (or believe or imagine) just as much as may be useful in the interests of the human herd, the species; and even what is here called ‘utility’

is ultimately also a mere belief, something imaginary, and perhaps precisely that most calamitous stupidity of which we shall perish some day.” – Nietzsche

Abrahamism, Karmism, democracy, free-market capitalism.

“A solitary human being who lived like a beast of prey would not have needed [consciousness].” – Nietzsche

Psychopaths – as human predators (beasts of prey) – are not fully conscious. They have no positive empathy or sympathy and cannot communicate at a deep level with other people.

The Consciousness Riddle

“For what purpose, then, any consciousness at all when it is in the main *superfluous*.” – Nietzsche

It’s a simple fact that all terrestrial animals, except humans, get by perfectly well without consciousness. Consciousness is in this sense indeed superfluous as far as animal life is concerned. Yet Nietzsche was the great advocate of Will to Power and who are the masters of the world? – the *conscious* humans! Therefore, there’s nothing superfluous about consciousness at all. It’s precisely the vehicle to higher and higher power, and ultimately to divine power through *gnosis*.

Descartes and Principle of Sufficient Reason

Descartes thought consciousness defined the human mind. However, babies are human and are not conscious. Consciousness is something *derived* from the unconscious mind and cannot exist without an unconscious substratum.

By the principle of sufficient reason, if there is *one* mind then there are *infinite* minds. In Cartesian terms, we might say, “I have *mental activity* (which can be unconscious) therefore I am. I am a mind, outside space and time. I am uncreated. I am indestructible and eternal. I am an uncaused cause. And there are infinite others just like me since there is no sufficient reason to allow me to exist (or an arbitrary finite number of minds like mine), but to prevent the existence of *infinite* minds.”

The universe is *made* of minds. This is a *mental universe*. Matter is mental too. The essence of mind is *mathematics*. A mind is a *mathematical*

processor.

To say that the world is made of minds is to say that it is made of mathematics since a mind is nothing but mathematics.

Nietzsche and “I”

“Believe it or not, there are problems even with the claim that *I think, therefore I am*. As various people who came after Descartes pointed out, you cannot really be certain even of this. [Nietzsche] clearly identified the problem. Suppose there were no you. Instead, there were simply a collection of thoughts, and some of these thoughts were thoughts to the effect that these thoughts belonged to a certain person – you. So, at one moment, there are various thoughts, and among these thoughts is the one that all these things belong to a given person, say you. Then, at the next moment, there are other thoughts, and among these thoughts is the thought that all these thoughts belong to the same person: you. Then, if this repeated from moment to moment, this would lead to the belief that all thoughts belonged to the same person. But there need be no same person there at all. All that is needed is the thought that all these thoughts belong to the same person, *whether they do or not*. That is, the person that the thoughts all reputedly belonged to could be a purely imaginary person. A situation where there existed a collection of thoughts of this sort – a situation where the thoughts all seemed to, but didn’t really, belong to the same person – would be indistinguishable from a situation where all the thoughts did, in fact, all belong to the same person. According to Nietzsche, all we can really be certain of is that there are thoughts, we cannot be certain of the existence of the person to whom the thoughts, supposedly, belong. Perhaps there are just thoughts, and no person to whom the thoughts attach; but in any case, we can only be certain of the existence of thoughts, not of the person to whom the thoughts, supposedly, attach.” – Mark Rowlands, *The Philosopher at the End of the Universe*

How can we analyze this question in terms of the Principle of Sufficient Reason? Let’s take the existence of one thought as our starting point. Since there is no sufficient reason why only one thought should exist, nor an arbitrary number of thoughts, then there must, rationally, be an infinite number of thoughts. Since there is no sufficient reason why infinite thoughts should have come into existence at any arbitrary moment then infinite thoughts have existed at all possible moments (i.e. infinite moments).

The next question is whether thoughts are free-floating or belong to a thinker. If thinkers – by which we mean subjects (“I’s”) – do *not* exist then how could the thought arise that they *do* exist? (In similar vein, if there is no such thing as free will in the universe, how could the thought arise that there is free will – what possible rational basis could there be for a thought pertaining to something that is formally impossible in an 100% unfree universe?) There is no sufficient reason for thoughts to conjure a fantasy – a *systematic* fantasy – that thinking subjects exist if there are in fact no thinking subjects. Why would nature, at the fundamental level, be predicated on fantasy, delusion, lies, deceit and nonsense rather than truth and reason? By Occam’s razor, the simplest explanation is to be preferred. Thoughts that indulge in fantasy are much less *simple* than thoughts that reflect the simple, straightforward truth. In order for fantasy to exist, there must be a true order that is then *subverted*. In fact, it is formally impossible for the universe not to be based on a true order. i.e. *things as they are*.

So, the Nietzschean analysis presented in the above quotation is ingenious but ultimately fallacious. It implies that the universe is fundamentally irrational and indeed *insane*. If that were so – and how *could* it be? – then why would there be any order, logic, organisation and pattern in the universe? Why would scientific laws exist? Why would there be such a thing as reason?

Nietzsche has taken his nihilism, cynicism and skepticism too far. Contrary to what he says, the fact that thoughts revolve around the notion of a thinking subject (an “I”) is the technical, rational *proof* that I’s exist – because it would serve no conceivable reason or function for free-floating thoughts to invent the concept of “I”; indeed it would be impossible. And from where would these free-floating thought arise? Nietzsche simply begs the question. Descartes is 100% correct. Thoughts belong to I’s. Only I’s can think, and thinking *is* existence.

In Illuminism, monads – the fundamental ontological units – are pure thinking subjects; thinking is what they do; in fact, it’s all they do. Minds are mathematical and the thoughts they think are mathematical. Thinking (by which we mean all aspects of mental activity including feeling, willing, desiring, sensing) is the activity, the *sole* activity, performed by minds. There are no thoughts without minds to think them. Thoughts are what minds produce. They are minds’ output.

Nietzsche's Will to Power

“Supposing that nothing else is ‘given’ as real but our world of desires and passions, that we cannot sink or rise to any other ‘reality’ but just that of our impulses—for thinking is only a relation of these impulses to one another:—are we not permitted to make the attempt and to ask the question whether this which is ‘given’ does not *suffice*, by means of our counterparts, for the understanding even of the so-called mechanical (or ‘material’) world? I do not mean as an illusion, a ‘semblance,’ a ‘representation’ (in the Berkeleyan and Schopenhauerian sense), but as possessing the same degree of reality as our emotions themselves—as a more primitive form of the world of emotions, in which everything still lies locked in a mighty unity, which afterwards branches off and develops itself in organic processes (naturally also, refines and debilitates)—as a kind of instinctive life in which all organic functions, including self-regulation, assimilation, nutrition, secretion, and change of matter, are still synthetically united with one another—as a *primary form* of life?—In the end, it is not only permitted to make this attempt, it is commanded by the conscience of *logical method*. Not to assume several kinds of causality, so long as the attempt to get along with a single one has not been pushed to its furthest extent (to absurdity, if I may be allowed to say so): that is a morality of method which one may not repudiate nowadays—it follows ‘from its definition,’ as mathematicians say. The question is ultimately whether we really recognize the will as *operating*, whether we believe in the causality of the will; if we do so—and fundamentally our belief *in this* is just our belief in causality itself—we *must* make the attempt to posit hypothetically the causality of the will as the *only* causality. ‘Will’ can naturally only operate on ‘will’—and not on ‘matter’ (not on ‘nerves,’ for instance): in short, the hypothesis must be hazarded, whether will does not operate on will wherever ‘effects’ are recognized—and whether all mechanical action, inasmuch as a power operates therein, is not just the power of will, the effect of will. Granted, finally, that we succeeded in explaining our entire instinctive life as the development and ramification of one fundamental form of will—namely, the Will to Power, as my thesis puts it; granted that all organic functions could be traced back to this Will to Power, and that the solution of the problem of generation and nutrition—it is one problem—could also be found therein: one would thus have acquired the right to define *all* active force unequivocally as *Will to Power*. The world

seen from within, the world defined and designated according to its ‘intelligible character’—it would simply be ‘Will to Power,’ and nothing else... ‘What? Does not that mean in popular language: God is disproved, but not the devil?’—On the contrary! On the contrary, my friends! And who the devil also compels you to speak popularly!”

Here, Nietzsche makes a couple of crucial comments. Firstly, we should not assume several kinds of causality. Scientific materialism asserts that only materialist causality exists. Mental causality is denied. Free will is therefore denied. If free will is in fact the core of existence and therefore has causal agency then Nietzsche is surely right when he says:

“‘Will’ can naturally only operate on ‘will’—and not on ‘matter’ (not on ‘nerves,’ for instance): in short, the hypothesis must be hazarded, whether will does not operate on will wherever ‘effects’ are recognized—and whether all mechanical action, inasmuch as a power operates therein, is not just the power of will, the effect of will.”

The question then becomes one of explaining where scientific causality comes from, or if it exists at all. In Illuminism, will is the primary causal agent, just as Nietzsche says – but it’s will grounded in mathematics. Will is an activity that subjective minds exhibit and is all about mathematical energy that’s under the direct control of minds. But is there such a thing as energy that is not under direct control of minds? Doesn’t all energy come from monads, hence isn’t it all under mental control? Therefore, whence matter?

The answer lies in the concept of private and public (shared) energy. Most energy is locked inside monads and can’t be shared. However, there is a low energy band of energy common to all monads that, mathematically, can be shared between the entire monadic ensemble, thus creating the phenomena of dimensionality, extension spacetime and matter.

The shared nature of this energy means that it’s subject to public (collective) rules rather than private rules. Therefore it does not relate to individual will (which is a function of private monads) but to *collective will*. Where private will is based on feelings, desire, individual reason (and indeed irrationality) – hence is unpredictable – collective will has all feeling, desire and irrationality stripped out of it (almost like Jean-Jacques Rousseau’s “General Will”), leaving only one thing: mathematical energy, controlled by

the impersonal laws of mathematics. In other words, even though nothing exists but monadic energy (which provides the vehicle of will), this can be expressed in a shared mode where all *personalised* expressions of will are stripped out, leaving just machinelike mathematical necessity – the world of scientific laws.

The material world is *absolutely* part of the mental world of will, but is expressed in a very particular, shared way (rather than privately) that radically transforms (and disguises) its true *wilful* nature. Nietzsche is thus triumphantly vindicated.

Power – the Lust to Win

The most obvious demonstration of power is to be crowned “the winner”. For some people, winning is literally all that matters in life. Everyone wants to be a winner and everyone dreads being a loser. Winners are respected, admired and have an aura. Losers have nothing. They’re full of shame and self-loathing. Yet, by definition, almost everyone is a loser, and *everyone* loses in the end.

“There is no room for second place. There is only one place in my game and that is first place. I have finished second twice in my time at Green Bay and I never want to finish second again.” – Vince Lombardi

“The only yardstick for success our society has is being a champion. No one remembers anything else.” – John Madden

“I hate to lose more than I love to win.” – Jimmy Connors

“Play to win because *almost* doesn’t cut it.” – Ana Monnar

“Winning tastes good.” – Jean Claude Killy

“I haven’t celebrated coming in No. 2 too many times.” – Mark Messier

“Every time you win, you’re reborn; when you lose, you die a little.” – George E Allen

“Ever notice that people never say *It’s only a game* when they’re winning?” – Ivern Ball

“I don’t believe in this business of being behind, better to be in front.” – Mel Brooks

“When you’re a winner you’re always happy, but if you’re happy as a loser you’ll always be a loser.” – Mark Fidrych

“Winners never quit, and quitters never win.” – Vince Lombardi

“Winning is a habit. Unfortunately, so is losing.” – Vince Lombardi

“Winning is not a sometime thing; It’s an all the time thing. You don’t win once in a while; you don’t do things right once in a while; you do them right all the time.” – Vince Lombardi

“All right Mister, let me tell you what winning means... you’re willing to go longer, work harder, give more than anyone else.” – Vince Lombardi

“Leaders live by choice, not by accident.” – Mark Gorman

“Winning is a state of mind that embraces everything you do.” – Bryce Courtenay,

“Obstacles are challenges for winners and excuses for losers” – M.E Kerr

“Winners have simply formed the habit of doing things losers don’t like to do.” – Albert Gray,

“The most distinguishing feature of winners is their intensity of purpose.” – Alymer Letterman

“If you can accept losing you can’t win. If you can walk you can run. No one is ever hurt. Hurt is in your mind.” – Vince Lombardi

“If you cannot win, make the one ahead of you break the record.” –Jan McKeithen

“To finish first, you must first finish.” – Rick Mears

“If winning (success) was easy, then everybody would be doing it. It’s the hard that makes it great!” – *A League of Their Own*

“The real winners in life are the people who look at every situation with an expectation that they can make it work or make it better.” – Barbara Pletcher

“You can become a winner only if you are willing to walk over the edge.” – Damon Runyon

“There are one hundred and ninety nine ways to get beat, but only one way to win; get there *first*.” – Willie Shoemaker

“Winning isn’t everything, but losing is nothing.” – Red Symons

“The only way to be number one is to be number one.” – *Unknown*

“Nobody remembers who finished second but the guy who finished second.” – Bobby Unser

“The winner persistently programs his pluses; the loser mournfully magnifies his minuses.” – William A.Ward

“What does it mean to be the best? It means you have to be better than the number two guy. But what gratification is there in that? He’s a loser—that’s why he’s number two.” – Jarod Kintz

Conclusion

In Illuminism, Nietzsche’s cosmic Will to Power is interpreted as the intrinsic inner drive of all living mathematical monads/minds – *souls* – to solve themselves, to optimize themselves. Mathematics is all about solving equations, so living mathematical entities would do precisely this. But what is the end-point, the omega point, for a monad’s self-optimization process? What is the “solution” to a monad’s personal equation? It’s the optimization of *power*. When a monad has made its power maximum, there is no point in making further changes to the equation since that would result only in a loss of power, hence a less optimal solution. The condition whereby a monad has achieved the zenith of power – complete actualization of all of its original potential – is what we call “God”.

The process of becoming God is simply dialectical mathematics. The fundamental question is how does a living mathematical entity maximize its individual power in an infinite cosmic system of other such entities, all with exactly the same aim?

There are two ways in which a monad can proceed:

1) View all other monads as rivals, enemies, resistances and obstacles to be overcome. The task, in this worldview, is to defeat, subjugate, conquer and even destroy all opposition. This is the origin of the master-slave dialectic. This worldview revolves around conflict and competition. It promotes selfishness, greed, immorality, the pursuit of naked self-interest. In our world, it’s enshrined in free-market capitalism, in systems of privilege, in racism, sexism, nationalism, patriotism, chauvinism, intolerance, discrimination, domination, extremism, fanaticism, totalitarianism.

All of these reflect what we call the *Satanic* dialectic. This is the true source of evil. All right wingers are Satanic. Right wing systems are defined by rigged competition (privilege), oppression, inequality, division, “them and us”. Right wingers are champions of the individual and the family; they despise society, community and the State. Anarcho-capitalist libertarians are fanatical right wingers who oppose the “collective” in every possible way. Right wingers are fundamentally attracted to power pyramids, to “apex

predation”, to authoritarianism via a strong individual (the Strong Man, the Fuehrer, the Duce, the Great Leader).

They subscribe to master-slave religions such as Abrahamism where “God” is the supreme power, ultimate dictator and tyrant. Only extreme right wingers could be true Jews, Muslims or Christians. When “God” ordered Abraham to murder his son, this made perfect sense to right wingers, while being incomprehensible to left wingers. Right wingers always see life as disposable (despite claiming to be “pro life”), and always think it’s right to obey the supreme power (the apex predator), no matter what. Right wingers believe fundamentally in inequality and resist any attempts to equalize the world. Right wingers embrace kings, emperors, popes, nobility, aristocracy, privileged elites, the super rich, dynastic power, inherited wealth, enormous disparities in wealth and power.

Darwinism – a ferocious struggle for survival and power where the strong come out on top and dominate and exploit the weak – is supported by all right wingers (even if they pretend to oppose it theologically!). They regard this as the “natural order”. Right wingers have a view of the natural world as a savage, “red in tooth and claw”, Hobbesian war of “all against all” (“... and such a war as is of every man against every man”). Hobbes famously said, “No arts; no letters; no society; and which is worst of all, continual fear and danger of violent death; and the life of man, solitary, poor, nasty, brutish, and short.”

Right wingers see right wing authoritarianism as the cure for this condition. Right wingers support the “private” in all respects – they want private individuals to dictate to the State; they believe in private wealth and the private sector, and demand that the State keeps out of private affairs. They are advocates of “negative liberty”, requiring the State to interfere minimally in people’s lives, which has the invariable consequence of allowing a private elite to dominate society (exactly as we see in the world today).

2) The alternative is for a monad to view all other monads as friends, allies, colleagues, comrades and companions. The task, in this worldview, is to all work together for the greater good. This is the origin of the “moral”, altruistic, egalitarian dialectic. This worldview is defined by cooperation. It promotes selflessness, self-sacrifice, altruism, friendship, fairness, justice, equal opportunities, community, harmony, peace, love, friendship. It’s enshrined in the ideology of communism, of left-wing anarchism, of

socialism, of Republicanism (i.e. anti-monarchy), of democracy (as an ideal rather than how it functions in reality). It's utterly opposed to free-market capitalism, to privilege, racism, sexism, nationalism, patriotism, intolerance, discrimination, domination, extremism, fanaticism and totalitarianism (although, it has an unfortunate tendency to be sabotaged and hijacked by totalitarians such as Stalin and Pol Pot).

All of these reflect what we call the *Luciferian* dialectic. This is the true source of "good". All left wingers are fundamentally Luciferian. Left wing systems are always about cooperation and community, about reducing enormous disparities in wealth and power, about redistribution of the "goodies" from rich to poor. They are about "we" rather than "us and *them*". They are all about what people have in common rather than what divides them. They call for harmony, unity, commonality and solidarity. Left wingers downplay the individual and the family and instead promote the community and society. They despise private power, privileged power, exclusive elites. They support the "collective" (hence are the hated target of fanatical right wingers such as Ayn Rand).

Left wingers are fundamentally attracted to round tables rather than power pyramids, to panels and committees rather than strong leaders. They subscribe to religions of peace, love, harmony and unity (hence are much more attracted to Eastern rather than master-slave Western religion). Left wingers often have a religious vision of being embraced by a great cosmic Oneness of pure love and harmony – a domain of light that unites all. They are appalled by the notion of slave souls worshipping a dictator Master (the Abrahamic vision).

No true left winger could *ever* be a Jew, Muslim or Christian. When "God" ordered Abraham to murder his son, this revealed that he was in fact the Devil! Left wingers are pro-choice and promote *quality* of life. Where right wingers are eager to secure a high quality of life for themselves and fuck everyone else (i.e. they are happy to see others have a low quality of life), left wingers want *everyone* to have a good quality life.

Left wingers reject kings, emperors, popes, nobility, aristocracy, privileged elites, the super rich, dynastic power, inherited wealth, extreme wealth imbalances. Even if they accept Darwinism as a reality, they wish to overcome it and believe they can – through love, morality and cooperation. Where right wingers think nature is Hobbesian and Darwinian, left wingers agree with Rousseau's view of the "Noble Savage".

Rousseau believed that humans – before they were enslaved by corrupt manmade institutions – were cooperative and harmonious, seeing no need to fight. For Rousseau, it was the invention of “private property” that ruined the world and was the true source of conflict between people (a view echoed by Marx and all socialists and left-wing anarchists, but definitely not by right-wing anarchists who, perversely, worship property).

Before the advent of private property, there was no need for people to fight since they shared everything equally. No one felt they were losing out. Left wingers regard this peaceful world before the advent of private property as the “natural order”. Where right wingers support the “private”, left wingers support the “public”. Right wingers support private ownership and left wingers public ownership; right wingers promote the private sector and left wingers the public sector; right wingers support private wealth and left wingers the *Commonwealth*. Right wingers support the individual and the family, left wingers the community and society.

Left wingers want the State to control and curb private wealth and power, and to heavily regulate private elites. They are advocates of “positive liberty”, requiring the State to take a great interest in people’s lives, and to seek to transform Society into a paradise, full of perfected people. Where right wingers think perfection and paradise is for “God” to sort out, left wingers do not think any “God” is required. Right wingers want particular individuals and families to achieve divine status on Earth (the super rich, monarchs, privileged elites, celebrities, dynastic families). Left wingers want *everyone* to be divine.

With this simple dichotomy of destructive (as opposed to constructive) competition versus cooperation, right wingers versus left wingers, the individual and the family versus community and society, selfishness versus altruism, evil versus good, the master-slave dialectic versus the moral dialectic, the pleasure principle versus the morality principle, negative liberty versus positive liberty, privileged elites versus “liberty, equality, fraternity”, we see the whole of world history reflected. There is no mystery at all about what has happened in our world. It’s inevitable given the presence of these two opposite tendencies. As Hegel rightly observed, history is entirely driven by dialectical forces.

One thing that must be emphasized above all is the inherent evil of right wing ideology. Right wingers typically see themselves as highly good and moral. They’re not: they’re the *opposite*. They are truly Satanic, which is why

they worship the Devil-God of Abrahamism. The Golden Rule – *Do as you would be done by; Love thy neighbour as thyself; Do unto others as you would have them do unto you* – is the quintessence of left wing, communitarian thinking. Right wingers deny the existence of community and society, promote the interests of powerful individuals and families at all times (and have zero consideration for everyone else), and go out of their way to treat others as they themselves would *never* want to be treated.

In what way does the economic core of right wing ideology – free-market capitalism – in any way promote love of one’s neighbour, or doing unto others what you would want them to do unto you? Free-market capitalism is all about shafting your rivals, screwing them over and celebrating the most ruthless “winners takes all” mentality. It’s intrinsically immoral and evil, and no authentically religious person could ever endorse it. Free-market capitalism enshrines the *Base Metal Rule* – First is first, second is *nowhere*; Second is the first of the *losers*; Winning isn’t everything, it’s the *only* thing.

Ayn Rand, a patron saint of right wingers, openly proclaimed the “virtue of selfishness” and her utter detestation for “looters and moochers” (i.e. ordinary people!). She assigned the State only one role: to provide a police force and army to protect the lives, property and assets of the rich, i.e., the State’s sole function was to ensure that the rich stayed rich, and was not to exist beyond that!

“In a higher phase of communist society, after the enslaving subordination of the individual to the division of labour, and therewith also the antithesis between mental and physical labour, has vanished; after labour has become not only a means of life but life’s prime want; after the productive forces have also increased with the all-around development of the individual, and all the springs of co-operative wealth flow more abundantly—only then can the narrow horizon of bourgeois right be crossed in its entirety and society inscribe on its banners: From each according to his ability, to each according to his needs!” – Marx

Of this famous Marxist slogan – *From each according to his ability, to each according to his needs!* – Wikipedia says:

“Although Marx is popularly thought of as the originator of the phrase, the slogan was common to the socialist movement and was first used by Louis

Blanc in 1839, in *The Organization of Work*. The origin of this phrasing has also been attributed to the French utopian *Morelly*, who proposed in his 1755 *Code of Nature* ‘Sacred and Fundamental Laws that would tear out the roots of vice and of all the evils of a society’, including:

I. Nothing in society will belong to anyone, either as a personal possession or as capital goods, except the things for which the person has immediate use, for either his needs, his pleasures, or his daily work.

II. Every citizen will be a public man, sustained by, supported by, and occupied at the public expense.

III. Every citizen will make his particular contribution to the activities of the community according to his capacity, his talent and his age; it is on this basis that his duties will be determined, in conformity with the distributive laws.”

This is a typical left wing manifesto that would appal all right wingers and have them reaching for their assault rifles.

All left wingers are shocked when they learn that 40% of the human race own 1% of the wealth of the world, while 1% own 40% of the wealth. Right wingers aren’t shocked at all. For them, this is how “God” intended things to be; it’s entirely “natural”. Right wingers are always rich, expecting to be rich or dreaming of being rich. In the standoff between the 99% and the 1%, many of the 99% are traitors who support the 1% and aspire to be in the 1%. Every American who votes Republican is backing the 1%.

Remarkably, the Freudian Psyche reflects how the universe operates. It consists of three components: Id (“It”); Ego (“I”); Superego (“Above I” – the “parental” function; the conscience; the rules of society). The Id is totally selfish, has no conscience, and relentlessly pursues the *Pleasure Principle*. It’s concerned only with itself. The Superego is altruistic and obeys the *Morality Principle*. It’s concerned with *others*. The Id is right wing (free-market capitalism is all about pandering to the Id; it’s about what you *want* rather than what you *need*; it’s about instant gratification and self-indulgence). The Superego is left wing and concerned with the laws of society, how to conduct yourself with others, how to respect others and enact the Golden Rule.

The great left-wing/ right-wing struggles of history simply reflect our own psyches and the respective balance of Id to Superego in our individual minds. Right wingers are prone to extreme selfishness and left wingers to excessive

egalitarianism and altruism. Their conflict reflects the cosmic battle between Satan and Lucifer, between hate and love, between separation and wholeness, between the one and the many, between the individual and the community.

The right wingers – the “id-iots” – worship money and power. They always look out for No.1 (themselves and their families), are obsessed with winning at any cost, and despise any interference in their life from the “Collective” (the rest of humanity). They are tradition-directed or inner-directed.

The left wingers – the Moralists – are do-gooders, Hippies, New Agers, the Love and Light brigade, socialists, communists, Buddhists, vegans, animals rights protestors, environmentalists, eco-warriors, “crusties”, the Occupy Movement, and so on. They are other-directed.

It would be better to call the id “Me” and the superego “We”. The right are obsessed with “Me” and the left with “We”.

Left and Right are *both* wrong. They are thesis and antithesis, and what is needed is a dialectical synthesis. In the Freudian psyche, the Ego, obeying the *Reality Principle*, acts as the mediator between thesis and antithesis. It creates the synthesis that represents the best compromise. Unfortunately, society does not have the functional equivalent of an Ego and a Reality Principle. Societies typically reflect either the Id *or* the Superego. They are overly authoritarian such as Iran, North Korea and Saudi Arabia, or overly self indulgent and pleasure-seeking, such as America. There is never a healthy balance. Tendencies are always pushed to the extreme. Free-market capitalists, for example, want absolutely free markets, with no regulation whatsoever. Those gaining an advantage always seek to gain *maximum* advantage! Whatever strategy is favouring them, they demand its *undiluted* implementation. In Muslim nations, they demand more and more Islam, more and more Sharia Law, more and more persecution of infidels. In the end, every country is ruled by extremists. America, for example, isn’t ruled by the people but by fanatical free-market capitalist zealots (the economic equivalent of the Taliban).

America is entirely controlled by those who shape its capitalist economy. The people have nothing to do with it; *they have no power at all*. Free-market capitalism literally shapes the consciousness of Americans, and, since it’s not something over which any ordinary American has any meaningful say or control, then most Americans have a *false consciousness*, manufactured by the ruling elite to serve the interests of the ruling elite.

In Jung's psychology, conscious psychic elements are balanced by unconscious elements. So, a person's behaviour can flip if his unconscious attitudes intrude into his conscious conduct. A balancing act also applies to right and left wing ideologies. Right wing Americans are highly committed to "freedom" and "free" markets, yet these same people are usually Christian Fundamentalists subscribing to an extremely authoritarian religion with rigid Commandments and behavioural constraints. We might say that their Christian aspect is the "Shadow" of their "free" aspect.

If these right wing, "free" Americans were being consistent, their market ideology would also apply to religions, including Christianity. People could chose whatever Commandments and laws of Christianity they like, which parts of the Bible they agree with, and which they disagree with, and so on. That, of course, would render Christianity a joke and it rather exposes how absurd it is to be both a free-market capitalist *and* a Christian. They're utterly incompatible.

Left wing ideologies talk about morality and equality a great deal, but when it comes to Communist regimes they have been extremely hostile to personal freedom and expression, and grotesquely authoritarian, censorious and tyrannical.

However, a rational society, obeying the Reality Principle, can cure all of these problems. It can analyze the defects in left and right wing systems and put them right.

In Illuminist terms, Abraxas is the rational counterpoint to Satan ("Me") and Lucifer ("We"). Abraxas is linked to the free individual within a creative community. No rational, free individual would seek to sabotage the community (in the manner of, say, right wing extremist anarcho-capitalist libertarians, who loathe community), and nor would any healthy community seek to oppress rational, constructive, talented individuals (as Communism notoriously did).

There's no fundamental contradiction between individuals and community. As we have seen, consciousness itself is a social phenomenon, requiring community. You can't be a "person", you can't be "conscious", unless you belong to a community. The better the community, the better the individuals of which it's comprised.

Excellent communities make excellent individuals. Extremist individuals are not only *not* good members of communities, they aren't even good individuals. Anarcho-capitalist libertarians are amongst the most stupid and

tedious people on Earth.

Abraxas, as opposed to Satan (the individual – the thesis) and Lucifer (the community – the antithesis), is all about the synthesis of the individual and community, and proclaims, “All for one and one for all!”, i.e. the community must help the individual, and the individual must help the community.

Right wingers seek to revere the individual at the expense of the community, and left wingers to revere the community at the expense of the individual. In fact, the individual and the community must be treated with *equal* respect. Free-market capitalism is excessively on the side of rich individuals, and communism has been excessively against the individual, especially the rebellious intellectual and the artist. A synthesis is required and that synthesis is *meritocracy*. It rewards the smartest, most talented and hard-working individuals (unlike communism, which pays everyone the same regardless of effort or talent), but it expects them to do their hard work for the good of the community (unlike free-market capitalism which is all about serving rich, privileged individuals and families).

Humanity has been led by the wrong Gods. The worst disaster is, of course, Satan, the God of the Abrahamists. Lucifer – with all her hippie “love and light” nonsense – hasn’t delivered much either. What we need is Abraxas, the rational God, the God of mathematics, the God of the Ego which obeys the reality principle and mediates between, and controls, the Satanic Id and the Luciferian Superego.

Morality is ultimately a matter of opinion, but, in general, we can say that Satan is the force of *immorality*, Lucifer the force of *morality* and Abraxas is *amoral*, i.e. he acts with regard to rational considerations and not opinionated moral diktats and customs. In point of fact, rationalism is the *true* morality because it rationally rules out all the immoral, irrational actions of Satanism as self-defeating and absurd. For example, no rational ideology would ever involve an allegedly morally perfect God ordering a father to murder his son. This is quite literally the most insane “moral” proposition of all time and only people who have no contact with reason could worship the Abrahamic God as any kind of force for good. It’s a simple fact that Abrahamists are incapable of exercising reason. If they could then, rather than worshipping their God, they would be *fighting* him. The ancient Gnostics – the *knowers* – did exactly that. They denounced Jehovah at every opportunity as humanity’s worst conceivable enemy.

The *Satanic Society*, of the type that dominates our world, has the

invariable consequence of allowing a private elite to dominate the masses (and free-market global capitalism is the worst offender). The *Luciferian Society* has never really worked (which says a lot about human nature and the relative balance between Satan and Lucifer). Even in communist countries, traditional power elites have ruled the masses with an iron hand. Anarchy, wherever it has been tried, has always fallen apart from within, or been crushed by its enemies. The only system that has never been tried is the one that has perhaps been set out and discussed in more detail than any other – Plato’s *Republic*, the template for *meritocracy* (or *aristocracy* as it was then known: rule by the *best*; definitely not rule by the rich, which is *plutocracy*). Such a Republic is to be governed by Guardians or “philosopher kings”, but these have never been allowed to rule. Only anti-philosopher kings have ever worn the crown, and they have always been Satanic.

The world desperately needs an Abraxian meritocracy. The meritocratic leaders certainly won’t be “kings”: they will be elected by their peers in their sphere of expertise. They will be voted out without a cent of compensation if they prove inept. We will keep going dialectically until we have the *perfect* leaders.

Meritocracy is about positive liberty – about a deliberate, rational attempt to create perfect human beings and a perfect society. We won’t wait for God and heaven. We require no Second Coming. After all, we hated the First Coming! We shall become Gods ourselves and we shall build our own heaven.

We cannot exterminate Satanism ... because it’s none other than the Dionysian life force itself, the fundamental expression of will. What we *can* do is tame its excesses. We can introduce the doctrine of *Sin for Salvation* – where our innermost desires are released through nocturnal play where we indulge our tastes for kinky sex, intoxicating drugs and alcohol, and angry, wild music.

Nietzsche, with his concept of the *übermensch*, was no advocate of Nazi “supermen” cruelly dominating others. His “superman” was someone such as Goethe, or even himself. Nietzsche preached the message of *sublimation* where uncontrolled Dionysian urges are tamed and harnessed by Apollonian forces. Sport is a classic example of sublimation: it’s sublimated *war*. Something appalling – war – is turned into a magnificent, exciting ritual that

gets the juices flowing, but no one is killed. We can sublimate *everything* through sport, art, theatre, movies, drama, literature, opera, video games, virtual reality, and so on. We can cure psychopaths through letting them explore their darkest desires in environments we have specially created for them – where no one dies!

All Satanic drives can be moderated and made “sublime”. (Of course, all moralizing and moral indignation and condemnation have to be thrown out of the window.)

We really can bring the dialectical forces of Satanism and Luciferianism to a final synthesis, a definitive omega point – where the perfect State is brought into being. The Marxists thought the Communist State was the appointed End of History, the final version of the State. They were wrong. Communism was actually the final dialectical challenge to free-market capitalism. It’s Meritocracy, not Communism, that cures capitalism.

This is a rational universe. The dialectical forces are rational. We can understand history perfectly through the analysis we have already provided. We can see why things happened the way they did; why things went wrong. With that invaluable knowledge, we can correct every error. We can provide the ultimate system that satisfies everyone. It’s just a question of rationalism and psychology. Naturally, we must get rid of religious dogmatism before we can resolve the problems of the human condition.

The Omega Point is not a fantasy. We are converging on it. If humanity trusts in its most enlightened, meritocratic, intelligent individuals, committed to helping Society rather than themselves, we can get there in two or three generations. That’s how close we are.

“Any man who afflicts the human race with ideas must be prepared to see them misunderstood.” – H.L. Mencken.

We shall certainly endure this fate!

Do you “get it”?