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THE ANTHROPIC PRINCIPLE AND THE PHYSICS OF HUMAN BEHAVIOR

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This article summarizes the Anthropic Principle and extends it into the physics of human behavior. The Principle is the belief that the universe is anthropomorphic by design and man could not exist if the universe was not created in exactly this way. With this information, people will be more fully aware of who and what man is, of his nature and composition, of his potential for personal mental conquest. People will be enabled to act as deserving of the universe and participate in it accordingly. Knowing the Principle is, however, only a first step. To know and act in a fully human manner, we need an understanding of the necessary “add-ons” of transcendental spirit, the variables of mental succor, the humanness of living the community universals, the divine rituals which can link all to all, the virtues, and how to deal with everything in a simple but symphonically effective way consistent with elementary physics. This will enable us to achieve more fully human way of living.

The Anthropic Principle is "the most theistic result ever to come out of science"(1). The evidence that has mounted for the Principle is based on what can only be described as the fine tuning of Nature(2), of the universe as a whole, to be “man-friendly.” There is no probability that chance processes could result in the life-requiring necessities which enable the existence of man (3,4). Evidence shows major genetic transfers required for evolution as described today are impossible (5), yet atheists cling to these descriptions as if they were fundamentalists. This article rejects this kind of fundamentalist belief, by deriving human elevating behavioral schemata from elementary physics and the Anthropic Principle.

Regardless of scientific evidence that shows their beliefs are wrong, atheists continue to accept evolutionary theories. Many do not carry their thought process to the logical end: if there is a continued evolutionary “advancement”, evolution cannot stop with man. Man will eventually become extinct and a higher species will replace us.

Interestingly, Christians do believe in a level of advancement. We call it the Beatific Vision. We know that we are all called to spend eternity with God, although many, that is the damned, will not. For the truly faithful, we anticipate seeing God face-to-face as he really is! This “real evolution” is an ancient Christian belief, taught to us by our Lord.

To this end, a behavioral theory is offered which enables a personalized "evolution" to a better level of human living by metaphorical elaboration on the physics and metaphysics of human behavior. People can follow the given track and not lose an amazing Future. Finally offered will be an understanding of entropy, always necessary in basic physics, which clarifies "suffering" as an existential part of human life. The remainder of this paper is summarized in this schema.

THE ENSOULMENT OF THE ANTHROPIC PRINCIPLE

The physics of the human body is clockwise presented as the enumerated dark variables. Each physic variable is preceded or followed by its associated *transcendental*, the variables of healthy human interaction in quotations, the “community universals” in capitals, the corresponding sacrament or grace followed by the predominant virtue forthcoming, and the quoted Last Words of Christ on the Cross. This metaphorical understanding of basic human physics is to understand the human soul seeking to bring body and soul back to God. The rest of the text explains in more detail.

8. FORCE—ens—
 "Make that relationship count."
 PURSUIT OF HAPPINESS
 Grace—Holiness
 "The earthquake."

bonum--**7. UNCERTAINTY**
 "Personhood: C² for the species"
 LIBERTY
 Matrimony—Temperance
 "I thirst."

1. EVENT—res—
 "Living things are precious."
 DIGNITY
 Baptism—Faith
 "Woman behold thy son."

ens--**6. DIMENSION**
 "Non-reactive listening"
 LIFE
 Holy Orders—Courage
 "This day thou shalt be with me in Paradise."

BODY/SOUL

2. SPECTRUM—aliquid
 "Selective ignoring"
 UNITY
 Reconciliation—Hope
 "Father forgive them for they know not what they do."

bella--**5. SINGULARITY**
 "Detached warmth and gentleness"
 SPIRITUALITY
 Extreme Unction—Justice
 "It is finished."

3. FIELD—verum
 "Subdued spontaneity non-self excluded."
 INTEGRITY
 Holy Communion—Charity
 "Oh my God, why hast thou forsaken me?"

4. QUANTUM--unum
 "Affect assistance."
 IDENTITY
 Confirmation—Prudence
 "Into thy hands I commend my spirit."

PHYSICS OF HUMAN BEHAVIOR

The eight variables of physical space-time for the human body and for all physical reality (6) are:

1. **Even** a point in space-time or something that happens at a certain place and time.
2. **Spectrum**--the splitting of energy into position-time relationship.
3. **Field**--A matrix existing through space and time.
4. **Quantum**--The indivisible unit of receiving or giving energy.
5. **Singularity**--A point position of gravitational collapse wherein the space-time curvature is infinite.
6. **Dimension**--Space coordinates and time.
7. **Uncertainty**--Accuracy of position in inversely related to the accuracy of movement.
8. **Force**--That which effects matter particles.

These basic **physic realities**, while starkly foreign to most people, are the bases for all human existence on earth and for all existence in the material universe. Operating on the Anthropic Principle, these physic realities *anthropomorphize* the universe and everything in it. Readers are encouraged to place or define themselves reflectively in each of the eight definitions because such gives understanding of one's physical and scientific *basic beingness*. The understanding that will be gained from this exercise can be enhanced by the following transcendental and other metaphorical realities.

TRANSCENDENTALS OF HUMAN BEHAVIOR

The seven variables of all **being** known as *transcendentals* (7), which comprise man's "soul" or "spirit" aspects, are:

1. *Res*--matter--the confluence of being with matter completing it (applies to "**event**," and later to dignity and faith).
2. *Aliquid*--identity/form--the confluence of being with its form or essence (applies to "**spectrum**," and later to unity and hope).
3. *Verum*--truth--the confluence of being with reality (applies to "**field**," and later to integrity and charity).
4. *Unum*--oneness--the confluence with being itself and all desirables related to it establishing an epidermal unity with family, neighborhood, community, the world, universe, and God (applies to "**quantum**," and later to social-community identity and prudence).
5. *Bella*--beauty--the confluence of being with ascendancy or "bringing out the best of itself and all around it" thereby elevating all involved (applies to "**singularity**," and later to spirituality and justice).
6. *Bonum*--good--the confluence of being with proper function in nature (proper choice and transcendental compliance in Natural Law (applies to "**uncertainty**," and later to liberty and temperance).
7. *Ens*--the being as having existence (applies to "**dimension**," and later to life and fortitude and also applies to "**force**," and later to pursuit of happiness and holiness).

These **transcendental realities** metaphorically spiritualize humanity. Priests and religious are "Transcendental Engineers" wielding the sword of matter, the scalpel of form, the battle ax of truth, the throw net of oneness, the battering

ram of good, and the scaling ladder of beauty. Readers are encouraged to place themselves and all done into each physic reality as transcendently possible. This will clarify "spirit", which can be further elaborated on and activated by the variables of healthy human interaction.

MENTAL SUCCOR--VARIABLES OF HEALTHY HUMAN INTERACTION

The eight elements of *healthy human interaction* which give mental succor (8, 9) are the templates for positive encounters with others on an individual basis. They are:

1. "Living things are precious." This is the First Law of the Universe—choose life, hurt less, kill little.
2. "Selective ignoring." Consciously select what is to be overlooked in the interest of mutual respect. Hate will be thwarted and love may personalize whatever confronts.
3. "Subdued spontaneity, non-self-excluded." Spontaneity is to be genuinely responsive (It is a kind of freedom). However, subduedness is necessary to avoid raucous overbearingness. And excluding "nonself" (that which is not really "you") is to be without affectation and, as well, is to play not a fraudulent role. In sum, avoid artificial pretending and be yourself openly free but subdued so as not to offend others.
4. "Affect assistance." Express the affects: "I am angry, worried, scared, sad, disgusted, confused, and happy. You are angry, worried, scared, sad, disgusted, confused, and happy." By the calm expression of the affects, unconditional help is given to oneself and to others in mutual selfunderstanding and tactless interaction, and in self-aware interpersonal commitment to *care*. This also controls *excitement*, the excess of which always spoils the happiness.
5. "Detached warmth and gentleness." Warmth brings closeness; detachment avoids being too close; and gentleness makes love more than a word. Altogether, one's voice, touch, and manner are milder, truer, and more conducive to family, friends and strangers having love for one another.
6. "Non-reactive listening." Non-reaction allows full expression which, if listened to, gives understanding—the basis of actions for growth, love and peace.
7. "Personhood--Conscious of Consciousness (C^2) for the species." Consciousness squared (C^2), gives partial freedom from biology and physics by virtue of reflective thought manipulating matter in the priorities of Life first, Liberty second, and the Pursuit of Happiness third. This is personhood: A Conscious of Consciousness Capable Creature (C^2CC) able to choose.
8. "Make that relationship count." Live and teach the Pledge: "I pledge allegiance to Mankind and to life on this planet, for living things are precious. I pledge to treat all humanely by caring for and respecting other's bodies; by understanding others' minds but being true to myself without disrespect; and by accepting the emotions of others as I control my own. I will have mercy on others with gentle liberty and empathic justice for all." (10)

These **healthy human interaction variables** enable human physical particles to support and enhance the transcendental one-on-one *beingness* of each human being, and thereby is created a society of humanness by the community universals.

HUMANNESS--VARIABLES OF COMMUNITY UNIVERSALS

The eight *community universals* enabling humanness in social community interaction (11) are:

1. Dignity—**event**, to be treated as an inviolable end and never used as a means.
2. Unity—**spectrum**, to be honored as a totum and no part treated in isolation from oneness.
3. Integrity—**field**, of moral good upheld and never divorced from Natural Law.
4. Identity—**quantum**, maintained as an individual and as a member of the human species to be valued and allowed to develop without radical alteration.
5. Spirituality—**singularity**, to be affirmed and upheld and never treated as merely natural.
6. Life—**dimension**, of agency conflating as primary priority.
7. Liberty—**uncertainty**, of contingency confronting consistent with Natural Law.
8. Pursuit of Happiness—**force**, of strategy consecrating transcendently.

These **community universals** enable more *being* and less entropy when humans interact. They are maximized by sacraments and grace.

SACRAMENTS AND GRACE—RITUALS LINKING TO THE STATIMUM (12) AND TO GOD (13)

There are eight divine variables known as *sacraments* and *grace* which are rituals linking human particles to the universe, to the Statimum and to God. Priests are the Masters of Sacrament Administration (MSAs), knowing the real world, immune to the physical, immune to the illusions of television, movies, newspapers, and WWW, never supporting the monkey worship of celebrities, helping all become what we ought to be instead of following the fakery and flickering light ink smudged decarnating nothingness of the press and media, leading by mysterious experiences beyond individuality when participating in the Mass and all other Sacraments.

1. Baptism--to cleanse one's soul and become alive; to enter the realm of God; and to live a dignity **event** giving faith.
2. Reconciliation (Penance)--to suffer and convert entropy to synthesis; to live a unity **spectrum** giving hope.
3. Holy Communion--to be in the Body of Christ; to live an integrity **field** giving charity.
4. Confirmation--to be in the Gifts of Holy Spirit i.e., wisdom, understanding, counsel, fortitude, knowledge, piety, and fear of the Lord; to live an identity **quantum** giving prudence..
5. Extreme Unction--to be in the Father; to live the spirit **singularity** giving justice.

6. Holy Orders--to be on the Cross; to live **dimensions** for Life (the Father) giving courage.
7. Matrimony--to be two in one flesh; to live an **uncertainty** for Liberty (the Son) giving temperance and able to choose in concert with Natural Law.
8. Grace--to enter the world of Loving Truth; to live the **force** of transcendental Pursuit of Happiness (the Holy Spirit) giving holiness.

These **sacraments and grace** are ritual realities of human activity which continuously enable the recitation of the mantra: *life, sacrifice, virtue, love, humanity, peace, freedom, death*. This mantra is a salutary repetitive phrasing which puts one in a state of Christian Spirit. Actually, all life is sacramentalized by virtue.

VIRTUE—VARIABLES OF WILL AND INCARNATING ACTS

The *virtues* are many (14), and it has been understood that to have one virtue is to have them all (and vice versa). This being so, only the three Theological Virtues, the four Cardinal Virtues and Holiness will be listed, with confidence that any other virtue could be also comparably formulated into the Incarnation of the Word (and word's) of God on earth consistent with physic realities.

1. Faith—**event** assent to God.
2. Hope—**spectrum** trust in ultimate positivity and ascension.
3. Charity—**field** of conscious commitment to perfection.
4. Prudence—**quantum** of practical reason seeing and recognizing the will of God in all things and aware of the interdependence of all virtues in life.
5. Justice—**singularity** regard for and giving to all that is due them.
6. Fortitude—**dimension** of strong, firm, assured, practice of all virtues in pursuit of the transcendentals.
7. Temperance—**uncertainty** of moderation and self-control in choice of desirables.
8. Holiness—**force** dedicated and consecrated to God's service.

These **virtues** are free will decision making by choosing paradigms of behavior which have a high probability of converting the Anthropic Principle into Incarnating finality. The virtues are most easily activated by living The Eight Last Words of Christ.

THE EIGHT LAST WORDS OF CHRIST

Joseph Haydn's Symphony, "The Seven Last Words of Christ" is misnamed (15), as most others have unwittingly done the same. As there are eight movements in the symphony, there are eight "last words" i.e., as the "Earthquake" is the last movement, so the Earthquake is the last "word" of Jesus on the Cross. Basically, all feelings and everything else should be processed by the *Eight Last Words of Christ* converting all into Anthropic Principle understanding and consistency, and thereby "Sacraments" have become symphonic "verbs."

1. "Father forgive them for they know not what they do." By selectively ignoring, Reconcile/Confess into a unity **spectrum** giving hope and identity.
2. "This day thou shalt be with me in paradise." By non-reactive listening, Holy Order into a **dimension** for life (the Father) giving courage and existence.
3. "Woman behold thy son." Living things are precious, Baptizes into a dignity **event** giving faith and matter.
4. "Oh my God, why hast thou forsaken me?" By subdued spontaneity non-self-excluded, Holy Communion into an integrity **field** giving charity and truth.
5. "I thirst." By personhood or "conscious of consciousness for humanity," Matrimony into an **uncertainty** for Liberty (the Son) giving temperance and good.
6. "It is finished." By detached warmth and gentleness, Extreme Unction into a spirit **singularity** giving justice and beauty.
7. "Into thy hands I commend my spirit." By affect assistance, Confirm into an identity **quantum** giving prudence and oneness.
8. "The Earthquake Finale." Make that relationship count by Grace into a transcendental pursuing **force** (the Holy Spirit) and existence.

By the **Eight Last Words of Christ**, humans are symphonically "fine-tuned" ("Sacramentalized") into the Anthropic Principle. Finally, from the Cross comes not only the physics of human beings, the transcendentals, the variables of healthy human interaction, the community universals, the sacraments/grace, and the virtues, but an understanding of "suffering"—possible only "from the Cross."

SUFFERING—ENTROPY PROPERLY UNDERSTOOD

"Suffering is the rock of atheism" (16). This "rock" has been crushed by Dinesh D'Souza's triumphant *God Forsaken* (17), which profoundly proves that evil and suffering cannot be rationally used to destroy "God" as discovered by Christians. Readers are encouraged to grace themselves with his book. No attempt will be made to duplicate D'Souza's tour de force but offered will be two additional approaches to the problems of suffering and evil as "allowed" by God (and which atheists try to use to discredit God).

1. Atheists cannot logically invoke the spiritual concepts of suffering and evil to deny God because they must deny spirituality. If all is biochemically unfeeling, untranscendent, unteliological, brutally randomly organized materialism (without the Anthropic Principle anthropomorphizing all), there cannot be any relevance to the ideas of "right and wrong" or any other psychological non-chemical spiritual constructs. For atheists, all people must be equally confined and interactive with what life offers without being judged or measured except biochemically. Basically, atheism, as confined to paralyzing unfree unjudgeable biochemistry, offers no basis for judging others. Physics confined to physics offers no spirit and nothing beyond except as metaphorically realized *supra* and most rationally understood as Christianity. "Suffering" and "evil" cannot be part of the vocabulary of science based atheists except as self-contradicting debate tactics. Instead, scientific atheists are obligated to accept the Anthropic Principle and all it scientifically anthromorphically implies *supra* described.
2. Even more discrediting, atheists have failed scientifically, specifically biochemically, in not understanding "entropy" as a scientific basis for suffering and evil (18). Thus, they have misunderstood suffering and evil as proof that there is no Loving God. But "entropy" clears the air. Entropy is the loss of energy intrinsic to all interactions in physics. And entropy can also be metaphorically understood in all human behavioral analyses as listed *supra*. My favorite example for human entropy was witnessing a 10 year old boy growing tired of hearing a peer bragging about being "first of a hundred" in a school contest. The frustrated boy sternly said to the braggart, "You could not have done it without me! I was number onehundred!" And therein is "entropy as synthesis," and even better phrased, "entropy as usually overlooked then corrected as synthesis." Somehow, entropy is like "feelings" (or emotions)—perhaps the most common human loss of "energy," physical or spiritual. Neither "entropy" nor "feelings" are substantially "right or wrong" (they just "are!"), but they can be later determined as having positive or negative outcomes and values. The author's *Theogeocalculus* (19) defines suffering as the awareness of pain and sin—"pain" as random entropy and "sin" as willful entropy. By living as described in the human behaviors described *supra*, entropy can be sanctified and converted to synthesis and advancement—a rather startling Christianizing of all reality. Thus, if basic physic realities are real, then "entropy" and all derived metaphorical realities listed above attendant thereto are also real, and, *viola*, the "problems" of suffering and evil are solved because both are consistent and necessary to the Anthropic Principle which must now also include the fact that *all the universe is the entropy needed not only for the phenomenon of man but for the phenomenon of Love*. Thus the Anthropic Principle is The Church: the Ship For Those Who Go To God: *Entropy In Person*, the creaky, old, sworn at, besieged, constantly leaking, perpetually ruined, always sinking barque, no bone in her teeth, magnanimous, charitable, committed, non-political, rational, humanity proclaiming, agelessly revolutionary, genuinely free and cultured, filled with ancient secrets, fertile, sacrificing, identity conferring, truth seeking, oneness creating, good demanding, beauty promoting, life dedicated, male/female complementing instead of competing, environmentally sound by Natural Law, and helping any and every in all ways, with never less than one-twelfth of its crew in mutiny or incompetent, plowing along as the only Behemoth moving in the one direction flow of the Divine Substance, rescuing anyone who reaches out a hand, collecting sinners who finally realize they have intrinsic value and worth in the sight of God and can return to Him in the plan of Salvation.

FINAL RECOMMENDATION:

Schema 1 (as Appendix I) is attached to condense and summarize. Readers are encouraged to embrace all the metaphysical add-ons as they live their physics and thereby bring peace and mercy to the world and, in all probability, return to the incomprehensible Love of God in Eternity.

The Eight Last Words

The Eight Last Words—in Sacramental order...

How to Deal with Everything

“Woman behold thy son”

Baptize into a dignity event giving faith...and *res*.

...Living things are precious.

“Father, forgive them for they know not what they do” **Confess** into a unity spectrum giving hope...and *aliquid*.

...Selectively ignore.

“Oh my God, why hast thou forsaken me?”

Holy Communion into an integrity field giving charity...and *verum*.

...Subdued spontaneity non-self-excluded.

“Into thy hands I commend my spirit.”

Confirm into an identity quantum giving prudence...and *unum*.

...Affect assistance.

“It is finished.”

Extreme Unction into a spirit singularity giving justice...and *bella*.

...Detached warmth and gentleness.

“This day thou shalt be with me in Paradise.”

Holy Order into a dimension for Life (the Father) giving courage...and *ENS*. ...Non-reactive listening.

“I thirst.”

Matrimony into an uncertainty for Liberty (the Son) giving temperance...and *bonum*. ...Personhood—Conscious of Consciousness for the species.

“The Earthquake Finale”

Grace into a transcendental pursuing force (the Holy Spirit) giving holiness...and *res*. ...Make that relationship count.

Appendix I Here

NOTATIONS

- [1].Robert Jastrow, interview in Roy Abraham Varghese,ed., *The Intellectuals Speak Out about God*, Washington DC: Regnery Gateway, 1984, p22).
- [2].Martin Rees, *Just Six Numbers*, (New York: Basic Books, 2000), 2-4, 161, 179.
- [3].Walter Brown Jr., In *The Beginning*, p 8.
- [4].Samuel A. Nigro, “Why Evolutionary Theories are Unbelievable, *Social Justice Review*, January/February 2004, 148-151.
- [5].Samuel A. Nigro, “Charles Darwin’s Bicentenary: Time for “Celebration” ...or an Inquest”, *Social Justice Review*, May/June 2008, 72-76.
- [6].Stephen Hawking, *A Brief History of Time*, (New York: Bantam Books, 1996), 126, 129, 131.
- [7].Samuel A. Nigro, “Male/Female Differences in Natural Law,” St. Louis (Society of Catholic Social Scientists, 1993.), 4-5.
- [8].Samuel A. Nigro, *Happy Ending*, (St. Louis, Central Bureau, 1997).
- [9].Samuel A. Nigro, *Everybody for Everybody*, (USA, Xlibris, 2011).
- [10]. *ibid* *Happy Ending* p 379; *Everybody for Everybody Vol II*, p 425.
- [11]. Donald DeMarco and Samuel A. Nigro, *ibid*, *Happy Ending*, p 440; *Everybody for Everybody Vol II*, p 556.
- [12]. *ibid* *Happy Ending* p 4; *Everybody for Everybody Vol II*, p100.
- [13]. *ibid* *Happy Ending* and *Everybody for Everybody*.
- [14]. *ibid* *Happy Ending* pp 459-571; *Everybody for Everybody*, Vol II, pp 581-595.
- [15]. *ibid* *Happy Ending*; *Everybody for Everybody*.
- [16]. Hans Kung as quoted by John Stott, *The Cross of Christ* (Downers Grove, IL: InterVarsity Press, 1986, 311.
- [17]. Dinesh D’Souza, *God Forsaken*, (USA, Tyndale House, 2012).
- [18]. *ibid* *Happy Ending*; *Everybody for Everybody*.
- [19]. Samuel A. Nigro, “The Theogeocalculus of Life: Natural Law Thinking Has the Answer to Everything,” *Linacre Quarterly*, 73, 3, August 2006), 264-281, or www.Theogeocalculus or email for complete updated version from Sam@DocNigro.com.