



Art That Lives At The Edge Of Chaos



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I submit artwork for your consideration.

The art is divided into 4 sections: Early Period, Intermediate Period, Recent Period, and Late Period.

Section I – Early Period (1976 to 1990). Color crayon or pastel or conté or Acrylic. No mixed media. (See Attachment 2 for sizes.)

Section II – Intermediate Period (1993 to 1996). All pastel. Twelve are 18" x 24"
Seventeen are either 18"x 24" or 12"x18".

Section III – Recent Period (1999 to 2002). All color pencil. All 8.5"x11".

Section IV – Late Period (2002 to 2005). All color pencil. All 8.5"x11" except for those numbered 1, 2, 3, 4, 5, 6, 7, 8 and 9 which are 14"x11".

The originals of some of the artworks on this platform still exist. The originals for all of the color pencil works of the Recent Period and the Late Period, and 21 of the pastel works of the Intermediate Period do exist, but they do not exist for the 2 color crayon works, any of the conté works, or any of the acrylic works. For the pastels on this platform the originals that do not exist are for No. 4 and No.s 11 through 17. With respect to acrylic and pastel original artworks not on this platform I have the following, and I give my opinion of the artistic capability they represent:

a) 4 acrylics

- 3 good
- 1 poor

b) 65 Pastels

- 9 excellent and better than any on this platform.
- 16 very good and better than any on this platform, except for the 10 that I mention below as very good.
- 12 good and 3 of which are very curious.
- 28 poor

For the color pencils, including the ones on this platform, all of the originals exist and I give my opinion of the artistic capability they represent:

c) 265 color pencils

- 45 excellent (Most have names, which are provided in Attachment 3.)
- 62 very good
- 63 good
- 94 poor
- 1 unfinished

The excellent, very good, and good are represented on this platform, but none of the poor are represented. The classifications by periods are:

- Late Period

- 45 excellent
- 13 very good
- 9 good
- 1 unfinished
- Recent Period
 - 54 combined very good and good
- 122 Total number of color pencils on this platform

There were not any poor color pencils in the late period. Most of the 94 poor were in the initial stages of the Recent Period and they dwindled down as the recent period progressed from the start on 2 August 1999 until it ended on 12 January 2002. What I find interesting in terms of the evolutionary process of my artistic capability is that amongst all of these Poor artworks there are a few that I classify as Very Good (e.g., no.'s 3, 13, 45) and Good (e.g., no.'s 50, 53). No.'s 3 and 13 are two of the 4 appearing on the first page of the Letter of Introduction and the first page of this Memo. I find it instructive to observe the oscillations in artistic capability when the five 8-1/2"x11" and the two 11"x14" spiralbound Sketch Diaries are inspected chronologically from beginning to end. (There are a total of 7 Sketch Diaries.)

For the excellent color pencils, 4 are from the two 11"x14" Sketch Diaries of 2002 and 41 are from the last of the five 8.5"x11" Sketch Diaries. This last Sketch Diary is dated 2003 through 2005. All of these excellent color pencils are from the Late Period, as are the 9 excellent pastels. Their complexity, dynamism, harmony, and color combination place them at the very highest of my artistic capability.

The 21 pastels on this platform for which I have the originals are all from the Intermediate Period. Most of them are 18" x 24". Numbers 9, 10, 18, 19, 20, 21, 22, 26, 27, 29 I score as very good. The others I score as good, except for number 1, which is obviously not even finished, and numbers 4 and 7 which I score as poor. I included number 1 because I like the upper right side of it. Also, as I say in the letter of introduction my objective is to demonstrate the evolution of an artistic capability, and so I have included "The Good, The Bad and The Ugly".

I do have 35mm projector slides of the 40-art works of the Early Period, but none of the originals exist.

I think at least one fourth of the Early Period Art are very good for one reason or another. For example, some of them are very good in terms of their symbolic value such as “Horse” and “Hieroglyphic Man”. In fact, I sometimes refer to the Early Period Art as symbolic abstract art. However, I think some of them are very good simply as abstract art, such as “Aphrodite” and “Blue Racer”. The dream that prompted “Chariot Jam” is most informative. One interesting feature of all my art, except maybe for the 8 pastels graded above as poor and for the 94 color pencils graded above as poor, is that each art piece has a wholeness about it.

The central core of this art portfolio is a nexus of evolutionary processes vis-à-vis the Religious Instinct in the Homo sapien Soul, Science, and Abstract/Symbolic Art. Therefore, anyone not interested in and without the audacity for a deep dive into this nexus should stop here and go forth innocently and ignorantly amongst the profane without an experiential appreciation for why Thoth, Hermes, Mercury is both the Messenger of the Gods and the Guide of the Soul through the Underworld. (See Aleister Crowley’s “The Book of Thoth (Egyptian Tarot)” Pages 69 through 72 and 88, 89).

In the spiralbound “Sketch Diaries” in which the 45 excellent color pencils are drawn I made notes on the back side of some of the artworks. The back side notes are listed in Attachment 3 along with the corresponding figure numbers of the Late Period artworks presentation in chronological order of creation. As I now write in September 2022 and record these notes for Attachment 3, which provides the correspondences between the numbers of the artworks and the back side notes, I am reminded of the night around 1988 when I had finished, or maybe was still working on, either an acrylic or a pastel piece. All of a sudden from out of “NO WHERE” I began to speak spontaneously and fluidly in what can only be called “BARBAROUS WORDS”. With respect to these “BARBAROUS WORDS” note the following:

1. The issue of “speaking in tongues” in which one person does the speaking and one or more people interpret the message.

2. At the Oracle of Apollo at Delphi in ancient Greece the Pythia sits on her tripod in a trance state and speaks in a mysterious manner. One or more special priests interpret the meaning of the message for the aspirant, who may be a king or a common person of no distinction.
3. My poem "The Corridors of Time" given later in this memo.
4. The following from Lieber Samekh in Aleister Crowley's "Magick in Theory and Practice":

- "The invocation.

Magically restored, with the significance of the
BARBAROUS NAMES

Etymologically or Qabalistically determined and paraphrased in English."

- See later in this memo on this issue

For these 4 examples reference the book section later in this memo:

- For Linguistics and Philology see item **ii**
- For Etymology see item number 2 under item **c**
- For Mythology see items **k** and **l**
- For Aleister Crowley see items number 2 under **c, j, k, l, ii**

All of the artwork (acrylics, pastels, conté) from a year or more section in the Early Period (1976 to 1990) is lost and there are no images of them. I know my very best acrylic piece and a lot of conté pieces are among the missing artworks.

Everything that follows in this memo is pertinent to an understanding of my art.

For 50 years I have been involved on a path of enlightenment involving research and experimentation in astrology, Tarot cards, numerology, Jungian Psychology, comparative religion, mythology, mysticism, world history, science, (mainly physics and biology), mathematics, philosophy, and Magick. On page 40 of Aleister Crowley's "The Book Of Thoth: Egyptian Tarot" he gives the following definition of the word "Magick": "Magick is the science and art of causing change to occur in conformity with the "Will". What he means by "Will" requires study of many of his works. For example, in the discussion of the astrological planet Uranus on page 321 of "The General Principles Of

Astrology” he says: “This planet is the planet of genius, the planet of the secret magical power in man....” In many of his writings he calls this “Secret Magical Power”, “The True Magickal Will”. Also, note the following pertinent items about this issue: a) Crowley says that a person’s main purpose in life should be “To attain to the Knowledge and Conservation of The Holy Guardian Angel” By this he means your own personal “Holy Guardian Angel”, and he equates it with “The True Magickal Will”. b) Francis Thompson’s poem “The Hound Of Heaven”; c) William Blake’s central concept of what everyone’s true purpose in life is. (See Kris Kristofferson’s comments on the PBS presentation of Ken Burns’ “Country Music”, 2019.); d) Gopi Krishna’s book “Kundalini: The Evolutionary Energy in Man.” e) Socrates said something on the order of he could not live without his divine inner voice. As an interesting aside, he called his conscience “Truth, Virtue and the Tyranny of the Majority”.

I will now present a very important element of my essence. The triple blessings in the western world of the Renaissance, the Reformation, and the Enlightenment were fertilized by the Judeo-Christian ethic, and the combination of these four phenomena were the basis for the forming of democratic republics of various forms evolving and spreading around the modern world. The degree to which Aleister Crowley and his organization, the Ordo Templi Orientis (O.T.O.), do not appreciate this, if indeed they do not, is commensurate with the degree to which I disagree with them. Notwithstanding this caveat, I greatly appreciate the contributions Crowley and the O.T.O. have made to a modern conception of what religion is all about, both in general and in great technical detail. For the record, my bottom line is embodied in the poem “Abou Ben Adhem” by Leigh Hunt.

A critical part of my studies has been the evolution within myself of an abstract/symbolic artistic capability. I am a professional physicist, and therefore I am inclined to take a very analytical approach to anything to which my attention is directed. Volume I of Carl Jung’s *Collective Works* “Psychiatric Studies: Archetypes and the Collective Unconscious” formed the theoretical backbone of my studies. My investigations included study of such Beings as: a) the Egyptian Isis and the Mesopotamian Ishtar, as well as their Sister, the formidable Ashtaroth of Palestine; b) the Biblical demon Asmodeus; c) the spirit of the intellect, the guide of the soul through

the underworld, called Thoth by the Egyptians, Mercury by the Romans, and Hermes by the Greeks; d) the feminine counterpart of the Egyptian crocodile God Sebek (See also Sobek). My art work, therefore, is indicative of the archetypal forces residing within the collective unconscious mind of the peoples of my Indo-European heritage and the peoples who strongly influenced the Indo-European peoples, the Egyptians and the Hebrews for example.

My art is a key element of my Magickal record which itself portrays the step by step development of an artistic talent synergistically intertwined with scientific investigations of complex, obtuse, and controversial subjects.

The first two figures in my Magickal record (See Attachments 1a & 1b) represent my first attempt to make some sense out of the Alchemical Formula for The Philosopher's Stone, which is: "Out of a man and a woman make a circle; extract the quadrangle; from this extract the triangle. Make a circle and you will have The Philosopher's Stone." Both my knowledge base and artistic capability were very crude in 1975 when these figures were drawn. I never did attain to The Philosopher's Stone.

The regular charcoal pencil on white paper drawings in my Magickal record were my first attempts at art. This includes the 1975 "Chicken Scratchings" of Attachments 1a and 1b plus 16 drawings dated from 22 April 1978 to 9 August 1984. Thirteen of these drawings are in Attachment 4 and are dated from 22 April 1978 to 20 June 1984 .

My art is the product of research within a 20th century alchemical laboratory. As Carl Jung has aptly demonstrated, the chemical activities of medieval alchemists involved unconscious projections of psychic contents. Modern alchemists in general do not work with chemicals. They work much more consciously with unconscious psychic contents by doing such things as analyzing dreams and fantasies, working with art, poetry, singing, dancing, etc., involving themselves in active imagination, and investigating mythological symbolism. My alchemical investigations did not involve chemical activities.

Attachment 2 is a chronological list of the names and the sizes of the Early Period artwork. (Viewing of the images from this period cannot be accessed from Attachment 2. To do this it is necessary to bring up the item listed as "Early Period".) All

of the artwork is of my own creation except for artworks **No. 2**, **No. 5**, **No. 8**, **No. 10**, and **No. 12**. All of the symbols in **No. 2** are from the "Archaic Book of the Dead" (my title for a collection of sources), and from modern astrology but the arrangement of the symbols is my own design. In **No. 5** there is one symbol from modern astrology. The hieroglyphic black symbols in **No. 8** and **No. 10** are three letters from the Alphabet of the Magi. In **No. 12** there is a letter from the Alphabet of the Magi. Also, the logo in the upper left and upper right corners on page I of this memo is a letter from the alphabet of the Magi. (The frontispiece at the top of page 1, below which are images of four of my artworks, was designed and created by Mr. Glenn Johnson. He was my astrological research partner. The research is addressed later in this memo.) I have investigated the following forms of the Deity in association with the following designated Early Period art works:

No. 8 and **No. 10** - IAO, who is cognate with the Greek Zeus, the Roman Jupiter, the Egyptian Amen-Ra and the Hebrew Yahweh/Jehovah.

No. 12 -The Egyptian Isis

No. 14 -The feminine counterpart of the Egyptian crocodile God Sebek

No. 15 -The Spirit of the Intellect, the Guide of the Soul through the underworld, called Thoth by the Egyptians, Mercury by the Romans and Hermes by the Greeks

No. 16 - A mystical Being of the Order of Beings of which William Blake was so blessed

No. 23 -The Kundalini, the Serpent Force that is comprised of the 22 Trumps of the Tarot Cards

No. 29 -With this art piece I felt I really understood the meaning of the expression "the strength of art" in the following poem by the Gaelic poet Amhairghin:

"I am an estuary into the sea.
I am a wave of the ocean.
I am the sound of the sea.
I am a powerful ox.

I am a hawk on a cliff.
I am a dewdrop in the sun.
I am a plant of beauty.
I am a boar for valour.
I am a salmon in a pool.
I am a lake in a plain.
I am the strength of art...."

See "Celtic Mythology" by Proinsias Mac Cana, p. 64.

For IAO note the two following quotes from Aleister Crowley's "The Book of Thoth: Egyptian Tarot".

- Page 123: "...Thou standest upon the Crocodile, like Hoor-pa-Kraat; and the Great Cat leapeth upon Thee! Yea, and more also, I have known Thee who Thou art, Bacchus Diphues, none and two, in thy name IAO!"
 - From an appendix where Crowley is discussing Tarot Trump 0 The Fool to embellish his original discussion of this Trump.
- Page 276 "... In the Christian Kabbalah, this is symbolized by introducing the letter Shin in the midst of the Tetragrammaton to represent the element of Spirit harmonizing and ruling the four rigid and opposing Elements. The name Jehovah IHVH, thus becomes IHShVH, Yeheshuah, Jesus. This is the Qabalistic method of expressing the doctrine of Jesus as the Redeemer. The method was explained in detail by a formula in which INRI, the inscription on the Cross, becomes Yod Nun Resh Yod, which are in the heavens Virgo, the Virgin Mother; Isis, Scorpio, Apophis the Dragon, the Destroyer; Sol, Osiris, the Slain and Risen. The initials of these three divine beings thus make the more ancient name of Jehovah IAO. In this way the initiates of old expressed their understanding of the fact that the Universe was after all perfect, even if requiring a little manipulation; but as explained previously, this doctrine is for the weaker brethren, for those who are suffering from the illusion of imperfection; it enables them to make their way to the illimitable Light." (To the novice it seems as if there should be a semi colon after "Isis" and just a comma after "Mother". However, what is written here is exactly the way it is given on page 276.)

Furthermore, somewhere in his writings Crowley says that the word “Jupiter” is derived from “IAO-Pater”.

- Jupiter is of course the Supreme Father God of the Romans.
- So, what about the Zeus of the Greeks?

Also, with respect to IAO the following is of interest:

- I first got “IO” from Robert Graves “The White Goddess”
 - I cannot emphasize enough how important this book is.
- On page 207 of E.A. Wallis Budge’s book “Amulets and Talismans” he states “Harpocrates... He is called IAO, as is ABRAXAS himself”.
- Jung’s emphasis on ABRAXAS in his “Seven Sermons to the Dead”.
- One of Crowley’s precise delineations of the meaning of IAO in his “Liber Samekh”, which is Appendix IV, P-265 of “Magick In Theory And Practice”.
- My efforts to contact IAO took years of persistence. The first contact was made in 1976 when I received the message “To Make Seven Things”. This occurred while I was in a state of sexual ecstasy. The second contact occurred in a dream some years later when I received the message to “Find the real name of IACCHUS”. This was followed by several other successive contacts, each of which was more vivid and complex than the previous one. Three of these later successive contacts correlated with regular charcoal pencil on white paper art works.
- Now in May of 2022 as I write about my efforts to make contact with IAO, 35 or so years ago, I do not recall the final result. It may simply have been a long-term gradual infusion that boosted the general nature of my enlightenment and aided in the evolution of my artistic capability.
- On page 120 of Aleister Crowley’s “Magick in Theory and Practice” he says: “....for the Gods are but the names for the forces of Nature themselves.”

Pursuing a career in physics, mathematics, bionics, pattern recognition, and adaptive mechanisms gave me a good basis for my journey of enlightenment and artistic development. I originally focused on the works of Carl Jung and Joseph Campbell, and went from there into Magick itself, being particularly influenced by the

works of Aleister Crowley. I think Crowley was a phenomenal genius who made a tremendous contribution to the “Archaeology” of the Homo sapiens Mind. I have mentored a number of people searching for enlightenment. I am happy to report most of them have done very well.

Carl Jung, William James, Joseph Campbell, Robert Graves, James G. Frazer and numerous other authors have provided a great deal of information on the equivalence between archetypes and religious objects of worship. They have all made tremendous contributions to our understanding of the fundamental nature of Homo sapiens. However, I think they lay down the background knowledge required for the study of Aleister Crowley, who to me made a quantum leap beyond them. For example, I think Crowley is to Jung what calculus is to arithmetic. Crowley reaches more deeply into Theosophy, when it is defined as “Religious Philosophy or Speculation based on Mystical insight into the nature of God and Devine Teachings”. As the Kern Foundation (of the Chicago based Northern Trust Company) states in reference to its Theosophical Teachings:

Theosophy: “It restores to the world the Science of the Spirit.”

Note the harmony between this and the fact that Crowley “called his system ‘Scientific Illuminism’ and coined the phrase ‘the method of Science’, ‘the aim of Religion’ to indicate that, freed from all historical and cultural bias, the Nature of Truth is One.” (See the booklet accompanying the U.S. Games Systems, Inc edition of the Crowley/Harris Tarot cards (ISBN: 0-913866-15-6). (See below for information on the Crowley/Harris Tarot cards.)

My Father, who along with my Mother, were my first two mentors, introduced me to science and history. He has been my primary teacher in life. He is the most phenomenal person I have ever known. His intellectual, creative, and physical capabilities were profound. He had a breadth and depth of knowledge of the universe that is astounding. His one great shortcoming was that he was bigotedly biased against anything that smacks of the Mystical. This was true even though he was himself very Mystical in terms of his sincere appreciation of the enormity of the Universe and his sincere respect for and interest in all life forms.

My Mother was also a very phenomenal person of exceptional creativity, intelligence, and love. She had a Master's Degree in English from the University of North Carolina at Chapel Hill, North Carolina. Many students of hers who rained praise and thanksgiving upon her, years after the fact, for what she gave to them in her 36 years as a college English professor is critical proof of her exceptional nature. She introduced me to mythology, comparative religion, and Mysticism.

I received a B.S. Degree in Physics from the Georgia Institute of Technology in 1968. Thereafter, I spent 23 years in the aerospace business working on pattern recognition and monopulse electronic countermeasures. In 1969 I met Mr. Cecil Gwinn. I was a young Second Lieutenant in the Air Force working in the Air Force Avionics Laboratory at Wright Patterson AFB, Ohio. Mr. Gwinn was at that time a civil servant in the Avionics Lab. He was one of the most creative mathematical physicists employed by the Avionics Laboratory. He played a key role in the early development of pattern recognition.

In addition to the enormous influence Mr. Gwinn had on me vis-à-vis pattern recognition, he also was my third mentor. He introduced me to Carl Jung, Aleister Crowley, and many other authors of an esoteric nature. (In Mr. Gwinn's defense, let me say that he did not particularly care for Aleister Crowley.) I studied closely with Mr. Gwinn for six years from 1969 to 1975. From 1969 until 1993 I delved very deeply into Magick, Mysticism, Jungian psychology, comparative religion, and mythology. Aleister Crowley influenced me the most, and I claim that if indeed such a thing as initiated revelation of the mysteries of nature exists, then Crowley is the prime example of initiated knowledge. For all of this time from 1969 to 1993, I was not the least interested in astrology even though I delved very deeply into all of the mythology upon which astrology is based. My weak brain could not conceive of a physical cause and effect explanation for astrology, so I discounted it. Then for some reason, in the 1994 time frame things started changing for me. By the end of 1994, the following had happened:

a. Jung's concept of synchronicity, which is an acausal connecting principle (See Jung's "Synchronicity: An Acausal Connecting Principle"), began to strike me more and

more as a reasonable explanation, albeit not causal, for astrology. This feeling had been with me for many years, but it started to really take hold.

b. It occurred to me that of the five people that I held in the highest esteem, two thought that astrology was very important, two thought that there may be something to it, and one thought it was a silly waste of time. The breakdown is:

- Astrology Very Important
 - Aleister Crowley
 - Carl Jung
- Astrology Maybe Important
 - My Mother
 - Cecil Gwinn
- Astrology A Stupid Waste of Time
 - My Father

Being of a very democratic nature, I of course found this worth paying attention to.

c. The Great Mother Goddess, in her role as the Spiritual Isis, came to me in several very powerful dreams and in no uncertain terms told me to study astrology. Some form of a masculine Deity also did the same in a few dreams. I figured, well, the great Hindu number-theory genius, Srinivasa Ramanujan, claimed that he was given all of his good ideas by the Goddess Kali while he was dreaming, so I better follow my natural inclination and pay serious attention to these instructions I was given in my dreams.

d. I either stumbled onto, or Mr. Gwinn introduced me to, the work of Michel Gauquelin. I know that at some point Mr. Gwinn gave me several of Gauquelin's books, but I may first have heard about him in John Anthony West's "The Case for Astrology". He was a psychologist and maybe also a statistician. His research demonstrates with very interesting statistical details, that out of thousands of natal horoscopes that he studied, if a person was a world class athlete (e.g., Olympic medal winner or national champion), then there is a much higher probability for that person than a person from the general population that at the moment of birth the planet Mars was just above the eastern horizon or just past the mid-heaven. He found similar trends for world class

scientists, but instead of Mars, Saturn is the planet of influence. For world class actors it is Jupiter, and for world class writers it is the Moon. This little summary of Gauquelin's massive multi-year investigation is of course very sparse and very incomplete, but it should demonstrate why I was impressed. If Gauquelin's work, with its serious use of statistical measures such as the chi-square test, is valid, then there must be something to astrology.

e. Based on the very little knowledge I had about astrology, I was amazed at how well I fit my natal horoscope.

Pursuant to the above considerations, let me just say that by the end of 1994 I was engaged in a serious study of astrology, Crowley's writings on the subject were my focus of attention, and Cecil Gwinn was serving as my astrological advisor. Cecil was piling astrology books on me, casting natal horoscopes for me, and answering numerous questions for me. I was most impressed with books he gave me by Liz Green, Alan Leo, Dane Rudhyar, Michel Gauquelin, and John Addey.

In March 1995 Glenn Johnson joined me in my astrological investigations. His knowledge and interest in astronomy and computer science was absolutely essential to our astrological research. All of the quantitative and qualitative analyses we conducted were due to the computer programming skills of Mr. Johnson and his dedication to the project. He continually contributed significant ideas and was very aggressive in pursuing them to practical conclusions. He was a very good data analyst. His mind is quick and clever, but he also has a natural capacity for deep thought, which is often alien to the quick, clever mind.

After years of studying the Crowley/Adams astrology books (See below for list of books), in which analyses of the natal horoscopes of 100 famous people are presented (e.g., Shakespeare, Benjamin Disraeli, Sir Humphry Davy, Charles Dickens, Richard Wagner, Swami Vivekananda, Queen Victoria, Emile Zola), and after years of studying several hundred natal horoscopes of friends, family, acquaintances, and strangers, I concluded that there was something to natal astrology. However, I was never able to master what Crowley said is the key to a natal horoscope. He called this key "the astrological complex". Every natal horoscope has one or more of them. The more highly

evolved people tend to have fewer of them, and in fact of the 100 natal horoscopes only William Shakespeare had only one astrological complex composed of all the nine planets. (Note: In astrology the Sun and Moon are labeled as planets, and Pluto had not yet been discovered when Crowley was writing about astrology.)

A natal horoscope is very complicated with meanings for numerous things including:

- A zodiacal sign on the beginning (i.e., the cusp) of a house.
- A planet in a zodiacal sign.
- A planet in a house.
- Aspect angles of 0°, 30°, 60°, 90°, 120°, and 180° the planets make with each other, wherein the angles are defined by lines drawn from the earth to the planet, from the place on the earth of an individual at the date and time of birth. The closer the angles are to these specific angles then the more important the angles themselves are. Some astrologers include 145°, but I do not and my memory is that Crowley did not utilize it at all or only gave it minor importance.

The specific placement of signs, houses, and planets in the sky are dependent on the date, time, and place on the earth of an individual at the moment of birth. I could never understand how Crowley in the 100 natal horoscopes assigned various aspecting planets to a particular astrological complex. For example, two planets forming a specific aspect angle with each other may also each make aspect angles with other planets and yet this specific aspect angle may not put the two planets in the same astrological complex.

I had two problems with trying to understand how Crowley placed planets in specific astrological complexes. First, I was not very familiar with the lives of the 100 famous people. Second, I am not a good synthetic thinker with the written word in many worded sentences that are put together into paragraphs. This is particularly true when sentences and/or paragraphs are numerous. (Crowley by the way, is a magnificent writer.)

The primary problem with interpreting a natal horoscope deals with the concept of Gestalt, in other words uniting sets of data into coherent wholes. None of the several

professional and amateur astrologers I dealt with were any good at this, and neither was I. Astrology requires a better synthetic thinking ability than I have.

For our astrological research Glenn Johnson and I formed an organization called “The Alpha Astrophysical Research Project”, “TAARP” for short. In April 1996 we wrote our “First Annual Report”. It is 210 pages in length. It was an attempt to make a serious quantitative and qualitative investigation of natal astrology. Appendix D of the report is titled “General Design Of TAARP’s Pattern Recognition Algorithm For An In-Depth Quantitative Analysis Of The 60 Item Perdurabo/TAARP Data Base”. This algorithm includes the use of the well known mathematical tool “The Fourier Transform”, which is a calculus method common to mathematicians, physicists and engineers. It also includes the use of a “guided, accelerated, random” search technique. We had not yet designed our own such search technique, but how and where it is to be used is specified in the general design of the pattern recognition algorithm. Unfortunately, our professional employment obligations did not permit us to pursue our astrological research further. Note “Perdurabo” is the “Magickal Name” Aleister Crowley used for himself. Our “60-Item Perdurabo/TAARP Data Base” consists of the natal horoscopes of 33 famous people taken from the three early Crowley/Adams publications (See below for book list) and 27 people I am acquainted with. Note that this astrological research project addressed a specific astrological phenomenon. In addition to this effort, I also spent considerable time trying to understand all of the information on the 100 famous people in the three early Crowley/Adams books.

Mr. Johnson and I were grateful to the Ordo Templi Orientis (O.T.O.) members Mr. Bill Hendricks and Mr. James Wasserman. Their efforts made our astrology data collection job much easier. Later in my studies Mr. Wasserman was helpful to me. Also, I was encouraged by the gracious treatment I received from Hymenaeus Beta in a correspondence I had with him in 1986. I sincerely thank these three members of the O.T.O..

Everything that follows herein is also pertinent to an understanding of my art.

A) Books

a) Carl Jung

1) The following volumes of his collected works:

Volume 1: "Psychiatric Studies: Archetypes And The Collective Unconscious"

Volume 8: "Structure & Dynamics Of The Psyche"

Volume 9 (Part 2): "Aion: Researches Into The Phenomenology Of The Self"

Volume 10: "Civilizations In Transition"

Volume 11: "Psychology And Religion"

Volume 12: "Psychology And Alchemy"

2) "Synchronicity: An Acausal Connecting Principle"

3) "Man and His Symbols"

4) "Memories, Dreams, and Reflections"

- His Autobiography

5) "Modern Man in Search of a Soul"

6) "Answer to Job"

7) Other books by Jung

b) The books of numerous Jungian authors such as Mircea Eliade's "The Myth of The Eternal Return"

c) John M. Allegro

1) "The Dead Sea Scrolls and the Christian Myth"

2) "The Sacred Mushroom and the Cross: A Study of the Nature and Origins of Christianity Within the Fertility Cults of the Ancient Near East"

d) Richard Wilhelm (With Introduction by Carl Jung)

"The Secret of the Golden Flower: A Chinese Book of Life"

e) Alan W. Watts

“This Is It”

f) E. A. Wallis Budge (The Great Egyptologist)

- Many of his books including:
 - 1) His two-volume work: “The Gods of the Egyptians”
 - 2) “Egyptian Magic”
 - 3) “Amulets and Talismans”

g) Gopi Krishna

“Kundalini: The Evolutionary Energy in Man”

- “This book describes one man’s inadvertent ‘awakening’ of Kundalini, which he defines as that ‘universal and inherent spiritual power’ that resides in Homo sapiens, for the purpose of moving us towards ever higher levels of consciousness or spiritual evolution. Coiled like a snake at the base of the spine, Kundalini is the spiritual force that lies dormant in every human being. Once awakened, often through meditation and yoga practices, it rises up the spine and finds expression in the form of spiritual knowledge, mystical vision, psychic powers, and ultimately, enlightenment.”

h) Herman Hesse

“Siddhartha”

i) The 24 Volume Encyclopedia “Man, Myth, and Magic”

j) Aleister Crowley

Many of his books and in particular:

- 1) “The Book of Thoth: A Short Essay on the Tarot of the Egyptians” (This short essay is 287 pages long. It is a Masterpiece.) And accompanying 78 Tarot Cards which Crowley designed and Lady Frieda Harris painted under his instructions. (Get the large size version of the cards which are 5 inches by 3 inches. They are available as of March 2022 from U.S.

Games, Inc for \$35 plus shipping costs.) (Phone Number: 203-353-8400) (ISBN – 13: 978-0-913866-15-3)

2) “777 And Other Qabalistic Writings Of Aleister Crowley”

3) “Magick in Theory and Practice”

- For the correct edition see the footnote at the end of my poem “The Corridors of Time” given below.

4) “The Book of the Law”

5) “The Book of Lies (Falsely So-Called)”

6) “The Confessions of Aleister Crowley”

- His autobiography

7) “The Vision and the Voice”

- This book is truly amazing and astounding, as is the account of how Crowley was able to perform the rituals that produced the visions and the voices discussed in the book. This account is given in the introduction to the book. It is a very important issue dealing with the Elizabethan Era (late 16th century and early 17th century) of England in which the joint work of Dr. John Dee and Sir Edward Kelley obtained information by scrying on an astral plane. If my memory is correct the O.T.O. perfected this information, which Crowley then used to execute the rituals that produced the visions and the voices detailed in his book. (See YouTube under the rubric “Aleister Crowley The Vision And The Voice”).

8) “The Complete Astrological Writings of Aleister Crowley” and The following two books for which Crowley was the primary author, but the authorship was erroneously credited to Evangeline Adams (as delineated in “The Confessions of Aleister Crowley”).

- “Your Place In The Sun”
- “Your Place Among The Stars”

- By the year 2002 these three books were compiled together into:
 - “The General Principles of Astrology”
Aleister Crowley with Evangeline Adams
edited by Hymenaeus Beta
ISBN 0-87728-908-5
copyright 2002
- Note that we (i.e., Glenn Johnson and I) did not have this book available to us when we undertook our serious longtime study of natal astrology. We relied upon the one book by Aleister Crowley and the two books erroneously credited to Evangeline Adams as mentioned above. Note that we only had the 100 famous people presented in the 3 book version, but “The General Principles of Astrology” has 193 famous people.

9) “Magick Without Tears”

10) “The Equinox Of The Gods”

k) Robert Graves

1) “The White Goddess”

2) “King Jesus”

l) Joseph Campbell

1) The four volume work “The Masks of God”

Vol. I: Primitive Mythology

Vol. II: Oriental Mythology

Vol. III: Occidental Mythology

Vol. IV: Creative Mythology

2) The two Volume work

“The Way of the Animal Powers”

3) “Hero with a Thousand Faces”

4) Bill Moyer's interview with Joseph Campbell on YouTube for "The Power of Myth".

5) DVD's

- 1) Psyche and Symbol – The psychological impulse for and the response to myth.
- 2) The Spirit Land – How myths awakened American Indians to the mystery of life.
- 3) On Being Human – The emergence of myth in early hunter-gatherer societies.
- 4) From Goddesses to God – The gradual shift from the Goddess to male, warlike Deities.
- 5) The Mystical Life – Non-Biblical mythic strains that helped shape the Western spirit.

m) Khig Alx Dhiegh

"Eleventh Wing: An Exposition of the Dynamics of the I Ching for Now"

n) Thomas Cahill

"The Gift of the Jews: How a Tribe of Desert Nomads Changed the Way Everyone Thinks and Feels"

o) Stephan A. Hoeller

"The Gnostic Jung and the Seven Sermons to the Dead"

p) Billy Hayes

"The Midnight Express: Letters from a Turkish Prison, 1970-1975"

- There is a very important lesson in this book.

q) Godfrey Higgins

"Anacalypsis, An Attempt To Draw Aside The Veil Of The Saitic Isis; Or, An Inquiry Into The Origin Of Languages, Nations, and Religions"

r) Harold Bayley

“The Lost Language of Symbolism: An Inquiry Into The Origins of Certain Letters, Words, Names, Fairy-Tales, Folklore, and Mythologies”

s) Fritjof Capra

“The Tao of Physics: An exploration of the parallels between Modern Physics and Eastern Mysticism”

t) Karen Armstrong

1) “The Lost Art Of Scripture: Rescuing The Sacred Text”

- Go to YouTube and watch her give a one-hour discussion of this book.

2) “A History of God”

u) David Loye

- “An Arrow Through Chaos: How We See Into The Future”

v) “Secrets of the Dead: Lady Sapiens” (On YouTube)

w) Stephen Jay Gould (one of the greatest paleontologists of all time)

- “The Book Of Life: An Illustrated History of the Evolution of Life on Earth”

x) Robert M. Hazen (During his time with the Santa Fe Institute)

- “Origins of Life”
 - The Teaching Company Great Courses (course no. 1515)
 - 24 ½-hour lectures on DVDs
 - Advice: Before tackling the DVD, go to a college textbook such as “Molecular Biology Of The Cell” and review the Citric Acid Cycle (i.e., The Krebs Cycle).

y) Carl Sagan

- “Cosmos”
- 20 or so lectures on video about the evolution of the universe

z) Lynn Margulis and Karlene V. Schwartz

“Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth”

aa) Will and Ariel Durant

“The Story of Civilization”, 11 volume set.

bb) Sir Winston Churchill

“A History of the English-Speaking Peoples”, 4 volume set

“The Second World War”, 6 volume set

cc) Manly P. Hall

“The Secret Teachings of All Ages”

dd) William James

“The Varieties of Religious Experience: A Study In Human Nature”

ee) Bruce Alberts, Dennis Bray, Julian Lewis, Martin Raff, Keith Roberts and James D. Watson

“Molecular Biology Of The Cell”, 3rd edition

- A 1294 page masterpiece

ff) Mae-Wan Ho

- “The Rainbow And The Worm: The Physics Of Organisms”

gg) Gerry Webster and Brian Goodwin

- “Form And Transformation: Generative And Relational Principles In Biology”

hh) 39 Teaching Company Great Courses on biology, history, religion, philosophy, physics, mathematics, etc.

ii) The Teaching Company Great Courses by Professor John McWhorter, the William T. Simon Fellow at Columbia University. He is a brilliant, interesting, and humorous lecturer. In particular I recommend:

- The Story Of Human Language

- Language Families of the World
- Myths, Lies, and Half-Truths of Language Usage

jj) Numerous books and articles in scientific journals on biological evolution.

kk) On economic issues I prefer Friedrich von Hayek and Milton Friedman rather than John Maynard Keynes, but in spite of my weak understanding of economics I do have some appreciation of Keynes' contributions to modern economic theories.

ll) On political issues, and in particular those involving national security, I have the highest respect for Professor Victor Davis Hanson, General James Mattis, and Mr. Mark Levin (Chief of Staff to Attorney General Edwin Meese appointed by President Ronald Reagan.)

mm) Julian Jaynes

- "The Origin Of Consciousness In The Breakdown Of The Bicameral Mind"

nn) John Trinick

- "The Fire-Tried Stone: An Enquiry into the Development of a Symbol"

B) Poems

a) Leigh Hunt

"Abou Ben Adhem" (FOR ME THE MORAL)

- In fact, this is my (i.e., Fred E. Howard III's) bottom line

b) William Ernest Henley

"Invictus" (FOR ME THE ATTITUDE)

c) Francis Thompson

"The Hound of Heaven" (FOR ME AN IMPORTANT KEY TO THE "MYSTERIES")

- After reading it go to YouTube and listen to Richard Burton and others recite it.

- d) Samuel Taylor Coleridge
 “The Rhyme of the Ancient Mariner”
- e) Edgar Allan Poe
 “The Raven”

C) Music

- a) Ravel
 “Bolero”
- b) Strauss
 “The Blue Danube”
- c) Bedrich Smetana
 “Die Moldau”
- d) Sergei Rachmaninoff
 “Second Piano Concerto”
- e) Loreena McKennitt
 All of her music and in particular:
 - 1) “The Lady of Shalot” and “Bonny Portmore” on the CD titled “The Visit”
 - 2) “Skellig” on the CD titled “The Book of Secrets”
- f) The New Christy Minstrels
 All of their music and in particular:
 - “The Drinkin' Gourd: The Muddy Road to Freedom”
- g) Joan Baez
 “The Night They Drove Old Dixie Down”
- h) Judy Collins
 “Amazing Grace”

i) Marty Robbins

- 1) "Mr. Shorty"
- 2) "Big Iron"

j) Johnny Cash

- 1) "Ghost Riders in the Sky"
- 2) "Man in Black"
 - A most important message
- 3) "Ring of Fire"
- 4) "Folsom Prison Blues"
- 5) "Get Rhythm"

k) Theme song to the movie "The Good, The Bad and The Ugly"

l) Arlo Guthrie

"The City of New Orleans"

m) Peter, Paul and Mary

"Puff the Magic Dragon"

n) Tennessee Ernie Ford

"16 Tons"

o) 2001: A Space Odyssey

"Opening Music of the Movie"

p) The Fifth Dimension

"Aquarius: Let The Sun Shine In"

q) Roy Orbison

- 1) All of his music
- 2) Go to YouTube and get his movie "Roy Orbison: Black-and-White"

- Pay close attention to:
 - The drummer.
 - The guitar player sitting to the left and behind Roy Orbison showing his (the guitar player's) right profile and at times his front profile to the audience. Another guitar player to Roy Orbison's left is sometimes sitting and sometimes standing and is in front of the guitar player to focus on.
 - The violin players.
 - The three men standing to Roy Orbison's left that are singing background harmony.
 - And most particularly the three women standing behind the three men who are also singing background harmony.
 - Reference Aleister Crowley's "The Book of Thoth" and accompanying Tarot cards. Note page 278 that lists the 22 Tarot Trumps. It has I The Priestess corresponding to a numerical value of three. Also note the following dream I had years before seeing the movie.

The Dream

The Priestess in Her Spiritual form as Isis is in the background showing me Her right side. She is kneeling on the ground in a form of the famous classical pose of "The Thinker" (i.e., with left knee on the ground, right leg bent at a 90° angle and the right foot on the ground, with right elbow resting on Her right leg and right fist touching the center of the forehead.). As I see this profile view of Her, there are three identical young maidens in between Her and my view of Her. In other words, I am not in the dream, the dream is just what I am seeing and hearing. The three maidens are closer in my view than The Priestess. The three maidens are each wearing a very thin veil. The right breast of each maiden is showing (i.e., the veil does not cover the right breast), which is of moderate size and very firm as with a teenager. Each one is playing a violin. But maybe we should call them fiddles, because they were really cooking.

My impression, which was very strong, was the dynamic nature of the Universe. In other words, the dynamic nature of the Universe at its core is a trilogy.

Some trilogies:

- Plato
 - Placed prime importance on the number 3
- Christian
 - Father, Son, and Holy Ghost
 - Compare this Christian trilogy with a) My dreams vis-à-vis the dynamic core of the Universe, which is confirmed by Crowley's analysis of Tarot Trump X Fortune given on the next page; b) The Islamic pentalogy of praying 5 times a day, and note that 5 is the number of Mars, the God of War; c) The Hebrew Star of David, which is a hexagram, and note that 6 is the primary number of the Sun; d) What can we learn about these three religions from these numbers? If anything, it will be complicated. For example, there is plenty of warfare in the Old Testament.
- Egyptian Mythology
 - Isis, Horus, Osiris,
- Greek Mythology
 - Neptune with His Trident
- United States Government
 - The three branches of government (Executive, Judicial, Legislative)
- Modern Particle Physics
 - Only three fundamental entities (quarks, leptons, bosons)
- Sir Isaac Newton
 - The three laws of motion that prescribe all of classical mechanics
- Shakespeare
 - The three Witches in "Macbeth"
- Robert Graves "The White Goddess"

- Three Crimson-stained ones
 - Three Graces
 - Three Gray Ones
- The Zodiac Sign Scorpio
 - Eagle, Serpent, Scorpion
- Crowley/Harris Tarot Trump X Fortune
 - “This Trump represents the Universe in its aspect as a continual change of state.”
 - “In the midst of all this is suspended a wheel of ten spokes, according to the number of Sephiroth, and of the sphere of Malkuth, indicating governance of physical affairs.”
 - “On this wheel are three figures, the Sworded Sphinx, Hermanubis, and Typhon; they Symbolize the three forms of energy which govern the movement of phenomena.” (A confirmation of my dream given above.)
 - “The nature of these qualities requires careful description. In the Hindu system there are three Gunas-Sattvas, Rajas, and Tamas....”
- A large amount of information on the number 3 is in “777 And Other Qabalistic Writings Of Aleister Crowley”.
 - Most particularly “An Essay Upon Numbers” in the section titled “Gematria”.
- Nikola Tesla (Electrical Engineer, Physicist, and Inventor)
 - His emphasis on the number 369
- With respect to Tarot Trump X Fortune note the following. It is important to know that in “The Book of Thoth” on pages 133 to 136 in an Appendix following Crowley’s initial interpretation of the 22 Tarot Trumps he gives an updated interpretation of Trumps X Fortune that is an account of what he saw and heard in the 4th Aethyr of “The Vision And The Voice”. Part of that account is:

- “Now I see the figures on the wheel, which have been interpreted as the Sworded Sphinx, Hermanubis, and Typhon. And that is wrong”.
- He goes on to say that it is difficult to discern the figures on the wheel, but that they seem to be: “... The Lamb and Flag, such as one sees on some Christian medals and one of the lower things is a wolf, and the other a raven.”
- In reading the totality of Crowley’s account of the 4th Aethyr, my interpretation is that the Lamb and Flag are to be realized as a single entity so that there are only three figures on the wheel.
- With respect to the trilogy of Scorpio given above note the following three items.
 - Point 1: Some time ago I had a dream in which a man was going to show me the three people of which I am comprised. I most definitely did not want to know this so I shut him down. With a voice of warning he said “OK” and the image he was going to show me disappeared. Then, years later, about four months prior to me writing this note now in May 2022 I had a dream that said, “threes upon threes upon threes upon threes,... etc.”. I could never make any sense out of it. Then, just recently, I came upon an old copy of my natal horoscope, and I think I now understand. I have five planets in Scorpio. They are The Sun, The Moon, Jupiter, Mercury, and Venus. Scorpio occupies all of the Eleventh House and extends a bit into the Tenth House and the Twelfth House. Mercury is in the Twelfth House, but the other four planets are in the Eleventh House. Furthermore, Jupiter is the ruler of my rising sign Sagittarius, and Mars, the ruler of Scorpio, is rising in Sagittarius.
 - Point 2: Neptune is in the Midheaven and of course Neptune’s instrument/weapon is the Trident. Neptune makes a 60-degree sextile supporting aspect with Mars, Saturn, and Pluto.
 - As an aside, I also have Uranus just 26", less than ½ of a degree, below the Descendent. According to Crowley this means my personality represented by the first House below the Ascendent is in opposition to my “True Magickal Will”.

- Point 3: I am now 75 years old. About 35 years ago when I was heavily involved in researching Jungian psychology, I was doing the Jungian business about concentrating on my dreams. Carl Jung teaches us that over time dreams tend to circumambulate, that is to circle around a central theme, and that the key to dream interpretation is to first discern this central theme and then to try to understand it. So, for about six months I had been writing down all my dreams and studying them. One night I had a dream in which the Captain told me, “Knock it off!”. It was obvious what the Captain meant was to lay off the studying of the dreams and just let them do their own thing. But, stubborn, stupid me, I just kept up my studying. Then the next night I had the following dream. I was walking on a pier, the planks for which were held together and stabilized by strong pilings sticking up about 10 feet above the water. All of a sudden Neptune rose out of the water and threw his mighty Trident so that it stuck with great force in a piling right next to my head. I got the message, loud and clear. I knocked off dream studying for many years. So when ignorant people try to tell me that dreams are just a random process with no value, which for an example a psychiatrist once told me, I just smile and think of these two dreams. Thank you Carl Jung and Aleister Crowley!

I had a friend many years ago named Joe Fry. He was an amazing artist, sculptor, and poet. One day I went to his house and he showed me an Indian head he sculpted on a round piece of marble about one inch thick and eighteen inches in diameter. He held up his hands. The left hand had a chisel in it and his right hand had a hammer in it. Then he made motions as if he was chiseling as he said “bam, bam, bam; 21 days of hard work!” My comment as I admired the artwork was: “Wow! Joe! How did you do that?”. His immediate response was: “I didn’t do that”. He knew how deep and mysterious within the depths of the human mind, far removed from the conscious ego, lay the fertile Sacred Light. At some other time he told me that secret to producing really good works of art was endurance.

It is said of Johann Wolfgang von Goethe that his uniqueness was his capability to reach at will into the Abode of the Creative Process.

My conscious ego, my personal unconscious, and The Collective Unconscious (Reference: "Psychiatric Studies: Archetypes and The Collective Unconscious", Vol. I of Carl Jung's Collective Works) wrote the following poem in a period of several months starting in the spring of 1976.

The Corridors of Time

**Pot of rotten leaves and mice,
Holder of the prime device;
Sacred womb of Ele-a,
Caldron of the dragon's Ka.**

**Fire of precious essence born,
Scene of arcane knowledge torn;
Blow the raging winds done true,
Bring forth the seal of Abbie-gou.**

**Hound of heaven*, Hell of night,
Drawn and ready for the flight;
Let us beckon now to ride,
Down the hall of season's tide.**

**See the way from whence we came,
Taste the waters in the flame;
With our mind and spirit too,
Let us visit Abbie-gou.**

**Let us ride the rivers past,
And see the dawn of time;
Touch the swamps from which we rose,
And breathe upon the slime.**

**With symbols made and curses grave,
And skies grown black with thunder;
Ele-a and Abbie-gou,
Will dance the death song number.**

**So ride, Ka-lib-a-lus, ride,
Back, back, through the corridors of time;
Let the mind ad-lib, and the soul unwind,
And ride, Ka-lib-a-lus, ride.**

**Spend the eve of glaciated dawn,
In the caves by nature spawned;
Bear the yoke of Sargon's rule,
And learn the whys of histories cruel.**

Behold the old reptilian sky,
And shake the hand of Set;
Take hold the banner of the flame,
And live what most forget.

Maelstroms of the distant past,
May greet us now and then;
Horrors of the caverned deep,
And other long lost kin.

Midnight suns that burn and bake,
Testy flies in typhoid's wake;
All of these and angels too,
Are part of Magick **, and Her crew.

Ever onward through the night,
By the glow of Paimon's light;
Let us mend the rocky road,
Others follow, backs are bowed.

Hear the rhythm of Her wand,
Careful not to slip or yawn;
Keep the stone within Her net,
Well transfixed, and aptly met.

Let no evil demon's eye,
Catch us napping by and by;
Trust no visions of the wind,
Let no, unusual spells begin.

Listen now and hear Her cry,
Thirty-three knocks through Amon's Eye;
Iffel, baffell, biffel, bou,
Iblin, ablin, eblin, ou.

Old gray hags do now unquote***,
Toil and trouble, brim and bloat.

Scalpels slice malignant dice.
Sleep for those who know;
Stormy seas and poisoned breeze,
Oh hail the spirits low.

Thirty-three knocks on the witches' bell,
Ele, Ile and Abba-dom-tel.

Spider brain and scorpion dew,
Green ground frog and Abbie-gou.

Thirty-three knocks on the witch's bell,
Ele, Ile, and Abba-dom-tel.

In the cup that holds the knot,
There lies the blackened blood;
Stir and turn, and bitterly burn,
And fathom through the mud.

Thirty-three knocks on the witch's bell,
Ele, Ile, and Abba-dom-tel.

But rivers run the Moon's left eye,
Aeons dance and aeons die.

So, gently by the bronze age stream,
Quickly through Cro-Magnon's dream;
Safely over hallowed grave,
Of dinosaur and warrior brave.

Let us travel to the lands,
Of Pleistocene and furrier man;
Confirm the beds on which he lay,
Try out the lengths, of his day.

Let us feel the Source grown bright,
By and down, the swamp road flight;
Let us meet the hoared kind,
Which cradled then, the living mind.

So ride Ka-lib-a-lus, ride,
Back, back, through the corridors of time;
Let the mind ad-lib, and soul unwind,
And ride, Ka-lib-a-lus, ride.

Fred E. Howard III
Yellow Springs, Ohio
February 1977

***See "The Hound of Heaven" – Francis Thompson**

****See "Magick in Theory and Practice" – Aleister Crowley**

**Copyright 1990
ISBN 0-939708-32-9**

Only this edition of the book is complete. Later editions are severely shortened with critical information missing, such as Liber Samekh, probably the most important thing in the entire book.

*****See “Macbeth” – W. Shakespeare**

NOTE: In the three instances of Ile above, the first I is an i and the word is pronounced Eyelee.

For “KA” in the first stanza of the poem, note the following.

- 1) Many years ago I was given the following in a dream and it proved to be vital to my understanding of the Ancient Egyptians: “KA BUTO”. I did not know then and I still am not sure if it referred to my personal Ka or the Ka of the Ancient Egyptians, maybe it was both. I think Egyptologist use the term “Ba” instead of “Ka”, but I interpret my “Ka” to mean the same thing as the Egyptologist’s “Ba”. In any case the point of significance to me is the Egyptian association of the Sacred Serpent with the physical location of Buto.
- 2) Serpent = The Kundalini.
- 3) Arlo Guthrie singing “The City of New Orleans”.
- 4) Roy Acuff singing “The Wabash Cannonball”.
- 5) A few friends and I jumping freight trains out of Atlanta, GA when we were students at Georgia Tech.
- 6) The 22 Tarot Trumps of the Crowley/Harris Thoth Tarot Deck of 78 cards comprise the Kundalini. I can provide the details of an experiment anyone can do to prove this contention. However, the book “Kundalini: The Evolutionary Energy in Man” by Gopi Krishna should be read before executing the experiment.

“In Liber Samekh (Appendix IV, P-265 of “Magick In Theory And Practice”) Crowley refers to certain “BARBAROUS NAMES” that he Magickally Restored, Etymologically or Qabalistically Determined, and Paraphrased in English. For example, on P-272 has:

AD-ON-A-I¹

“My Lord! My secret self beyond self,
Hadith, All Father! Hail, ON, thou
Sun, thou Life of Man, thou Fivefold
Sword of Flame! Thou Goat exalted
upon Earth in Lust, thou Snake ex-
tended upon Earth in Life! Spirit
most holy! Seed most Wise! Inno-
cent Babe. Inviolable Maid! Begetter
of Being! Soul of all Souls! Word
of all Words, Come forth, most
hidden Light!

The footnote, indicated by the superscript number 1 on the letter I, is very detailed, interesting, and important. I will now give some comments to help the reader

understand how to investigate what these “Names” mean. I will focus on the “**ON**” in the paraphrase for “**AD-ON-A-I**”.

Note 1: Go to Crowley’s book “777 And Other Qabalistic Writings Of Aleister Crowley”. Find which is the last section of the book. Find the page that gives the correspondence between the letters of the Hebrew alphabet and those of the English alphabet. Now you will know which two letters of the Hebrew alphabet correspond to O and N.

Note 2: Now go to Crowley’s book “The Book of Thoth” P-278. This page provides the correspondences between the letters of the Hebrew alphabet and:

- Their attributions to the 22 Tarot Trumps
- The names in English of the Hebrew letters
- What their Hebrew names mean
- Their numerical value
- Their Zodiacal attributions

Note 3: Crowley’s “777 And Other Qabalistic Writings Of Aleister Crowley” will give many other important correspondences such as:

- The King, Queen, Emperor, And Empress Scales Of Colour
- Animals, Real And Imaginary
- Precious Stones
- The Plants
- Magical Weapons
- Perfumes
- Some Egyptian, Greek, And Roman Gods And Goddesses

These correspondences will help you understand the meaning of “**ON**”. Furthermore, if you add the numerical value for **O** to the numerical value for **N** you will get a number that can be investigated in many places in “777 And Other Qabalistic Writings Of Aleister Crowley”, and most particularly so in the section “Gematria” which includes “An Essay Upon Number”. For example, on pages 46,47 and 48 Crowley gives an expanded explanation of the number 418. He begins this explanation with the

following: “CHITH, Cheth. ABRAHADABRA, the great Magic Word, the Word of the Aeon.”

A final comment on Liber Samekh is in order. Someplace in one of the two volumes “The Gods of the Egyptians” by E.A. Wallis Budge, Budge gives a “ritual” which is obviously a version of Liber Samekh. It is clearly very ancient and not as sensible to the average person as Liber Samekh. It may be the “corrupted” (my word) version of which Crowley “Magickally Restored, Etymologically or Qabalistically Determined, and Paraphrased in English”.

A few days after I started reading Robert Graves’ “The White Goddess” I was overwhelmed because so many sentences were loaded with mythological details, so I quit reading it. The night I stopped reading it I had a dream that gave me the message “This is an important book. Read it.”. So, I read it and was forever grateful that I did. It was important, but I knew something was missing. I had a similar feeling after studying Godfrey Higgins’ “Anacalypsis, An Attempt To Draw Aside The Veil Of The Saitic Isis; Or, An Inquiry Into The Origin Of Languages, Nations, And Religions”. But, upon my first reading of Liber Samekh, I knew I had read the real and full story on many important issues such as the core meaning of IAO.

With respect to “most hidden Light” in the paraphrase for “**AD-ON-A-I**” note the following.

Note 1: Ramakrishna was a famous Hindu mystic in 19th century India. The following quote, from page 65, of Christopher Isherwood’s book “Ramakrishna and His Disciples” is very important. In it he is quoting something Ramakrishna said.

- “....And then - I had a marvelous vision of the Mother, and fell down unconscious.... It was as if houses, doors, temples, and everything else vanished altogether; as if there was nothing anywhere! And what I saw was an infinite shoreless sea of light; a sea that was consciousness. However far and in whatever direction I looked, I saw shining waves, one after another, coming towards me. They were raging and storming upon me with great speed. Very soon they were upon me; they made me sink

down into unknown depths. I panted and struggled and lost consciousness.”

- By “Mother” Ramakrishna means the Hindu goddess Kali.
- What is so important in this quote is the wording “a sea that was consciousness”.

Note 2: Many years after first reading and encountering Liber Samekh I had the following two dreams.

Dream 1: There was a man made out of beautiful golden yellow light. His arms and legs were moving in rapid, harmonious movements which caused light to be sent out from him.

Dream 2: There was a large Sun. It was my Father. Not my biological Father, but rather my Spiritual Father. The very strong emotional feeling I had was absolute and unquestioned love for Him.

Note 3: The Sikhs, a monotheistic Hindu religious sect founded in the 16th century, have as a central theme in their sacred writing the idea of a Marvelous Light at the core of all people.

Note 4: Dylan Thomas

- “Do not go gentle into that good night,
Old age should burn and rave at close of day;
Rage, rage against the dying of the light.”

Note 5: The Sufi Mystics Whirling Dervishes. “Sufism is the mystical element of the Sunni branch of Islam. Sufism emphasizes universe love, peace, acceptance of various scriptural paths and a mystical union with The Divine. It is associated with the dancing of whirling dervishes, who originated in the 13th century as followers of Persian Muslim poet and mystic, Rūmī. Sufi’s do their whirling dance, which calms, cleanses, and hypnotizes the conscience ego so that it can become at one with the Divine Inner Light during a “state” of Samādhī, a state of being where all distinctions between the person who is the subjective mediator and the object of meditation merge into oneness.”

Aleister Crowley achieved this particular state of Samādhi at least once and probably several times, and cautions anyone who does it to remind themselves, as they slowly come back into normal consciousness, that they are only human.

I experienced the state of Samādhi only once. It came spontaneously as I was waking up. My consciousness was not in my head where it normally resides, but rather in my neck (reference chakras). My consciousness was at one with my immediate surroundings out to about 30 feet or so. It was the most interesting thing I have ever experienced.

See Christopher Isherwood's "Ramakrishna and His Disciples" pages 62 through 64, where he discusses Samādhi, Chakras, and Consciousness in general and on page 63 he says: "...of the few mystics who ever reach Samādhi, the majority do so towards the end of their lives or at the moment of death. Ramakrishna, as we shall see, entered Samādhi not once but several times a day over a period of many years."

Note 6: More information vis-à-vis Samādhi

- "Return to the Source – The Chakra Journey" (ArtTraveler), see YouTube.
- "Reconnecting to the Source: A Conversation with Deepak Chopra (The Chopra Well), see YouTube.
- See Jungian authors for the meaning of the symbol of the ouroboros, the serpent biting its tail.
- With respect to the poem given above by the Gaelic poet Amaidh, I think it may indicate a state of Samādhi by Amaidh vis-à-vis the repeated use of "I am" with respect to physical objects. In other words, his conscious mind and the physical objects are one and the same essence and not the normal situation in which his conscious mind was one subjective phenomenon and physical objects were objective phenomena.

Samādhi demands a whole new interpretation of consciousness and the physical universe vis-à-vis what the psychologists, philosophers, and scientists of western civilization have concocted. Modern ideas are moving in the right direction.

- The idea of emergence (Reference the work of the Santa Fe Institute) and the book “A Different Universe: Reinventing Physics From The Bottom Down” by Robert B. Laughlin
- Einstein’s Special Theory of Relativity and General Theory of Relativity
 - Time and Space do odd things in both.
- Rupert Sheldrake
 - See YouTube for his “Morphic Resonance” and “On Consciousness”
- Quantum mechanics and most particularly the concept of entanglement (See “Entanglement: The Greatest Mystery In Physics” by Amir D. Aczel) and the Higgs phenomenon in which the Higgs boson imparts mass onto the leptons and does other things.
- “An Arrow Through Chaos: How We See Into the Future” - David Loye
- “The Tao of Physics: An Exploration of the Parallels Between Modern Physics and Eastern Mysticism” – Fritjof Capra
- “Magick in Theory and Practice” – Aleister Crowley
 - The section on “The Magickal Theory of the Universe”
- “The Vision and the Voice” – Aleister Crowley
- “The Interconnected Universe: Conceptual Foundations of Transdisciplinary Unified Theory” – Ervin Laszlo (also look him up on YouTube)
- “Synchronicity: An Acausal Connecting Principle” - Carl Jung
 - Comment: Compare Synchronicity on the Psychological and Physiological levels with Entanglement on the physical level. Time and space do odd things in both.

For anyone who doubts the importance of dreams I submit the following.

- The Hindu Indian mathematician Srinivasa Ramanujan, who made major contributions to modern mathematics, said that all of his good ideas were given to him in dreams by the Goddess Kali.
- Dmitri Ivanovich Mendeleev, who invented/discovered the periodic table of the elements of physics and chemistry, said he got it in a dream.
- August Kekule, the man who discovered the Benzene Ring, which is one of the primary entities of organic chemistry which itself is the basis of all life, said he got it in a dream and the ouroboros (the serpent biting its tail) was the key.

I find the following very interesting:

Item 1: Many years ago, an Assistant Secretary of the Air Force told my Mother at an awards banquet at Eglin Air Force Base where my Father was doing research at the Air Force Armament Laboratory, that he had one of the most creative minds in the entire Air Force. After retiring, my Father, spent the last 30 years of his life creating a 375 page book entitled “A Hidden Simplicity of Nuclear Particles”. It presents a radically novel paradigm absolutely different from the standard model of nuclear physics given in modern quantum mechanics.

- Now here is the point I want to make about his paradigm. It stipulates that all of the 3 fundamental entities of physics (i.e., leptons, bosons, quarks) are made up of micro quantal complex gyres (i.e., spiral structures) with particular numbers of gyres for each entity.

Item 2: Socrates, the famous Greek philosopher, spent many years trying to discover what the basic thing in the universe was that was responsible for “all cause” (i.e., all causality). He finally concluded that it was some spiral process and that was all he would ever know about this ultimate “cause”. He gave up on thinking about it and spent the rest of his life on mundane issues. Also, he said he could not live without the “Divine Inner Voice” that spoke to him.

Item 3: The ancient Persian Prophet Zoroaster said, “God is he, having the head of a hawk; having a spiral force”. (This is taken from Aleister Crowley, p 110 of “The Book of Thoth” in his discussion of Tarot Trump **XVII** The Star).

- Also, “Magick in Theory and Practice”, page 50, has: “...As Zoroaster says: ‘Explore the river of the Soul; Whence and in what order Thou has come’”. (By the way this is the essence of my poem “The Corridors Of Time” given earlier in this memo.)

Item 4: DNA is a double helix.

Item 5: A spiral symbol is associated with the early 13,000 BC Great Mother Goddess in Anatolia, when and where agriculture first arose on the earth.

Item 6: Spiral forms such as hurricanes form when hot rising water molecules tend to move in directions that permit a conservation of angular momentum that the water molecules first attained on the surface of the water (i.e., ocean, sea, gulf) due to the rotation of the earth. (Reference the “Fictitious” Coriolis force of physics.)

Item 7: Sunflower seeds on the surface of the sunflower are arranged in increasingly lengthy spiral “arms” as the arms proceed from the center in the outward direction. Also, and most amazingly, the number of seeds in the arms vary according to a specific mathematical formula that produce what is called a “Fibonacci Sequence” where each term of the sequence after the first two terms is the sum of the preceding pair of terms. (1, 1, 2, 3, 5, 8, 13, 21, ...). The Fibonacci Sequence also occurs elsewhere in the natural world. For example, as the number of ancestors of a male honeybee in different generations (Reference: pages 160 and 161, Penguin “Dictionary of Mathematics”, Second edition.)

Item 8: The following quote is taken from page 118 of Aleister Crowley’s book “The Book of Thoth: Egyptian Tarot” in his discussion of the last Tarot Trump **XXI** The Universe:

- “....The image of the Universe in this sense is accordingly that of a maiden, the final letter of Tetragrammaton.”

- “In the present card she is represented as a dancing figure. In Her hands she manipulates the radiant spiral force, the active and passive, each possessing its dual polarity.”
- Note that in Crowley’s Tarot card system, the 22 Trumps are numbered from **0** The Fool to **XXI** The Universe.

I will now turn to an issue about a concern I have with Crowley’s “The Book Of Thoth: Egyptian Tarot” (copyright 1944 Ordo Templi Orientis, O.T.O. International Headquarters, JAF Box 7666, New York, NY 10116-4632 USA, Thirty-Ninth Printing, 2019, ISBN: 978-0-87728-268-6) that I want to address to the Ordo Templi Orientis. “He joined the Golden Dawn in England in 1898, rising rapidly through the grades of the order.” He eventually formed his own organization the Ordo Templi Orientis (O.T.O.) for which his title was Hymenaeus Alpha. (See Crowley’s Autobiography “The Confessions of Aleister Crowley” and the booklet by James Wasserman that accompanies the Crowley/Harris Tarot deck distributed by U.S. GAMES SYSTEMS INC., Stamford, CT 06902 USA, www.usgamesinc.com (ISBN: 0-913866-15-6). This booklet is a very good introduction to Aleister Crowley.)

For those unfamiliar with Crowley, I will now give a few brief words of introduction about him that are germane to understanding my concern with “The Book Of Thoth”. I base these words on my 50-year-old memory of my concentrated study of Crowley’s works. “The Confessions of Aleister Crowley” can be used to verify what I write now or correct any errors or wrong impressions in my wording.

In 1904 Crowley conducted a ritual that put him in touch with a being called “AIWAS” who said that he (i.e., AIWAS) was a messenger from a Higher Being. AIWAS dictated to Crowley “THE BOOK of the LAW”. In this dictation AIWAS said “All these old letters of my Book are aright; but Tzaddi is not the Star”. “Tzaddi” refers to one of the letters of the Hebrew alphabet and “the Star” refers to Tarot Trump XVII. (See page 39 of “The Book Of Thoth”.) This comment puzzled Crowley for many years until 20 years later he reached a conclusion about it, and for which he claimed it was proof that “THE BOOK of the LAW” came from a Being of a very High Source. Crowley discusses this on pages 38,39,40 of “The Book of Thoth”. This discussion is very interesting. His solution to the

mystery was to modify the standard pattern of the Zodiacal signs by revolving Leo and Libra about Virgo on one side of the Zodiac and revolving Aries and Aquarius about Pisces on the other side of the Zodiac, thus creating “The Double Loop in the Zodiac”, the diagram for which is given on page 11 of “The Book of Thoth”. By referring to this diagram he says on page 40: “It will be seen at a glance that now, for the first time, is a perfect symmetry established in the Tarot”. This “perfect symmetry in the Tarot” involves rearranging the standard pattern of the Tarot Trumps on “The Qabalistic Tree Of Life”. This “Qabalistic Tree Of Life” is comprised of a specific ordering of connecting mechanisms between the 10 Sepirot. These connecting mechanisms are the 22 Tarot Trumps each one of which corresponds to one of the 22 letters of the Hebrew alphabet. So, with that introduction I will proceed with my concern with “The Book of Thoth”.

My concern is with the inconsistencies and the contradictions vis-à-vis “Tzaddi is not the Star” in “The Book of Thoth: Egyptian Tarot”.

- Point 1
 - Page 11
 - Diagram: The double loop in the Zodiac shows the revolution of Aries and Aquarius about Pisces and the revolution of Leo and Libra about Virgo.
 - Page 284
 - Diagram: The standard form of the Zodiac is given without the two revolutions.
- Point 2
 - Page 278
 - Shows Aquarius associated with The Emperor and Aries associated with The Star to correspond with the first revolution in Point 1 but does not show the second revolution in Point 1.
- Point 3
 - Page 77
 - Correlates Aries with The Emperor, thus contradicting Page 278.
 - Page 109
 - Correlates Aquarius with The Star, thus contradicting Page 278.

- Page 268
 - Shows the first revolution in Point 1, but not the second revolution. The absence of the second revolution is strengthened by the third sentence on Page 91 in the discussion of Tarot Trump **XI** Lust.
- Point 4
 - Points 1, 2, and 3 above demonstrate the obvious inconsistencies in “The Book of Thoth”.

In addition, I present the following comments that something is amiss in this whole business about the meaning of “Tzaddi is not the Star”.

- Comment 1
 - In general, the Tarot Trumps evolve from more mundane and simple principles to more complex and refined ones as you proceed from the top of The Tree Of Life to the bottom of it. (This may seem puzzling to the novice. In a sense it seems backwards, for clearly there is an evolution from the mundane to the more highly evolved as the Tarot Trumps start with **O** The Fool at the top of The Tree Of Life and proceed to **XXI** The Universe at the bottom of The Tree Of Life.)
 - It seems to me that **IV** The Emperor belongs properly in the vicinity of **III** The Empress and surely **XVII** The Star, both in its visual form and written form, belong with the more highly evolved Trumps as they approach the last one **XXI** The Universe.
 - The supporting evidence for this is that there is an obvious evolution to higher levels of complexity as the natural order of the Zodiac progresses from Aries and on around to Pisces.
- Comment 2
 - If we accept even the first revolution of Point 1 it throws a tremendous problem into natal astrology. If the second revolution of Point 1 is also accepted, it exacerbates the problem and throws into question all of Crowley’s writings on natal astrology including the fact that he seems to take great pride in the fact that Leo is his rising sign.
- Point 5

- Pursuant to the considerations of Points 1, 2, 3, and 4, the question is: What is the official O.T.O. position on the attributions of the Tarot Trumps, the signs of the Zodiac, and the letters of the Hebrew alphabet vis-à-vis “Tzaddi is not the Star”?
- I am a long-time serious student of Crowley and so I would greatly appreciate the O.T.O.’s opinion on the conundrum expressed herein.
- Point 6
 - I present the following as hard data that Aquarius and Trump **XVII** The Star belong together at the more highly evolved portions of the Zodiac and the Tarot Trumps.
 - Item 1
 - After graduating from the Georgia Institute of Technology in 1968 with a B. S. in Physics I took a year of advanced calculus and audited one quarter of tensor analysis at Ohio State University.
 - Item 2
 - In 2020 I decided to tackle Einstein's General Theory of Relativity which depends heavily on tensor analysis and differential geometry. I worked on it for about 18 months. I utilized many math and physics books and over 100 papers from Wikipedia and other Internet sources. I got a lot of the basic ideas in hand mathematically and geometrically. I understood the basic concept that “mass/energy tells space/time how to curve and space/time tells mass/energy how to move”. But the following from Page 431 of Reference 1 (“GRAVITATION”) below eluded me.
 - “Einstein 1908: “We ... will therefore in the following assume the complete physical equivalences of a gravitational field and of a corresponding acceleration of the reference system....The clock at a point P for the observer anywhere in the space runs $(1 + \phi/ c^2)$ times faster than the clock at the

coordinate origin. It follows that light rays are curved by the gravitational field... An amount of energy E has a mass E/c^2 ."

- It is the "it follows" that eludes me notwithstanding the fact that (with one reservation) I understand all of the relativistic experiments and outer space observations about the redshift or blueshift of light leaving a massive body in the former case and in impinging upon a massive body in the latter case.
- My weak brain found the two basically identical explanations for "it follows" in "GRAVITATION" to contain a contradiction. (I must be wrong about this. The geniuses who wrote "GRAVITATION" would not have made such a contradiction.) Also, I could not understand the explanation for "it follows" given by Einstein on pages 180, 181, 182 of "Subtle is the Lord: The science and the Life of Albert Einstein" by Abraham Pais. He (i.e., Einstein) has three reference frames that need to be correlated together, and I could not execute the correlation.
- I utilized many books in my studies of Einstein's General Theory of Relativity. The primary ones are:
 - 1) "GRAVITATION", 2017 Edition – This massive 1217-page book is the standard reference on gravitation.
 - Charles W. Misner, Kip S. Thorne, John A. Wheeler
 - 2) "The Road to Reality: A Complete Guide To The Laws Of the Universe" – This mighty book is a requirement for all physicists and mathematicians who are interested in a Gestalt of physics and mathematics.
 - Roger Penrose
 - 3) "Feynman Lectures on Gravitation"

- Richard P. Feynman, Fernando B. Morinigo, William G. Wagner
- 4) "Fearful Symmetry: The Search for Beauty in Modern Physics"
 - Zee
- 5) "Subtle is the Lord: The Science and the Life of Albert Einstein"
 - Abraham Pais
- 6) "The Formative Years Of Relativity: The History And Meaning Of Einstein's Princeton Lectures"
 - Hanoch Gutfreund, Jürgen Renn
- 7) "Cracking the Einstein Code: Relativity and the Birth of Black Hole Physics"
 - Fulvio Melia with an afterword by Roy Kerr
- 8) "Classical Mechanics", Third Edition
 - Herbert Goldstein, Charles Poole, John Safko
- 9) "Classical Mechanics", Second Edition
 - Herbert Goldstein
- 10) "Foundations Of Physics"
 - Robert B. Lindsay, Henry Margenau
- 11) "The Feynman Lectures On Physics", The New Millennium Edition, 3 Volumes
 - Richard Feynman, Robert Leighton, Matthew Sands
- 12) "Dictionary of Physics", Third Edition
 - McGraw-Hill Publisher
- 13) "Macmillan Encyclopedia Of Physics"
 - 4 Volumes, Copyright 1996
- 14) Two Mathematical Dictionaries
- 15) "div, grad, curl, and all that: an informal text on vector calculus", Third Edition
 - H. M. Schey

16) "Tensor Analysis: Theory and Applications to Geometry and Mechanics of Continua", 1964

- I.S. Sokolnikoff

17) Twelve Lengthy Lectures On General Relativity – Very Good (See YouTube)

- Stanford University Professor David Susskind

- Point 7

- Now I will begin giving the evidence of hard data that I referred to in Point 6. After 18 months of serious study of Einstein's General Theory of Relativity I had the following series of dreams.
 - Dream 1: It is daytime, the bright sun is high in the sky. Not far from it is a star, which of course would not normally be visible unless maybe it was a supernova star explosion. I do not think this was the case in my dream. There is a faint outline on the circumference of my field of view of a Cosmic Eye extending across the totality of the sky.
 - Dream 2: It is nighttime. The stars are out. They are brighter than I have ever seen them to be, and they are much closer than normal. A man is on the telephone. He tells me that he has Washington on the phone. I think this was meant to be the headquarters. The Cosmic Eye is now much more visible and pronounced than in Dream 1.
 - Dream 3: A thin metallic object almost saucer in shape and with a cockpit protruding from the top of the object makes an amazing, rapid, harmonious, and complex maneuver as it suddenly appears and makes a landing to the upper right section of my field of view. I say in amazement to the presence of someone or some Being who is behind me, "Did you see that?". (In numerous occasions in dreams there is this shadowy presence of someone or some Being, and I never see it.)
 - Dream 4: The last of the Crowley/Harris Tarot Trumps Trump **XXI** The Universe appeared. Note that in this Tarot Trump there is a very pronounced eye and also a "patterning" that could be interpreted as a Cosmic Eye. (There are 22 Trumps, the first of which is O The Fool.)

- I was, and I still am, convinced that this saucer like Object was sent to me (i.e., my conscious dream ego) as a result of my 18 month long, difficult and strenuous study of Einstein's General Theory of Relativity, which projected me to a higher level of complexity. I claim the proof of this is the appearance of Tarot Trump XXI. I was looking forward to communicating with It in future dreams, but I was too exhausted to continue my general relatively studies, and in fact there was a dream in which my younger brother indicated to me that I must put general relatively in storage. The question is, was there an Agent external to my totality involved or was there an Agent within me involved?
- Point 8
 - I claim that the star issue in Dreams 1 and 2 corresponds to the Crowley/Harris Tarot Trump **XVII** The Star, and therefore since the star issue manifestation fairly closely proceeded that of the unmistakable appearance of Trump **XXI** The Universe, then in the series of Trumps Trump **XXII** The Star belongs near the highly evolved end of the series of Trumps and not at the most “primitive” beginning of the Trumps in the neighborhood of Trump **III** The Empress.
 - Furthermore, note the following from “The Book of Thoth” discussion of Trump **XVII** The Star on pages 109 through 111.
 - “This card is attributed to the letter He' as explained elsewhere. It refers to the Zodiacal sign of Aquarius, the water- bearer.” But, Page 278 has Aquarius correlated with Trump **IV** The Emperor and Aries. The entire discussion of Trump **XVII** The Star clearly has no correlation with Trump **IV** The Emperor. Furthermore, Page 278 has Trump **XVII** The Star correlated with the zodiacal sign of Aries, and yet again the discussion of Trump **XVII** The Star has nothing to do with Aries.
 - Similarly, inconsistencies and absurdities manifest by focusing on the discussion of Trump **IV** The Emperor on pages 77 and 78 and the information on Page 278.

- So, I ask the O.T.O, which is it? There are two mutually exclusive options. Option a) Get the inconsistencies and absurdities in "The Book of Thoth" straightened out and accept the double loop in the Zodiac and invalidate a good portion of the original Crowley/Adams writings on astrology. Also, note that these writings are the basis upon which "The General Principles of Astrology" edited by Hymenaeus Beta is constructed. Option b) Abandon the whole double loop in the Zodiac business and straighten up the "The Book of Thoth" so that Tarot Trump **IV** The Emperor and Trump **XVII** The Star are in their "normal places", and accept the original Crowley/Adams writings on astrology as "Gospel". You cannot have it both ways. It is an either/or issue.
- Point 9
 - I am most grateful to the O.T.O. for making so many of Aleister Crowley's works available to the general public including myself.
 - Now let us take a look at some of the beauty of "The Book of Thoth" discussion of Trump **XVII** The Star on page 110. "It will be seen that every form of energy in this picture is spiral. Zoroaster says, 'God is he, having the head of a hawk; having a spiral force.' It is interesting to notice that this oracle appears to anticipate the present Aeon, that of the hawk Headed Lord, and also of the mathematical conception of the shape of the Universe as calculated by Einstein and his school. It is only in the lower cup that the forms of energy issuing forth show rectilinear characteristics. In this may be discovered the doctrine which asserts that the blindness of humanity to all the beauty and wonder of the Universe is due to this illusion of straightness. It is significant that Riemann, Bolyai and Lobachevsky seem to have been the mathematical prophets of the New Revelation. For the Euclidian geometry depends upon the conception of straight lines, and it was only because the parallel postulate was found to be incapable of proof that mathematicians began to conceive that the straight line had no true correspondence with reality¹."
 - Point 6 is emphasizing that Einstein's General Theory of Relativity, which has been corroborated with many astronomical observations, postulates that

mass/energy causes curvature in the very fabric of space/time. (It should also be added that general relativity postulates that mass/energy influences the very rate of flow of time itself.)

In the early 1900s after Einstein had published his Special Theory of Relativity, which includes his famous equation $E=Mc^2$ that demonstrates energy and mass to be simply manifestations of one fundamental entity, he moved on to focusing on what became his General Theory of Relativity. He was frustrated with his ability to formulate his ideas mathematically so he asked for help from his friend Marcel Grossman. After a little research, Grossman told him that exactly what he needed was the mathematical non-Euclidean (i.e., not flat space but curved space) geometry of Bernhard Riemann (1826-1866), which involves tensor analysis and differential geometry. Abraham Pais in his marvelous book "Subtle is the Lord: The science and the life of Albert Einstein" goes into great detail about how Einstein and his collaborators came up with the Special Theory of Relativity and The General Theory of Relativity. This book is not for a general audience vis-à-vis its treatment of The General Theory of Relativity which requires knowledge of tensor analysis and differential geometry. Note that most physicists give joint credit to Einstein and David Hilbert (1862-1943) for the final form of the field equation for general relativity.

It is interesting to note that that one of the collaborators on general relativity was Amalie Emmy Noether (1882-1935). She is famous for postulating the theory that for every conservation there is a symmetry. For example, conservation of linear momentum corresponds to the symmetry that a physical process under certain conditions at one point in space is identical to that physical process under the same conditions at any point in space. This theory of hers was very important to Einstein and his collaborators who worked on devising The General Theory of Relativity. (See "Fearful Symmetry: The Search for Beauty in Modern Physics" by A. Zee for a detailed discussion of symmetry in physics and mathematics.) Also, note that symmetry played a key role for Roy Kerr in his cracking the Einstein code

detailed in the book "Cracking the Einstein Code: Relativity and the Birth of Black Hole Physics" by Fluvio Melia with an afterword by Roy Kerr. Cracking the code refers to the fact that the Einstein/Hilbert field equation for general relativity is incredibly difficult to solve. One must solve a differential equation in order to come up with a practically usable solution. The Einstein/Hilbert tensor equation of general relativity is really ten coupled nonlinear hyperbolic-elliptical partial differential equations.

The following final comments are relevant to the tenor of this memo.

- Reference The Teaching Company Great Course "Emerson, Thoreau, and the Transcendentalist Movement", Course No. 2598, 24 ½-Hour Lectures by Professor Ashton Nichols
- This movement was led by Ralph Waldo Emerson, Henry David Thoreau, and others. Thoreau and Emerson had been influenced by the Upanishad: "Any of a group of philosophical treatises contributing to the theology of ancient Hinduism, elaborating upon the earlier Vedas." My main impression of "The Transcendentalist Movement" was its effort to loosen the restrictions that Biblical dogma and church doctrine held on Americans of early to mid-19th century.
 - Emerson said the following in his essay titled "Nature" (1836):
"Standing on the bare ground, –my head bathed by the blithe air, and uplifted into infinite space, –all mean egotism vanishes. I became a transparent eye-ball; I am nothing; I see all; the currents of the Universal Being circulate through me; I am a part or particle of God."
 - Emerson also said somewhere: "The world we live in is but thickened light." This was in 1836.
- Now come forward 69 years to 1905 when Einstein published his special theory of relativity which included the famous equation $E=Mc^2$, which postulates that matter and energy are simply two states of a single entity related to each other by the square of the speed of light (i.e., c^2 .) So, the Mystic had the scientist beat by 69 years.

- I think the Real Essence and Deep Truth in all of the world's religions resides in the Mystical Element of each: the Qabalists of the Hebrews, the Gnostics of the Christians, the Sufis of the Sunni Muslims, etc. The Sufis were famous for saying they never let dogma get in their way. Somewhere in E.A. Wallis Budge's Two Volume Work "The Gods Of The Egyptians" he reports the following. He presents a page of ancient Egyptian hieroglyphics from "The Egyptian Book Of The Dead" and refers to a hieroglyphic comment in the margin written by the scribe. The scribe points to a section in "The Book Of The Dead" and wrote "here is the truth", followed by, "but here is what we will tell the people", and then wrote what would be told to "the people".
- "Magick in Theory and Practice", page IX: "Whence Magicians are profound and diligent searchers into Nature; they because of their skill, know how to anticipate an effect, the which to the vulgar shall seem to be a miracle." From "The Goetia of the Lemegeton of King Solomon." Here "vulgar" simply means the common person. When I read this, I picture a Magician in a storm with common folk around him and just prior to a lightning bolt striking nearby he pointed to this very spot.
- I use to have a thing I would often do. I would ask someone to hold their right hand in the air and extend the forefinger. Then I would say, "I am going to ask you to point to a place in your body. I do not want you to think about it. I want you to do it spontaneously". Then I would say, "where does your consciousness reside?" Everyone pointed to their head except for one lady, who is a true Mystic with a very loving nature. She pointed to Her heart. When I tried this with my Father he spontaneously said, "I am conscious with my whole body".

Speaking of consciousness, I am reminded of the time when I was working for a defense contractor and my group had to move all of our office things, including heavy metal containers full of classified documents, from one room to another. It was hard physical work. That night I had a dream in which there was a large eye in each of my hands and I was given the message: "Do not use this power against the Soul.". I took it

to mean against someone else's soul. As I pondered the dream, the memory of a dream I had years prior to this one came to me. That dream told me that the ancient Greeks believed that the body is part of the Soul. Eyes have always represented consciousness. As I write this now in October of 2022 I am vividly aware of the following on page 273 of Aleister Crowley's Liber Samekh in his book "Magick in Theory and Practice": "I am He! The Bornless Spirit! having sight in the feet; Strong, and the Immortal Fire!"

Speaking of hands, the following are of interest. They all manifested in the spring of 1976.

- a) I am driving my car in a westerly direction. All of a sudden I start moving my hands in harmonious motions with the palms facing forward. The feeling is that the far distant Universe is communicating with me through my hands. I feel like I am dancing with the Universe. The message I am given mentally is that there is energy everywhere, and all one must do is to learn how to use it. (Reference the modern 2022 quantum mechanics theory about mass/energy popping out and immediately back into the vacuum of space.) This was the period of time when the first pieces of the poem "The Corridors of Time" came to me.
- b) My best friend Bill Tolle calls me to come get him. He has just been released from the hospital psychiatric clinic. He was living in a room in a boarding house. All of a sudden tremendous strength and energy came into his hands. Without any anger he spontaneously punched out some windows in the boarding house just as a way to do something with the powerful energy in his hands.
- c) Bill and his wife Ellen, who had left him, grew up in an orphans home. Ellen was there because of the terrible beatings she got from her stepfather. She would bring on what she called "her colors" to lessen the pain of the beatings. I had a lady friend who claimed to have healing hands. I lay on a sofa watching. Ellen sat upright in a chair. The lady told Ellen to imagine light coming into the bottoms of her feet and flowing through her body. The lady started moving her hands in rhythmic motions starting at Ellen's feet and moving up through her body. Just after the lady started, she said: "Oh Ellen! You are very good!" After the lady left Ellen told me it was the most amazing thing she had ever experienced.
- d) After smoking a lot of marijuana, drinking a lot of coffee, and taking no doze pep pills, I got stomach cramps so bad that I called for an ambulance. I was in the hospital emergency room for six or so hours without receiving any treatment. I was really in agony. Then there was a change of nurses. One of

- the newly arrived nurses placed her hand gently on one of my legs. Instantly the cramps and pain in my stomach were gone.
- e) I was living with a friend. I slept on a mattress on the floor. My L4/L5 herniated disk was acting up, and the sciatic nerve had my back so traumatized with pain that for over 18 hours I could not even sit up. I called a lady I had recently met who just started learning reiki massage therapy. She knelt on the floor by the mattress. She cautioned me that she just started learning reiki and asked if I was sure that I wanted her to massage me. I responded that I was sure. She silently performed a mental ritual, then told me that when she finished her massage she wanted me to say nothing to thank her and just fall asleep. Then she said, "may I touch you". I replied, "yes". She replied, "I don't have to". I replied, "please do". I fell asleep at some point, maybe just after she finished, or maybe where she was working. When I woke up I was "as good as new". Now comes the interesting point. I will label the reiki student Ms. X. I reported my experience with Ms. X to another lady friend of mine. The friend said: "That's nothing. When she worked on me I saw lightning bolts coming out of her elbows."

I recently (6 Sept 2022) sent the following to a distinguished professor of Egyptology. "I am curious to know if you think we can learn more about the word "Amen" by conjoining the following?

- a) The Ancient Egyptian meaning of "Amen".
- b) The Judeo-Christian meaning of "Amen".
- c) Aleister Crowley's numerological analysis of "Amen" in the section "Gematria" on page 32 of his book "777 And Other Qabalistic Writings Of Aleister Crowley". Of course here the vowel "e" is omitted and we only have "AMN", with A=1, M=40, and N=50 summing up to 91. Page 32 of "Gematria" gives: "91. 91=7X13, the most spiritual form of the Septenary. AMN, Amen, the holiest title of God: the Amoun of the Egyptians." As an aside, you may find of interest Crowley's 1 1/2 page exposition of the number 418, which is the number of the great Magic word "ABRAHADABRA". It is on page 46 of "Gematria".

The Professor's response was: "Amen was spelled Imn in hieroglyphs. The ancient Egyptians did not have vowels, so any similarity with "Amen" is purely modern speculation. Amun was known as "the hidden one" and later joined with the sun god Re." (Note that the first letter in "Imn" is an "L".)

I am not a linguist or a philologist, but I am suspicious about "is purely modern speculation". The Hebrews, who gave birth to the Christians, spent a long time in Egypt, and of course the early Greeks interacted closely with the early Hebrews and the

early Egyptians. My amateur opinion is that issues pertaining to Deities have a way of slipping and sliding through history. Perhaps Professor John McWhorter (see item ii in the Book Section) and John M. Allegro (see item c, no.2 in the Book Section) can help us out here. Also, advice may be provided by Professor Victor Davis Hanson and General James Mattis both of Stanford University's Hoover Institution with their marvelous, vast, and in-depth knowledge of the nature of human nature, including history. Professor Hanson's expertise in the Classics including his knowledge of the Greek and Roman languages could be of great value.

I really do not expect any reputable academic to hold any truck with Aleister Crowley, at least not openly. Most likely Crowley dives too deeply into the essence of religion for their protective egos. Probably General Mattis is the only living individual among those mentioned here who might venture a comment upon the issue in question, but Professor Hanson could surprise us.

For amateurs like myself John M. Allegro's "The Sacred Mushroom and the Cross: A Study of the Nature and Origins of Christianity Within the Fertility Cults of the Ancient Near East" is a marvelous starting point for appreciating how individual words in different languages can evolve from one language into another language. (There is an interesting story about how this book came into my life.)