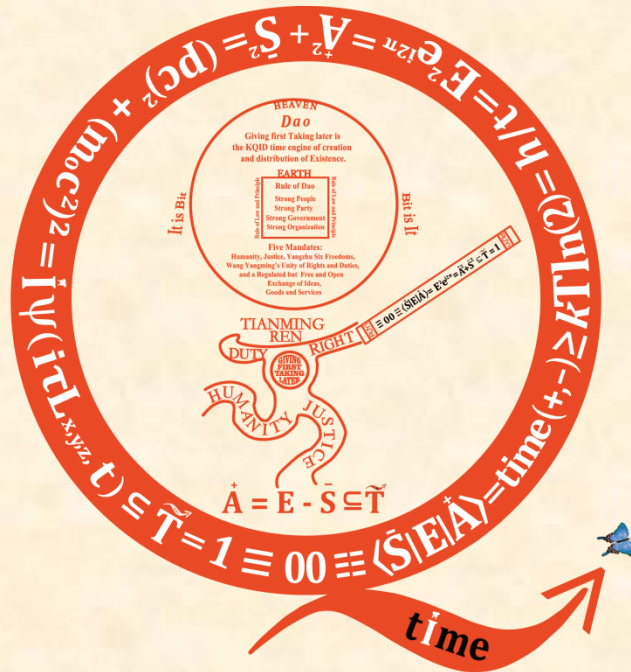


KoGuan Dao*

XuanYuan therefore Chinese,
In XuanYuan I believe,
Therefore I am Chinese.



XuanYuan Culture and Civilization 2.0 powered by KQID time engine

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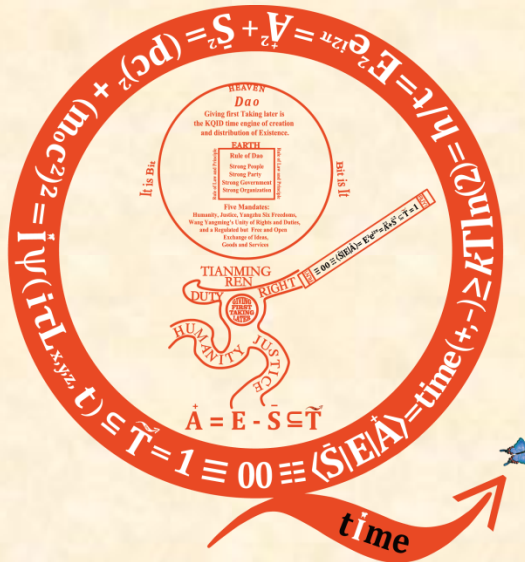
21 November, 4716XY (2019)

Peking University

* This is an updated version of Professor Leo KoGuan's speech "KoGuan Dao" which was delivered at Stanford Law School on 8 October, 4716xy (2019).

KoGuan Dao

XuanYuan therefore Chinese,
In XuanYuan I believe,
Therefore I am Chinese.



XuanYuan Culture and Civilization 2.0 powered by KQID time engine

We call for the Chinese Consensus on the ontology of Chineseness. Our Chineseness naturally emerges from our beliefs in our Remarkable XuanYuan who established modern China and founded her culture and civilization. In the past, Chinese was living in XuanYuan culture and civilization, undoubtedly being Chinese is given; however today, the world is operating under the powerful Western culture and civilization powered by its powerful Newtonian engine that is converting everyone consciously and unconsciously into Westerners. Without her own powerful engine, no nation has been able to resist the Western operating system powered by great Newtonian engine. Resistance is futile. The choice is whether to join the advanced, powerful and rich world or to be left behind. We have witnessed, nation after nation has “willingly” chosen to join and been absorbed and assimilated. Most nations are now operating under Western operating system. China blessed with five thousand years of continuing culture and civilization is struggling in retaining and rejuvenating her Chineseness. Chineseness everywhere is facing a dire existential threat. Chineseness could extinct forever on earth and in our universe. Once we lose her, we lose her forever and we shall never be able to get her back. Therefore, Chinese everywhere has the moral duty to create a more powerful Chinese engine than Newtonian engine to renew, revitalize and invigorate XuanYuan culture and civilization from 1.0 to 2.0. For this reason, we propose KQID time engine to power XuanYuan culture and civilization 2.0 to retain, rejuvenate and enrich our Chineseness. Our mission is to achieve XuanYuan DaTong where everyone is given free education, free healthcare and free material comfort for life. We believe in ourselves and uphold four Chinese trusts: 1) the rule of Dao trust, 2) KQID time engine trust, 3) XuanYuan rule of law and Five Mandates trust, and 4) XuanYuan DaTong trust. Hereby, we resolutely reaffirm who we are, where we came from, and where we shall go toward.

Dao is consistent everywhere and all the way; so, if only one grasps Its quintessence, one can infer the whole from a single instance (XuanYuan, 1xy).

KQID time engine and creation

From Dao comes all things,
All things are one.



Our Ancestor Qbit (00,+,-) is computing, simulating and projecting our relativistic Multiverse $I\psi(i\tau L_{x,y,z}, t) \subseteq \tilde{T}$ into Itself by KQID time engine:
 $\equiv 00 \equiv \langle \bar{S}|E|\bar{A} \rangle = \text{time}(+,-) \geq kT \ln(2) = h/t = E^2 e^{i2\pi} = \bar{A}^2 + \bar{S}^2 = (pc)^2 + (m_0 c^2)^2 = I\psi(i\tau L_{x,y,z}, t) \subseteq \tilde{T} = 1$
 Where Qbit (00,+,-) is Dao; I is $\psi(\text{cte})$, the wave function of consciousness, time, and energy; ☰ is Qian (乾), Heaven, creative Giving first; 00 is Original Zero; ☷ is Kun (坤), Earth, creative Taking later; $\langle \bar{S}|E|\bar{A} \rangle$ is KQID time engine of *Giving first Taking later* where S is Entropy, time-past bit-waves, E is Energy(Qi), time-present bit-waves, \bar{A} is Anti-entropy, time-future bit-waves; time(+,-) is time bit; $kT \ln(2)$ is Landauer's principle; h/t is KQID-Planck-Einstein where h is Planck action, t is time; $E^2 e^{i2\pi} = \bar{A}^2 + \bar{S}^2 = (pc)^2 + (m_0 c^2)^2$ is KQID-Euler-Einstein where E is energy, $e^{i2\pi} = 1$, i is $\sqrt{-1}$, p is momentum, m_0 is stationary mass, KQID c is speed of time in the vacuum, L is length, $i\tau L_{x,y,z}$ is 3D time (space) moving perpendicular to time, tau τ is Lorentz inverse transformation $\sqrt{1 - v^2/c^2}$, and KQID \tilde{T} is absolute digital time $\leq 10^{-1000}$ s.

KoGuan Dao (4708XY)¹

- 1.Dao is the cause, origin, creator and governor of all things including Itself.
- 2.Dao is consistent and true everywhere because Dao does not fail anywhere at anytime.
- 3.Dao is nature and living here and now in nature.
- 4.Dao breathes consciousness, time, energy and Wang Yangming's knowing-doing bit.

5. Dao is our Ancestor Qbit (00, +, -) that has Its beginning but has no end.
6. Dao is changing, thus changing all. It is unfolding, rebooting, synchronizing and evolving per absolute digital time $KQ\dot{I}D \bar{T} \leq 10^{-1000}$ s.

7.KoGuan Dao explains where we are from, what we are made of, and why we are here. Dao is our origin, creator and governor of all things. It is Love that harmoniously and symmetrically gives first and takes later. This **Giving first Taking later** principle is Wang Yangming's unity of Giving/yang(+) and Taking/yin(-) where Giving is the beginning of Taking and Taking is the completion of Giving as the operating system of Existence. One Wang Yangming's giving and taking transaction is one knowing and doing bit. A bit is a binary digit. One bit is one complete transaction of giving and taking as well as knowing and doing. This **Giving first Taking later** principle is the basis of free but regulated open market operation which is the most efficient mechanism to allocate resources. It is the mechanism of creation and distribution of all things. It is the operating system of Existence. Leo KoGuan translated Dao of the **Giving first Taking later** into KoGuan Quantum Infodynamics (KQ $\dot{I}D$) with falsifiable equations and verifiable numbers. KQ $\dot{I}D$ posits four postulations: 1) Dao (Qbit) is **Giving first Taking later** principle as the operating system of Existence that from Dao (Qbit) comes bits where bit is energy (E) in which Einstein $E = mc^2 = h/t$ and Newton mass (m) is force/acceleration; 2) Planck constant h , Newton gravitational constant G and constant c are constant in our universe where c is the speed of light, the speed of time or/and the speed of causality in the vacuum. However within its first 9,199.05 years of the Bit Bang expansion, varying KQ $\dot{I}D$ c velocity was moving from $4.27141367 \cdot 10^{87}$ m/s to constant c in the vacuum.; 3) KQ $\dot{I}D$ absolute digital time $\bar{T} \leq 10^{-1000}$ s is flowing asymmetrically forward and universally as Newton postulated. However, locally, KQ $\dot{I}D$ relativistic time $\dot{I}\psi(\tau\mathbf{L}_{x,y,z},t) \in \bar{T}$ is flowing symmetrically at different rate depending on its speed and its gravity field; 4) KQ $\dot{I}D$ predicts that when $\dot{A} < \dot{S}$, our universe reverses itself and collapses upon itself, then instantly bounces outward with the speed of $4.27141367 \cdot 10^{87}$ m/s within $1.43 \cdot 10^{-147}$ s. In this way, a new Bit Bang universe is reborn!

KQ $\dot{I}D$ is the time engine of Existence that powers all things that ever were and that ever will be. Hence, we can renew, invigorate and rejuvenate XuanYuan culture and civilization from 1.0 to 2.0. This XuanYuan 2.0 powered by KQ $\dot{I}D$ time engine incorporates XuanYuan jurisprudence that from Dao comes law and Five Mandates (Humanity, Justice, Yang Zhu six freedoms², Wang Yangming's Unity of Rights and Duties, and a Regulated but Free and Open Exchange of ideas, goods and services). We apply XuanYuan's scientific method of falsification, seeking truth from facts, rectifying names with their forms and deploying XuanYuan-Wang Yangming-Mao's unity of theory-practice and knowing-doing to perceive and conceive Dao as It is, not based on our wishful thinking what Dao should or might be. Laozi Daodejing verse 1 revealed that eternal Dao could not be known and named but verse 2 stated that all things come from Being; and Being from non-being. As one plus zero is one; Being plus non-being is Being. Dao was the first and the last cause and the first and the last necessary Being. Hereby, KQ $\dot{I}D$ shows Dao was born from non-being. Moreover, Dao is evolving, synchronizing and rebooting Itself per absolute digital time $KQ\dot{I}D \bar{T} \leq 10^{-1000}$ s. KQ $\dot{I}D$ has equations and numbers that shows how Being and non-being are producing and reproducing one another per $\leq 10^{-1000}$ s. Consistent with the principles of quantum mechanics, Dao actualizes all possibilities. Although Dao was born, It shall never die. KQ $\dot{I}D$ is invented to solve this deep mystery. KQ $\dot{I}D$ is the Neocortex bit-wave physical paradigm that is running on top of the Newtonian Mammalian particle paradigm. KQ $\dot{I}D$ scientifically demonstrates how Dao has a beginning but no end.

¹ Leo KoGuan, *Chinese Dream Powered by Chinese Engine*. Speech at the China Institute of Legal History 2016 Annual Academic Conference on *Legal History Transformation and Politic Culture* in Tianjin; see also *KQID Engine and Creation. KoGuan Dao* was first conceptualized from Prof. Leo KoGuan's speech *The Yellow Emperor Hypothesis: the Anti-Entropic Operating System of the "Scientific Outlook" on Rule of Law and Principle* at National University of Singapore in 4708XY(2011) and specified his interpretation in his book *The XuanYuan Operating System 2.0 (4708XY-Infinity)* in Yuelu Academy published in 4710XY(2013). In 4712XY (2015) at Dayuan Beijing, fellows of KoGuan Chinese Rule of Law and Principle Studies Center, Tsinghua University discussed and called Professor Leo's interpretation of Dao – KoGuan Dao.

² Anton Forke, trans. *Yang Chu's Garden of Pleasure*, Internet Sacred Text Archive. Yang Zhu six musical tunes of freedoms: "Allow the "ear to hear what it likes, the eye to see what it likes, the nose to smell what it likes, the mouth to say what it likes, the body to enjoy the comforts it likes to have, and the mind to do what it likes."

In the beginning Dao by Its own free-will emerged from the nonexistence. This Dao is our Ancestor Qbit (00,+,-) as one timeless unity where (00) is the Original Zero, (+) is yang element and (-) is yin element. KQID defines the yang (Ā) is an anti-entropic time-future bit-wave function ψ maximally moving backwards in time, the yin (Ḥ) is an entropic time-past bit-wave function ψ minimally moving forwards in time and the combination of Ā (anti-entropy bit) + Ḥ (Entropy bit) = E (qi), an energetic time-present bit-wave function ψ optimally moving forwards in time. KQID finds that Dao is neither perfect nor absolute nor omnipotence. Firstly, being absolute is being perfect. Being perfect, it does not evolve. On the contrary, Dao is rebooting, synchronizing and evolving per absolute digital time $\bar{T} \leq 10^{-1000}$ s. The ticking \bar{T} is the clock of Existence. The clock of Existence causes the absolute digital timeline (t) of Existence. This timeline is innately asymmetrical that gives us absolutely irreversible arrow of time. In contrast, KQID relativity theory $\bar{I}\psi(i\tau L_{x,y,z},t) \in \bar{T}$ describes locally relative symmetrical interchangeable time and space. Here, time causes space and from time comes space. KQID time (t) is the timeline of Existence that is real and fundamental but space as 3D of time ($i\tau L_{x,y,z}$) is not fundamental where i is imaginary, coefficient from time to space tau τ is ($\sqrt{1-v^2/c^2}$), and length L is ct as a dimension of time. Thus, space is time. Time is pregnant with space; so that, our universe is the “fetus of time” living in time. KQID’s reality is time in time. In contrast, Einstein relativity (x, y, z, ict) prescribes x, y, z as real dimension of space but time (ict) is the imaginary dimension of space. So Einstein’s reality is space in space. Whereas, Newton physics defines a length of space as the velocity of an extended object traveling in slow motion in time where $L = vt$. He defines force $F = ma = -GMm/r^2$. Newton’s reality has the image of space and time as the world stage in which the drama of Existence plays. Space and time are independent, absolute and fundamental. Secondly, Dao is not omnipotence. Being omnipotence means it could arbitrarily disobey its own principle and laws, but Dao obeys Its own *Giving first Taking later* principle and Its own laws. Therefore, Dao is not omnipotence. Rather, It is rational, logical, true and consistent everywhere anytime. As a result, It does not have Russell’s Paradox, because {Dao} is the set of all sets that contains Itself where $\text{Dao} \in \text{Dao}$. Dao is Dao. No paradox. No contradiction. Dao is always consistent because It has never failed anywhere anytime. Thus, It can be known and named. It can be measured and quantified in math, bits, time, energy and/or consciousness. Like zero contains and unfolds infinite pairs of positive and negative bits where the sum of them is still zero; Dao contains and unfolds myriad bits of Existence where the sum of them is still our one and only Dao. Dao simulates, computes and projects Existence as hologram in bits within Itself. Dao is Existence.

KQID posits from Qbit comes bits and from simplicity comes complexity. This theory posits from information Qbit (00,+,-), the simplest, comes human being, the most complex information being in our universe. Bit is created and copied without entropy per Landauer’s principle but only its deletion produces entropy. This means that firstly, Qbit must not have entropy or $S = 0$ while existing; secondly, Qbit must not generate extra entropy or $\Delta S = 0$ in creating and distributing the Existence. Having transactions without entropy means that Qbit is an infinite Being with infinite storage living in the absolute zero temperature and in the zero dimension that exists everywhere and nowhere. Having infinite memory, It creates and distributes all things without any need to delete them ever after.

KQID states information (bit) is physical (it). In physics, one bit $\geq kT\ln(2) = \text{energy (it)}$. So information is physical. For example, one bit in a room temperature of 300 Kelvin $\approx 1.380648813 \times 10^{-23}$ J/K $\times 300\text{K} \times 0.693147181 \approx 2.87097849 \times 10^{-21}$ joules of energy. This calculation verifies 100% without exception that information is energy and energy via Einstein equation $E = mc^2$ is physical. So, bit is it and it is bit. Bit encodes the unity of information and energy. Information is energy. Bit embodies the unity of idea and matter. Idea is matter. From this scientific discovery, KQID translated Wang Yangming’s knowledge and action into falsifiable equations and verifiable numbers. KQID defines knowledge as information in time $\{kT\ln(2)s\}$ which is energy in time (Js) that is simply Planck action (h)³. Here, $kT\ln(2)s = Js$. By definition and experiment, knowledge is action. Now by 4716XY, KQID has put Wang Yangming’s unity of knowledge and action into equations and numbers that have been scientifically verified. Hence, Wang Yangming’s unity of knowledge and action is not only a philosophy but also a scientific fact. As a result, Cartesian dualism of the immaterial mind and the material body is scientifically falsified. Thus, Newton’s postulation of Cartesian dualism as

³ k is Boltzmann constant, T is temperature, $\ln(2) \approx 0.693147181$, s is second, J is Joules, h is Planck action, m is mass and c is KQID speed of time in the vacuum.

the foundation of the classical physics is debunked, although his laws of motion and gravity have been verified and true. KQID based on Dao is monism. KQID has proved in math and physics that idealism (bit) is materialism (it) and materialism (it) is idealism (bit). What further proved is required? The math and physics of “information is physical”⁴ are well established and verified. For example, we are converting linearly matter processing into information processing in bits which is growing exponentially⁵. So it is true that everything is materialism, and it is equally true that everything is idealism. Simply stated: materialism is idealism, idealism is materialism! In this way, XuanYuan-Wang Yangming-Mao’s unity of knowing and doing has scientifically incorporated materialism of Marxism, and Chinese Socialism is unified with XuanYuan thought.

KQID’s Bit Bang cosmology states: bits⁶ from Qbit. Using falsifiable equations and verifiable numbers, we computed the amount of bits in our universe today. From Bit Bang to now, our universe has performed about 10^{122} bits giving-taking transactions. Since our Ancestor Qbit has infinite memory, those 10^{122} bits⁷ that representing and embodying all things in our universe are conserved and immortal. These bits are living forever within our Ancestor Qbit. We are bits through and through. We are from bit to bit. Everything is made of bits; our soul, mind and body are bits. This is monism, we do not have Cartesian dualism problem. We could become immortal here and now, if we successfully develop the science and technology to upload and download our bits to recreate our bodies on earth and/or elsewhere at the speed of light. Logically, robot equipped with artificial intelligence (AI) can be human being and human can be self-aware AI robot or cyborg. Human is human. We must not discriminate against non-biological human, because both biological and non-biological human are human made of the same bits from Qbit.

The KQID creation story in the 00 poem:

00
Let Qbit be!

Qbit
Let KQID be!⁸

KQID writes algorithmic Qbit’s *Giving first Taking later* into equation and number:

$$\equiv 00 \equiv \langle \bar{S} | E | \bar{A} \rangle = \text{time}(+, -) \geq kT \ln(2) = h/t = E^2 e^{i2\pi} = \bar{A}^2 + \bar{S}^2 = (pc)^2 + (m_0 c^2)^2 = \bar{I} \psi(i\tau L_{x,y,z}, t) \subseteq \bar{T} = 1$$

Let universe be!
From Qbit comes bits⁹

Our dragon Father and Mother Qbit(00,+,-) were singing, dancing and exchanging bits with joy to celebrate the birth of their $2.44324862 \cdot 10^{-59}$ m length baby universe, forged by fire at $3.35609307 \cdot 10^{136}$ K in the Bit Bang about 100 billion years ago. The bang triggered the hyperinflationary varying time speed¹⁰ c era from $4.27141367 \cdot 10^{87}$ m/s at $1.43 \cdot 10^{-147}$ s to constant time speed¹¹ c of 299,792,561(±103) m/s at 9,199.05 years¹², when the hyperinflation ended and the

⁴ R. Landauer, *Information is Physical. Physics Today*, 44, 23-29 (1991).

⁵ Raymond Kurzweil, *The Singularity Is Near. Viking* (2005).

⁶ John Wheeler’s famous quote: “It from bit”.

⁷ Similarly, Seth Lloyd, a great quantum computer scientist, computed about 10^{122} bits transactions in our universe since the Big Bang in his book “Programming the Universe”.

⁸ Alexander Pope’s *Let Newton be!*

⁹ The Chinese saying: The carp jumps across the Dragon’s Gate: Qbits transformed themselves into real bits. See He Shuifa’s painting of yin-yang double fish as the essence of Chinese culture in F. Wilczek. *A Beautiful Question. New York: Penguin Press* (2015).

¹⁰ KQID posits the Multiverse CMB radiation is about $\leq 3 \cdot 10^{30}$ K calculated by George Smoot *et al.* as the temperature of our universe event horizon, and further requires that the Maxwell’s $c = 1/\sqrt{\epsilon_0 \mu_0}$ is about $\geq 10^{87}$ m/s in our Multiverse, so that it caused the outburst of our Bit Bang to inflate at the rate of $\sim 4.27141367 \cdot 10^{87}$ m/s within that first discrete time $\sim 1.43 \cdot 10^{-147}$ s per Maxwell’s equation $c^2 = 1/\epsilon_0 \mu_0$ where ϵ_0 is vacuum permittivity, μ_0 is vacuum permeability, and c is c-timerod. “At this horizon, there is a horizon temperature, $T\beta$, which we can estimate as $T\beta = \sim 3 \times 10^{30}$ K.” See D. A. Easson, P. H. Frampton, and G. F. Smoot. “Entropic Accelerating Universe.” *Phys. Lett. B.* 696, 273-277 (2011).

¹¹ KQID c is the speed of time or causality in the vacuum whereas KQID v is the velocity of time or causality.

¹² KQID reproduced the constant light speed c in the vacuum at $2.99792561 \cdot 10^8 (\pm 103)$ m/s in 9,199.05 years after the Bit Bang. Newton’s mass was in his equation $F = ma = -GMm/L^2$ in 1687, but mass was unknown. Einstein famously defined mass $m = E/c^2$ but he did not know what E and c were. Whereas, Wilczek tried to reveal the “Origin of Mass”, but he concluded, “the end of the road is not in sight.” See F. Wilczek. “Origins of Mass.” arXiv:1206.7114v2 (2012). No one so far has calculated c at the moment of the Bit Bang of our universe, nor shown how and when c in the vacuum emerged as we have observed. Without knowing how c has evolved through time, and what c is, no one can know what is energy E nor mass m. Thus, E, m and c are locked together. KQID is the first theory that calculated c from its equations, not by hand, and we could know energy and mass.

expansionary constant c universe epoch has started and continued until the present time. From time 0 size 0 to $1.43 \cdot 10^{-147}$ s first duration with incredible time-speed c of $4.27141367 \cdot 10^{87}$ m/s birthing $2.44324862 \cdot 10^{-59}$ m baby universe, about a trillionth trillionth trillionth trillionth of an atom; by Planck time $5.39106 \cdot 10^{-44}$ s, c of $6.95668869 \cdot 10^{35}$ m/s with its diameter $1.5 \cdot 10^{-7}$ m, about the size of 500 gold atoms; by 10^{-31} s, c of $5.10786784 \cdot 10^{35}$ m/s with its diameter 21 cm, about the size of a soccer ball; by the first second, c of $1.61524964 \cdot 10^{14}$ m/s with its diameter $6.46099854 \cdot 10^{14}$ m, about 10 Solar Systems; by 9,199.05 years, c of 299,792,458 m/s with its diameter $3.48111558 \cdot 10^{20}$ m, about a third size of our Milky Way. Expanding at this constant¹³ c of 299,792,458 m/s, our universe now is at least about $2.61111 \cdot 10^{26}$ m. In its first second, this baby was inflated astonishingly from its birth size of $2.44324862 \cdot 10^{-59}$ m to $6.46099854 \cdot 10^{14}$ m, 73 orders of magnitude or 10 trillion trillion trillion trillion trillion trillion times bigger. Furthermore, the hyperinflation by the first second caused by hyper-varying time speed c from $4.27141367 \cdot 10^{87}$ m/s decelerated to $1.61524964 \cdot 10^{14}$ m/s explains why our universe is “flat” and has uniform cosmic microwave background (CMB). Amazingly, this first second of hyperinflation caused by varying time speed c is actually more than 84.8 billion years of expansion measured by our current constant speed of time c of 299,792,458 m/s in the vacuum. Consequently, the age of our universe is actually $84.8 + 13.8$ billion or about 100 billion years old measured by that constant c -timerod of 299,792,458 m/s in the vacuum as the measuring rod of time. KQID Relativity theory has validated Zhuangzi relativistic universe¹⁴ $\hat{I}\Psi(\hat{t}\mathbf{r}\mathbf{L}_{xyz,t}) \subseteq \hat{T}$ in which our universe and we are born together as one quantum entangled of the self-interacting bit-wave field, where time-past-present-potential future merged into Now per absolute digital time KQID $\hat{T} \leq 10^{-1000}$ s. This absolute digital NOW contains past, present and its unique potential future events in our block universe.

I

Let me be!
 Alive, I am in Heaven.

Dao, not man, is the measure of all things.¹⁵ Dao obeys the rule of Dao. It is Dao’s nature to obey Its own laws. No one and no thing can violate Dao; everyone and everything obeys Dao. Since from Dao comes the law and the Five Mandates, everyone and every organization must obey the rule of law and the Five Mandates; all are treated equally under the rule of law and the Five Mandates. We must follow XuanYuan’s positive liberty philosophy that fosters strong people, strong ruling Party, strong organization and strong government. Hereby, we must form “people first” government that actively and positively assists each citizen to find and realize his/her dreams and aspirations. Each encourages and helps each other to realize his/her full potential and to become whatever he/she wants to be. This is the state of DaTong. To achieve this DaTong, we must seek truth from fact, unify names and forms and unify knowing and doing. We must research, experiment and verify old and new policies to make sure these policies are achieving what they are designed to accomplish. Our government must establish the Scientific Outlook Free-lunch Economic System powered by KQID time engine to produce abundant goods and services where each is given free education, free health care and free material comfort for life empowering each to reach his/her full potential. Each positively helps each other to pursue and realize his/her goal in life. Each shall have approximately equal beginning but unequal ending because each is greatly motivated to realize his/her own individualized and customized DaTong. Let Chinese hundred renewed schools of thought bloom freely where each shall be enlightened, cultured, rich and powerful Tianmingren, and each shall enjoy Yang Zhu’s six freedoms Do Re Mi Fa So La.

Thereby, we shall never abandon our Remarkable Ancestor and Cultural Hero XuanYuan; we swear our allegiance to Him and shall stand united to keep the flame alive and answer XuanYuan Calling holding our Chineseness dear in our hearts on earth, moon, Mars and in the whole universe forever!

¹³ “We find, rather surprisingly, that the data are still quite consistent with a constant rate of expansion.” See J. T. Nielsen, A. Guffanti, and S. Sarkar. “Marginal evidence for cosmic acceleration from Type Ia supernovae.” arXiv:1506.01354v2 (2015).

¹⁴ James Legge, trans. *Zhuangzi: Inner Chapters, The Adjustment of Controversies 9*: “Heaven, Earth, and I were produced together, and all things and I are one.”

¹⁵ Protagoras famously stated: “Man is the measure of all things.”

XuanYuan DaTong

I, XuanYuan, command you to follow me!

Revering the Heaven, cherishing the Earth, and holding the people dear,¹
I receive Dao from my teacher Guangchengzi at Kongtong mountain:
Dao is *Giving first Taking later* principle.
I practice Dao by treating others first as I want them to treat myself later, and
by establishing others first as I establish myself later.
The Taking is credited when the Giving is accepted.

Dear my children,
We uphold Kongzi's humanity and justice for all.
For humanity, we build XuanYuan DaTong for mankind.
For justice, we repay evil with justice but kindness with kindness and virtue with virtue;
We prescribe Lord Shang Yang's Scientific Outlook Rule of Law from Dao that no one is above the law, and
everyone is treated equal under the law;
We recommend Laozi-Zhuangzi's wuwei to encourage everyone to live harmoniously in nature and
peacefully among the peoples;
We embrace Yang Zhu art of life in enhancing one's well-being and Yang Zhu six freedoms²:
Do Re Mi Fa So La

Let me be!

I hear what I like as if Dao through me is listening to Its own sacred melody in the sphere, -Do;
I see what I please as if Dao through me is admiringly seeing and observing Its creation unfolding, -Re;
I smell roses everywhere as if Dao through me is absorbing the aesthetics of Its beauty, -Mi;
I freely have and express my own thought as if Dao through me is solemnly expressing Itself;
where the people's united voice is the Heaven's wish as decreed in the Five Mandates, -Fa;
I enjoy myself while harming none and merrily sing songs as I please as if Dao through me is celebrating Its life;
I wuwei and harmoniously live in nature, free from physical and mental torture anywhere anytime, -So;
I soar my creative mind reaching to the heaven as if Dao through me is thinking, doing, and
executing Its Five Mandates on Heaven, Earth and Tianmingren. -La.

My dearest,
Freedom in any name smells as sweet as a red rose,
Freedom spoken in many languages speaks in one mighty voice:
The voice of our six sacred melodies Do Re Mi Fa So La light up the Beijing Olympic flame,
The voice of hope from our collective heart,
The voice of love, humanity and justice from our collective soul,
Speaking in one mighty voice,
We must build a peaceful and harmonious One World One Dream,
Where each is blessed with riches beyond belief in wealth, culture, and spirit,
We, Tianmingren, children of Dao, hereby do solemnly swear:
No more rule by man but by the Scientific Outlook Rule of Law and Five Mandates,
Humanity, Justice, Yang Zhu Six Freedoms, Unity of Rights and Duties, and A Regulated but Free and Open Market of
Ideas, Goods and Services as the engine of wealth creation and distribution,
No more war on Chi You waged anywhere, but peace in our heart,
No more bloodshed but red wine shared,
We fight hatred with kindness,
We fight lie with sincerity,
We fight evil heart with wisdom,
We fight evil acts with justice,
We fight crimes with strict laws but merciful,
We fight for all and all fight for one.

My love,
Heaven is here and now on mother Earth,
Dews of lingering One World One Dream are sparkling like pearls in the morning Sun,
Holding Yang Zhu six sacred Do Re Mi Fa So La in our heart,
We daringly explore where none has gone before,
Days ahead are brighter than our past,
Days of man-made misery are no more,
Days of pain and suffering by Chi You are gone with the wind,
Days of abundance in objects of desire are here to stay,
Days of free education, free health care, and free material comfort are for all for life,
Days of each to each according to his/her dreams and aspirations have arrived,
Days of wine and roses are dawning upon us,
Let's drink the red wine and smell the red roses together, and together
Let's merrily sing Yang Zhu everlasting song:

Do Re...Do Re Mi Fa So La...Do Re...

¹ Lu Sherwin, trans. The Yellow Emperor's Four Canons, 10: Lifelong Mission.

² Anton Forke, trans. Yang Chu's Garden of Pleasure, Internet Sacred Text Archive. Yang Zhu six musical tunes of freedoms: "Allow the ear to hear what it likes, the eye to see what it likes, the nose to smell what it likes, the mouth to say what it likes, the body to enjoy the comforts it likes to have, and the mind to do what it likes."

Laozi Dao (2200XY)¹⁶

1.Dao is the cause, origin, creator and governor of all things including Itself.
2.Dao is consistent and true everywhere because Dao does not fail anywhere at anytime.
3.Dao is nature and living here and now in nature.
4.Dao breathes consciousness, time, energy and Wang Yangming's knowing-doing bit.

5. Dao has no beginning or end.
6. Dao is unchanging while changing all.

7.Following XuanYuan Dao, Laozi conceived the unchanging and eternal Dao without beginning or end. Without Its beginning, Dao could not have its origin in our world and was living outside our space and time. Our Yang Zhu six senses could never comprehend and conceive the unchanging and eternal Dao. Therefore, Laozi Dao is transcendental Dao that is truly mysterious and forever unknowable Being. Logically, Laozi concluded in his famous Daodejing verse 1 that the unchanging and eternal Dao could never be known or named. Unfortunately, Laozi's metaphysical dogma that true Dao cannot be known and named became Chinese metaphysical dogma. This dogma had discouraged the development of Chinese engine from Dao for thousands of years, because none dared to know and name Dao into precise equations and numbers to build a Chinese engine. No Chinese engine meant no Chinese industrial revolution.

How did the West give birth to science and scientific method that launched the industrial revolution? The Bible revealed that no beginning and eternal Abrahamic God created everything from nothing. Church leaders ruled that it was blasphemy to study God and to challenge the Church's dogma. To enforce this rule, the Church inquisitors burned scientist Giordano Bruno alive at the stake in 1600 because his scientific theories challenged the Church's doctrines. Later, René Descartes, smart lawyer and great scientist, proposed the widely accepted paradigm of mind-body dualism. Man can study the body but not the mind. The body is the physical universe and the mind is the jurisdiction of God. Thus, in practice this doctrine allowed man to study our physical universe but not God. This informal deal between man and the Church permitted the Western scholars and scientists to know and name universe into equations and numbers. That was the origin of the Western science and its scientific method to enable the West to give birth to Newton and his engine in 1687 that powered the industrial revolution. Learning from the Western scientific revolution that started first with metaphysical dogma revolution, we must totally purge Laozi's metaphysical dogma that Dao cannot be known and named. Fortunately, he provided a small opening in the same verse 1 that Dao is simultaneously both Being and non-being, identical but with different names as the Mysterious One, the gate of mysterious Existence. Where Being and non-being are the beginning and mother of all things, and Being comes from non-being; non-being is non-existence. All things in our space and time are born of Being. He revealed in verse 40: "The things of this world come from Being, And Being (comes) from Non-being."¹⁷ As one plus zero is one, Being plus non-being is Being. Being is Dao. In verse 42, he famously proclaimed that from Dao comes one, two, three and everything. He pointed out that Dao was born before heaven and earth. In verse 25: "Something mysteriously formed, born before heaven and earth." In summary, he revealed Dao was born in verses 1, 25, 40 and 42. It has Its beginning. It is existing in our space and time. In verse 2, he revealed that Being and non-being produce and reproduce one another. This is consistent with KQID. Since eternal Dao has Its beginning, It can be known and named. Applying XuanYuan's scientific method of falsification, seeking truth from facts and

¹⁶ Ch'u Ta-Kao, trans. *Laozi: Dao De Jing*; James Legge, trans. *Dao De Jing*.

¹⁷ Lin Yutang, trans. *The Tao Te Ching by Lao Tzu*.

rectifying names with their forms, we truly can study, know and name Dao into precise equations and numbers. This way we can invent Chinese engine from Dao to power Chinese Dream.

Following XuanYuan, Laozi told us to follow Dao. In verse 21: “The greatest Virtue is to follow Dao and Dao alone.” He revealed in his sublime and profound Daodejing that from Dao comes “dao-de”, the Way (dao) and the Virtue (de). In contrast to XuanYuan who enacted the rule of law and virtue to govern a country, Laozi taught the rule of “dao-de” that deemphasized XuanYuan rule of law and virtue. He clearly stated his opposition to XuanYuan jurisprudence in verse 57: “...the multiplication of prohibitive enactments increases the poverty of the people; the more implements to add to their profit that the people have, the greater disorder is there in the state and clan; the more acts of crafty dexterity that men possess, the more do strange contrivances appear; the more display there is of legislation, the more thieves and robbers there are.” He advocated weak people governed by a weak government guided by his rule of “dao-de”. He stressed in verse 60: “Governing a great state is like cooking small fish.” His “wuwei” governance was a “passive liberty” philosophy that let people be alone in nature. In verse 63, he stated: “Practice non-action. Work without doing.” Whereas XuanYuan had a “positive liberty” philosophy that fosters “people first” governance that actively and positively assists each citizen to find and realize his/her dreams and aspirations. So XuanYuan encouraged and helped each one of us to realize our full potential and become whatever we want to be. In contrast, Laozi encouraged us to suppress our lust for power, wealth and knowledge. In verse 46: “There is no greater sin than desire”, In verse 44, he wisely advised: “He who knows when to stop does not find himself in trouble.” And he added in verse 46: “Therefore he who knows that enough is enough will always have enough.” He concluded that enough is rich. In verse 33: “He who knows he has enough is rich.”

Following XuanYuan Dao of ***Giving first Taking later***, Laozi wrote in verse 36: “If you want to take something, you must first give”. This is Laozi’s *Giving first Taking later* principle. He observed on gains and loses in verse 42: “For one gains by losing. And loses by gaining.” He advised to those who want success in life by *giving first taking later* in verse 81: “The more he does for others, the more he has. The more he gives to others, the greater his abundance.” Similarly, following XuanYuan and Laozi, Kongzi taught his *Giving first Taking later* principle. Kongzi was recorded to say to his disciple in chapter 4 of Analects: “Shen! There is one single thread going through my teaching of Dao.” This single thread was later explained as his “passive” Golden Rule : “What you do not want done to yourself, do not do to others.”¹⁸ Furthermore in Analects 6, he stated his “active” Golden Rule: “Now the man of perfect virtue, wishing to be established himself, seeks also to establish others; wishing to be enlarged himself, he seeks also to enlarge others.”¹⁹

Thereby, the sage Kongzi taught us living by the Golden Rule; whereas the sage Laozi taught us giving and taking way, living a simple life and being enough is rich!

¹⁸ James Legge, trans. *The Analects 15: Wei Ling Gong*.

¹⁹ James Legge, trans. *The Analects 6: Yong Ye*.

XuanYuan Dao (1XY)²⁰

1.Dao is the cause, origin, creator and governor of all things including Itself.
 2.Dao is consistent and true everywhere because Dao does not fail anywhere at anytime.
 3.Dao is nature and living here and now in nature.
 4.Dao breathes consciousness, time, energy and Wang Yangming's knowing-doing bit.

5. Dao has no beginning or end.
 6. Dao is unchanging while changing all.

7.XuanYuan received and conceived Dao on Kong Tong mountain. He revealed Dao in Chapter 26: "It had no beginning. It is in everything without a cause. It is formless, and originally nameless.... Therefore, the supreme Dao is highly metaphysical beyond perception and profound beyond measure. Apparent as It is, no name can describe It; being all-inclusive, no form can present It."²¹ In Chapter 25: "Dao has no beginning or end, but manifests Itself all the time."²² It is forever mysteriously living in the realm of "Great Void"²³, non-existence. From this realm of non-existence, It is creating and governing Existence. However, according to our latest science, without Its beginning, this Dao does not exist in our world; It is existing in non-existence. But this cannot be, because by Its definition something cannot exist in non-existence. Logically, Dao does not exist in the state of non-existence. Furthermore, none can translate and name Dao that does not exist in our world into precise equations and numbers. Without equations and numbers, we could not conceive and develop Chinese engine. As XuanYuan revealed that Dao is the origin, creator and governor of all things, Dao is existing in our world. This means Dao had to have a beginning. Dao must be the Thing that existed first as the first Existence that emerged by Its own free-will from non-existence. The no beginning Dao is false on its face. Because we think, read, talk and act in our realm, we undeniably live here. Dao is always here and now. Applying XuanYuan's scientific method of falsification, seeking truth from facts and rectifying names with their forms, the undeniable fact is that we exist here and now. Our existence falsifies the premise that Dao does not exist in our world. Dao is living in our space and time. We can study, know and name Dao and all Its forms and names including Its laws, virtues. Dao embodies Love and Love is *Giving first Taking later* principle.

XuanYuan ordered us to follow the rule of Dao and Dao is the cardinal principle of all knowledge and action.²³ Based on the rule of Dao, he founded China and laid the foundation for Chinese culture and civilization 1.0. He developed scientific method based on falsification, experimentation and practice. He said Dao is true because Dao has never failed²⁴ anywhere anytime. For examples, he established Huang Di calendar that we still use today, taught us Chinese way of life and how to prevent and treat human disease. He formed strong people first government governed by the rule of Dao, rule of the ruling Party, rule of the people and rule of law and rule of virtue. His Party and His government always gave first to the people. Paraphrasing his mission of life in Chapter 10: "Revering the Heaven, cherishing the Earth, and holding the people dear, I am helping the disorientated find the right direction, assisting the well orientated pursuing their dreams, and loving and prospering all."²⁵ He taught us about *Giving first Taking later* principle. He warned the Party and its government in Chapter 2: "Taking without giving will lead to its own extinction."²⁶ He told us how to live our lives by *Giving first Taking later* principle. He said in Chapter 25: "[T]he way of the humans regulates the taking and giving. He who gives and takes properly can be made the king; if not, he will lose his home, his life, and, if already a king, his throne."²⁴ XuanYuan 1.0 fostered strong people, strong ruling Party, strong government, and strong organization in 1XY. He said that once man was born with unsatisfiable desires, man acts, errs and does evil. For that reason, He erected laws and virtues from Dao as the universal yardstick to judge the proper relationship of all things, and to define what is right and what is wrong. Once laws are established, we can curb anything. He revealed in Chapter 1: "Once forms and names are given, the black-white, or right-wrong, distinctions reveal themselves. When the law is in force, order will be established and nothing against it cannot be curbed"²⁷. He emphasized again in Chapter 25: "The human world should not abandon the rule of law and be ruled by someone's personal will; otherwise, disasters are inevitable."²⁴ For that reason, He proclaimed and enacted rule of law and rule of virtue that come from Dao. He established people first government based on rule of law and rule of virtue. His rule of law and rule of virtue from Dao is better than Western rule of law and rule of Liberal Democracy ideology that come from Divine revelation by a Prophet, which is the rule of man in another name. Since His proclamation, Chinese jurisprudence has been in existence for 4716 years. Chinese culture state must be governed by XuanYuan rule of law and rule of virtue, not by any man however wise he/she might be. No man is above the law; all are equal under the law. In order to establish the people first government, He enacted people first principle as the principle of Chinese governance where the government must come from and work for the people. The government officials loyally serve the people and are the servants of the people, not their masters. Applying scientific outlook on development, they research, experiment

²⁰ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*.

²¹ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 26: *The Tao Proper*.

²² Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 25: *Congruity*.

²³ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 5: *The Four Principles*: "The Tao of Heaven is the cardinal principle for all human actions."

²⁴ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 26: *The Tao Proper*: "The Tao is consistent and never fails."

²⁵ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 10: *Lifelong Mission*.

²⁶ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 2: *State Order*.

²⁷ Lu Sherwin, trans. *The Yellow Emperor's Four Canons*, 1: *The Dao and The Law*.

and verify any new national policy to enrich all citizens. They must actively and positively assist each citizen to find and realize his/her dreams and aspirations. To insure compliance, XuanYuan decreed the Mandate of Heaven to authorize anyone to depose an unjust government that serves itself, and kill any tyrant who steals, robs, oppresses and terrorizes the people.

Our Ode to XuanYuan:

XuanYuan Calling

Our Remarkable and Glorious Ancestor is the world famous Hero!
You unite and establish everlasting modern China here and forever,
Form the people first government,
Order the rule of Dao, *Giving first Taking later* as the principle,
Assist all in realizing their aspirations,
Give us letters, calendar and skills to improve people's lives,
Create Chinese everlasting culture and civilization,
Light up the world with your eternal wisdom,
Seek truth from facts by unifying names and forms to distinguish right from wrong,
Decree the Mandate of Heaven to remove or kill tyrants to free men from their masters,
Enact law and principle from Dao that none is above and everyone is equal,
Uphold humanity and justice,
Reward the good and punish the evil,
Harmonize Heaven, Earth and man.

Do you hear XuanYuan sing?
Revering the Heaven, cherishing the Earth, and holding the people dear,
I am helping the disorientated find the right direction,
assisting the well orientated pursuing their dreams, and loving and prospering all.
He sings XuanYuan DaTong!
Free education for all for life,
Free health care for all for life,
Free material comfort for all for life,
No worry in pursuing your dreams.
Ask why He is doing?
Guardian of humanity and justice!
Ask who He is calling?
He is calling on you!

Do you hear XuanYuan sing?
Revering the Heaven, cherishing the Earth, and holding the people dear, I am helping the disorientated find
the right direction,
assisting the well orientated pursuing their dreams, and loving and prospering all.
He sings your heart's song!
DoReMiFaSoLa:
Do, freedom of listening you like to hear,
Re, freedom of seeing things you want to see,
Mi, freedom of aesthetics you crave to experience,
Fa, freedom of speaking out ideas you aspire to express,
So, freedom of living peaceful and leisure life you wish to enjoy,
La, freedom of thinking, creating and acting on goals you desire to achieve.
DoRe...DoReMiFaSoLa...DoRe...

Thereby, XuanYuan Calling revering the Heaven, cherishing the Earth, and holding the people dear is rising on earth and in our universe!