

Chapter Twenty-nine

About the Western Democracy

The previous Chapter (Chapter 28) has provided some bases on the metaphysical differences between the two different political systems (the Western democracy and the Eastern Confucianism).

The detailed discussion on the Eastern Confucianism is discussed in the book (Bible of China Studies; US copyright #TX 8-685-690, collected by many Ivory League University Libraries, and its pdf is now available at <https://tienzengong.files.wordpress.com/2018/03/bible-of-china-studies.pdf>). In summary, it has three key points.

One, the SOURCE of the legitimacy of the political power is from the MANDATE OF HEAVEN (Heaven's Will).

Two, the manifestation of this legitimacy is the HEAVENLY MORALITY, imbedded in the conscience of every Chinese individual; that is, **people's will = Heaven's Will**.

Three, the operational mechanism is the 'Trinity of Chinese Governance', with the following circle, the 3 legs (citizens, King/central power, and bureaucrats) of the **political cauldron**:

{People's will = Heaven's Will} --- > {King/Centre Government, ordained by Heaven's Mandate, People's will} ---- > {King/Centre Government rules over the bureaucrats} ---- > {Bureaucrats governs the people}



On the other hand, the Western democracy EXCLUDES any influence from the HEAVEN on two standpoints.

One, Thomas Paine wrote, "There never did, there never will, and there never can exist a parliament, or any description of men, or any generation of men, in any country, possessed of the right or the power of binding and controuling posterity to the 'end of time,' ... The vanity and presumption of governing beyond the grave, is the most ridiculous and insolent of all tyrannies. ... (Rights of man, page 9)

Two, From John Locke (Two Treatises of Government) and Jean-Jacques Rousseau (The Social Contract), the key point is: exchanging (abandoning) the NATURE RIGHTS (morality based) with a civil contract (human ethics).

Thus, the Western democracy is based on the following three points.

One, the SOURCE of the legitimacy of the political power is from the General Will of its citizens.

Two, the manifestation of this General Will is the human ethics (a social contract), not heavenly morality, the separation of the Church and State. That is, the Western democracy expels any transcendental MORALITY but is totally about human ethics.

Three, the operational mechanism is a voting system and a manmade governing system (such as the 3 branches system of the US), **see Note 6**.

From the phenomenology (external expressions of a system), the Western democracy encompasses many inequalities: the racial inequality, the economic (livelihood, health care, ...) inequality (**see note 3 in Chapter 26**), justice inequality, etc.

Are these inequalities the direct consequences of the system, the manifestations of its essence? Or are they the foreign invaders which are unable to be eradicated by the system? To answer this question, we must revisit its metaphysical foundation.

For the Confucianism, it is based on the heavenly morality, the 仁 (= 人 (human) + 二 (two)); that is, 仁 is about the 'Otherness-ism', putting others first while annihilating the SELF. So, the key human right of Confucianism is the "**right of life (survive) of others**". If all others' lives are in danger, it is the shame of my life. If all others' lives are in danger because of the acts of king (government), I (a self) will rise to rebel (even with the sacrifice of my own life). In Confucianism, the '**right to rebel**' preempts all other rights.

On the other hand, the Western democracy is based on exchanging the nature rights to a social contract. This exchanging process amplifies the Self-interests in all exchanges, and this leads to INDIVIDUALISM. This self-interest leads to competition. In all competitions, there are winners and losers, and thus the inequalities.

So, the key human right in the Western democracy is the RIGHT of doing the exchange, and this right is manifested as the right to VOTE. With this 'right to vote', all other rights (racial equality, economic equality, justice equality, etc.) are no longer as rights but are the awards/privileges of the competitions.

So, **all the inequalities in the West are not foreign elements but are the direct consequences of this democracy system from its essence**: via the right to vote and kills all the rights of equality in principle while they might still be preserved in some practices. The first amendment: freedom of speech is just a social contract. The right to protest (an extension of the freedom of speech) can never become the RIGHT of rebel.

By all means, I am not trying to judge which system is better here. All that I am trying to do **is to show that political systems are all isomorphic to the physics system (the Physics – TOE)**, as the Political TOE. And that will be the major task in the next Chapter (Chapter 30). However, I should still describe those political systems as they are first.

As I have written an entire book on the Eastern Confucianism, I will use this chapter to describe the Western democracy system.

The phenomenology of the Western Democracy

In the previous Chapter (Chapter 28), I have described the Western democracy on its metaphysical level: Exchanging Nature Rights (Morality) with a social contract (human ethics).

This exchange assumes:

- (1) that Human Nature (self-interest, individualism) is similar and will reach a General Consensus.
- (2) that the competitions (led by self-interest) will maximize the General Welfare for the entire population.
- (3) that the human ethics (without the support of heavenly morality) can ensure the operations of the two assumptions above.

These 3 assumptions are interlinked. If any one of the three is wrong, the entire system collapses.

These three principles above are implemented via a two-step system:

Step one (the metaphysical base): strip all human rights with one (right to vote); that is, putting everyone on an equal footing. From this equal footing, everyone must compete, and the winner takes more.

Step two (the implementation): via **differentiation and integration**. The right to vote is differentiated to individual (1) which is infinitesimal, near zero (0) in practice in a society. That is, the political power can only be regained if those differentiated individual can be integrated. So, in practice, the political power in the West is **not about the 'right to vote'** but is **all about the ways and the abilities of integration**. So, this system immediately divides people into two classes:

- 1) being differentiated (infinitesimal, near zero political power),
- 2) the integrators, the political elites.

Integration needs an integrating machine, which costs a lot of money. That is, with money, one can become an integrator, the power holder. Without the money, one can only be integrated.

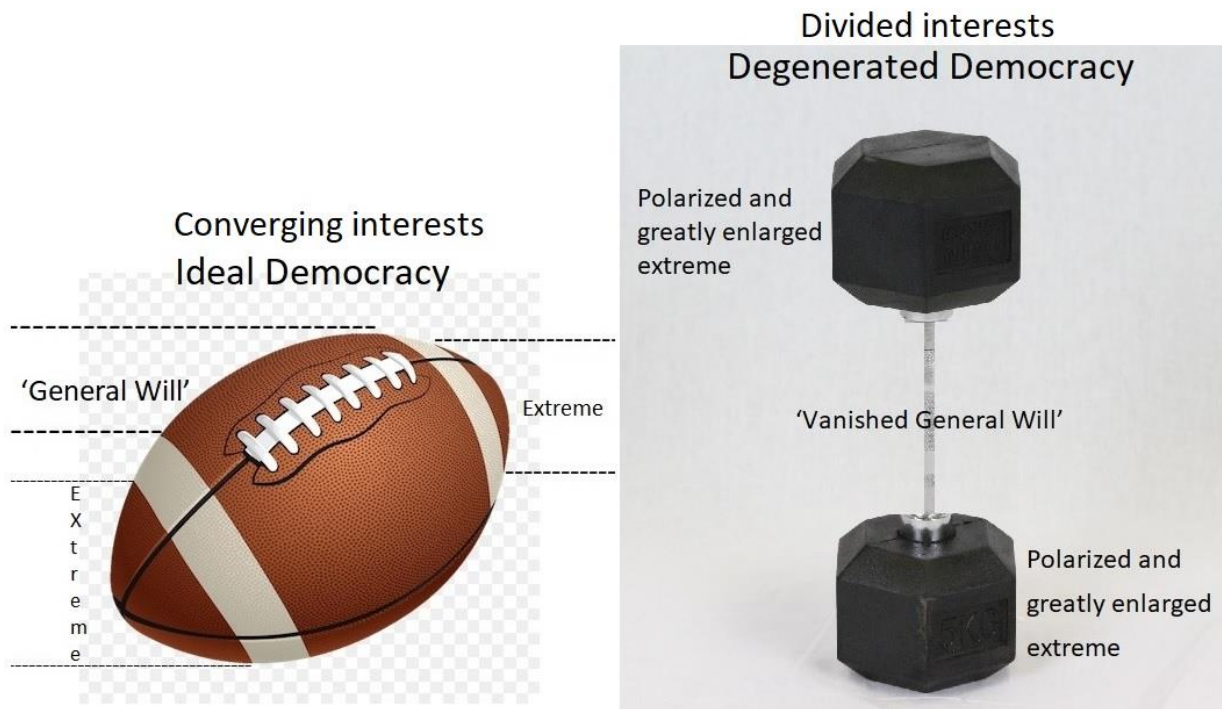
That is, the Western democracy is a legal term to divide people into two groups: the HAVE and the have-NOT.

Democracy = mercantilism

In essence, democracy via 'right to vote' is an inherent diverging power and **the inherent driving force for all inequalities.**

Furthermore, if there are more than one way of integration, the assumption 1 (reaching General Consensus) will eventually be wrong, and a greatly divided society will be the inevitable outcome, see the graph below.

'General Will' of Western democracy is about interests (利)



So, the assumption of John Locke, Jean-Jacques Rousseau, and Thomas Paine that a human ethics-based system (without the backbone of heavenly morality) can lead to General consensus and Common Welfare is wrong, both on the metaphysical level and on the implementation realities. The fact is that **this Western democracy will inevitably decay into extremes in principle.**

A theoretical analysis

Without the backbone of Heavenly morality, all social contracts will inevitably decay into extreme contradictory extremes.

With upholding the “right to vote” as the preempting right, it will inevitably lead to all kinds of inequalities, as the **true Nature human Rights {right to live (health care, job, etc.), right to no fear of unjust killing (by police, etc.), etc.} becomes privileges (the spoils of the competitions).**

Yet, some particular political structures (such as the American one, with three branches) can further amplify the **two processes (diverging on general consensus and increasing the inequalities)** above.

The US system of three branches is claimed to be balanced and mutually checked.

Are these three branches balanced with equal power (1/3 for each)?

In principle, the Congress has the power of creating (legislation) the laws (the social contracts).

The President (executive) can only execute the legislated laws.

The Supreme Court is to settle the dispute of any issue in the country, by interpreting the laws.

Seemingly, this is a system of truly dividing the three distinguishing powers (functions) of a nation to three branches, in principle.

Although there is a checking power implemented in Congress to check the other two branches with the power of impeachment, there is not a single success case in the past 240 years in the US history **in practice**. In a dynamic equation, if variable X should drive a consequence Y; yet, in real measurement, Y was never detected in Z amount of time. Then, the power (effectiveness) of X can be easily calculated and an upper limit can be easily established. In this impeachment case, the real measurement is ZERO in 240 years; that is, its upper limit is $(1/240) \% < 0.4\%$ chance to be effective in the future.

For the most recent case, **even if Donald Trump were 100% guilty as charged, he will not be convicted in practice by any means**. Can ever a president or supreme court justice be removed from office (not just in the 240 years) in a practical way? The simple arithmetic analysis shows that that chance is not good.

First, the checking (removing) process on other branches is DIVIDED into two steps (impeach by the House and convict by the Senate), just and fair in principle but could be totally unjust and unfair in practice.

A rascal President or Supreme Court Justice will not be impeached if he is protected by the House. If he is impeached by the House, he can still be protected by the Senate. That is, any rascal President or Justice can dodge the fate of being removed by playing the politics, courting the House or the Senate.

The historical record has proved this scenario. **In the historical record, the TRUE checking power is just a joke, not a reality thus far, and most likely will stay as a joke in the long, long future.**

Second, even in principle, the checking power among branches are not equal. The entire executive power is vested in only ONE person while the Congressional power is divided into two Houses. Each House is further divided into many (1/100 in the Senate; 1/435 in the House). **Unless the two Houses (House and Senate) are united, there is NO way of any kind to check the other branches even in PRINCIPLE.**

Thus, **from the historical record and the simple arithmetic calculation, the US system has no checking power in either principle or practice between two branches.**

Fortunately, the 3rd branch (judicial) seemingly provides some stability to this American system. After the shameless attacks by the GOP on the 2020 Presidential election results, over 86 judges stood firm on fighting back those evil attacks, see Note 3.

President-elect Joe Biden, speaking after the Electoral College affirmed his election win (on December 14, 2020), said

"It is my sincere hope we never again see anyone subjected to the kind of abuse and threats we saw in this election. It's simply unconscionable. We owe these public servants a debt of gratitude. They didn't seek the spotlight. **Our democracy survived because of them which is proof once more that it's every day Americans infused with honor, character and decency that is the heart of this nation.**"

That is, American democracy survived because of the honor, the character and decency of some citizens (**51% honesty against 47% the immoral**), not because of the institutions. Thus, any checking power in the US is outside the system (the institutions) but is the sense of honor and/or the morality of its citizens.

Without the backbone of Heavenly Morality, all crimes can be covered via political maneuvers. This lacking the checking power of a system will inevitably lead to degeneration to **immoralities** (extreme contradictory groups and extreme inequalities).

Furthermore, the US system is not a fair machine to maintain the General Consensus, as it inserts another entity, the States. The State power (having two Senator in the Senate regardless of its population size) is a huge-biased weight on the General Consensus. A very small State with very few populations has the same political power as a big State with a huge population. This State biased weight will, again, lead to the inevitable decaying to the extreme contradictory groups and extreme inequalities. For some small States, they can change their demographic structure permanently to disfranchise some certain groups of minorities via some nature migrating process or some artificial economic incentives. This will further increase the bias against the General Will of the population and lead to further division of the nation.

This decaying is further amplified by another political act, the gerrymandering. Although the federal government stipulates that the voting districts must have nearly equal populations and must not discriminate on the basis of race or ethnicity, the gerrymandering {the practice of drawing district boundaries to achieve political advantage for legislators, involves the manipulation of district boundaries to leave out, or include, specific populations in a particular district to ensure a legislator's reelection or to advantage their party} greatly disfranchised most of the minority people, and this further the divisions and the inequalities.

So, all social contracts (without the backbone of Heavenly Morality) will inevitably lead to the extreme contradictory ideologies.

By choosing the 'right to vote' (with the mechanism of differentiation and integration) as the preempting right will inevitably lead to inequalities.

The two above are the inevitable metaphysical consequences.

The unbalance and unchecked-ness of the 3 branches of the US system is just a simple arithmetic analysis, and it will eventually lead to further decaying to divisions and inequalities.

On the other hand, the practice of gerrymandering is the expression that there is a shared evil in human nature. We all have a little devil on our shoulder. It is easier to be bad than good.

From this theoretical analysis, the US democratic system has the following attributes:

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- 1) social contract (without moral backbone), capable of ordaining crap as truth, see Note 1,
- 2) voting right (as preemption right), killing some basic nature rights (right to live, a job, health care, etc.). **Those true (nature) human rights become spoils for the winner.**
- 3) **with 'voting right' as an equal footing, it legitimizes all oppressions which create the inequalities,**
- 4) differentiation and integration, creating **the have** and **the have-not**, see note 5,
- 5) no truly balanced and checked 3 branches,
- 6) add bias-weight (the State power) on General Will,
- 7) and the shared human evil (gerrymandering)} will inevitably end up with an extremely divided and extremely unequal society.

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The above is the structure problems about the American system, and each one of them is the seed for some kinds of inequality. Thus, I can make a political law here.

Law one: If a political system encompasses many inequalities, then no checks and balances can protect those being disfranchised.

Corollary one: if many inequalities are the **consequences** of a political system, it cannot construct a true checked and balanced system, although it could pretend to be one in name.

That is, the inequality is the **measuring ruler** for determining whether a political system is checked and/or balanced.

In addition to the 7 structure issues as the sources of the intrinsic inequalities, any division will be the seed of inequality too if the opposing forces are not equal. And there are, at least, five great divisions in the US:

- 1) Top/bottom: the elite vs the commoners
- 2) Left/right ideologies
- 3) Black/White racial tension
- 4) Financial/virtue economy (making money with money) vs the labor economy (work for living).
- 5) National vs international interests

Law 2: if a division goes to extreme, it will generate some great inequalities.

With the two laws above, I can make a very precise prediction.

Prediction: if a political system cannot remove some damning inequalities, it will soon decay into chaos and weakling (the namby-pamby).

By all means, I am not trying to criticize the US system but trying to show its **dynamics and its inevitable consequences**.

Some solid examples

The above discussions are still all on the theoretical level, without showing a solid example.

To my great fortune, the US system barely survived from a reckless President. That is, the politics of the past four years in the US has provided me some solid examples to show the essence of the US (the West) system.

The leader of a nation represents not a single person but three entities.

One, as a single person.

Two, as an administration, with teams of experts on all different issues.

Three, as 74 million GOP supporters (about 47.2% of the US voters).

The question is, now, why those 74 million support GOP in this system.

Then, we should first find out who and what this GOP leader is, as a person.

This administration could be (not for sure as I did not check the record) the first who packed Supreme Court with 3 new Justices.

However, I will not give him any credit on this, as the opening of those positions are not his doing. He just received these opportunities by circumstances. Of course, we must give GOP some credits as this

will not happen if it (GOP) does not hold the power in the Senate. The credit of holding the power in the Senate must be given.

Then (**first**), he is the only cowardice leader in the US history.

More than 100 American service members have traumatic brain injuries from Iranian airstrikes on Al Asad Air Base in Iraq in January 2020, the Defense Department reported.

A US Navy drone {costed around \$130 million (not including R&D)} was shot down by Iranian missile over Strait of Hormuz in 'unprovoked attack,' central command reported.

Yet, **this administration was too coward to strike back on both events.**

Second, incompetence; total failures on the clearly defined objectives.

One, the dictator of Venezuela (Nicolás Maduro) is still in power, three years after this administration promised to topple him. A total failure.

Two, the 13 years UN Arms embargo on Iran was lifted 3 days ago (on October 18, 2020), after the US was defeated at UN Security Council (13 to 2). A total failure.

Three, the demands on South Korea and Japan to shoulder more cost on their national security which are provided by the US are becoming a joke. Not a single penny more is gained thus far. A total failure.

Four, the US is the Chairman of the G-7 this year (2020). Yet, the G-7 Summit (originally scheduled in June this year and rescheduled in September) is still not happening (on October 30, 2020) as some G-7 leaders refused to attend. A total failure.

Five, the North Korea denuke is now a true joke.

Third, while cowardice and incompetence could be forgiven by some reasons, the pathological lying (the great immoral) must not be tolerated.

The pathological lies and some actual examples

What is a pathological liar? He has five attributes.

One, he is a **compulsive** liar. While everyone lies from time to time, they, in general, lie under EXTERNAL pressure, with some NEEDS of relieving that pressure. The compulsive liar lies under an INNER (not external pressure) irresistible urge, a needless lie. Without telling a lie, he cannot go to bed in peace.

Two, he has no **SHAME** about his lie. While everyone lies, they, often, feel shame about their lies and try to cover it up.

Three, he lies as a **loser**. Being a loser, he finds out gazillion reasons for his failures.

Four, he lies on the intention to harm others, the **evil lies**.

Five, he lies to himself, the **self-lying**.

There are many mainstream media (such as PolitiFact, Factcheck.org, Washington post, etc.) provides the details on Trump's lies, see {Washington post reports {In 1,316 days, President Trump has made 22,247 false or misleading claims, <https://www.washingtonpost.com/graphics/politics/trump-claims-database/> }, about 17 lies a day.

As a scientist, I, again, will not take their words for. I want to have some solid evidence which meets the five attributes on pathological liar to give a verdict.

One, to fight a trade war with China could be a very important national strategy for maintaining the US supremacy (all legitimate) while there, of course, will be some COST for the US. By explaining the importance of this strategy (beneficial to the US in the long term), most of the Americans will surely support their government although there would be some heavy cost to pay. Yet, this administration said: China paid (and pays) all the tariff, imposed by him on the imports from China.

Of course, this is not only a lie but a retarded statement. I have written an article {{Dumb and Dumber} vs {stupid and stupidest}; <https://medium.com/@Tienzen/dumb-and-dumber-vs-stupid-and-stupidest-c20cee67aae2> } on this two years ago.

Two days ago (on September 24, 2020), BBC reported {Major carmakers sue US government over China tax (<https://www.bbc.com/news/business-54260917>)}; Tesla in its filing called the tariffs "arbitrary, capricious, and an abuse of discretion".} In addition to Tesla, there are 3500 America companies filed the similar lawsuits too; from Reuters: {About 3,500 US Companies Sue Over Trump-Imposed Chinese Tariffs; <https://www.voanews.com/economy-business/about-3500-us-companies-sue-over-trump-imposed-chinese-tariffs> }.

At least, for 3,500 American companies, the imposed Chinese product tariff is not paid for by China. These are 3,500 witnesses for this NEEDLESS lie (a compulsive/shameless/self-lying/loser lie). This lie is a total stupidity, definitely a pathological lie.

Two, without his great job, the US will have over 2 to 3 million Covid deaths by now (September 2020), instead of only 200,000; thus, **he gets A+ for his Covid job**.

The statement above can easily be checked with some simple facts:

Fact one, the US accounts for 4.25% of the total **world population**.

Fact two: the other world population (excluding the US) is 22.529 $[(100 - 4.25)/4.25]$ times of the US.

Fact three: the Covid death of the US = 2,005,895 by now (September 30, 2020).

Fact four: the Covid death of the other world (excluding the US) = one million and 4808 on September 30, 2020.

With the four facts above, we can do the following calculations.

1, if the US would have 2 million (the low end of above statement) Covid deaths by now (September 30, 2020, if without government intervention, such as a great job that this administration did), then the other world (excluding the US) would have 45 million Covid deaths **by now** $\{= [2 \text{ million } (100 - 4.25)/4.25] = 2 \text{ million} \times 22.53 = 45.06 \text{ million}\}$, with the same predicting model (theory).

2, This administration's job: with the death statement above [reducing the Covid death from 2 million (the lower number) to 2,005,895, the reduction is 9.71 $(2 \text{ million}/2,005,895)$ times better than the prediction.

3, the other world's job: reduced from 45.06 million to (one million and 4808) = 42.99 times better than the prediction.

Thus, the other world is doing 4.428 times better ($42.99/9.71 = 4.428$) than the US's job.

That is, The US's job on Covid is not just worse than the others (even the poorest nations) but is 4.4 times worse.

This administration's statement on Covid deaths in the US is wrong, a big lie. This goes to the **shameless/heartless/evil lie** category, see note 4.

Three, after over 81 million people has voted against him, how can one claim any further legitimacy? This meets the **loser liar** category.

Four, often, calling others names with very vulgar languages, with the only intention to hurt others. all those name callings are **evil lies**.

Five, while privately did not deny the 2020 election outcome, some fiercely denied it publicly, the hallmark of **self-lying**.

As a scientist (not Politian), I can, now, state with 100% certainty that those are pathological lies.

A trait of some persons or as American psyche?

Yet, I do not give a hoot about someone telling some pathological lies.

All I care about is why there is 74 million people believing or tolerating those pathological lies.

Is the pathological lying a trait of a small group of people? Or is it an important part of the US culture/psyche?

After the devastating loss on his 2020 election, Trump claimed that there are major and systemic voting frauds in the States that he lost (no fraud in the States that he won).

Los Angeles Times reported (on November 19, 2020): {A Monmouth University poll found that 77% of Trump supporters attribute Biden's victory to fraud. An Economist/YouGov poll found that 4 in 5 (80%) of Trump supporters believe fraud changed the outcome nationally.} See

<https://www.latimes.com/opinion/story/2020-11-19/republican-voters-are-buying-trumps-absurd-allegations-about-election-fraud>

If GOP's claim is a pathological lie (shameless, loser's lie, self-lying), then anyone who accepts this lie is a pathological liar himself. With the Los Angeles Times report, there are over 57 million (74 million x 77%) Americans are also pathological liars if we can show that GOP's claim is a big lie, **see Note 1**.

As a physicist, I am an expert of designing and building the detectors for detecting very faint signal (one out of trillion chances) for a (any) physical event.

Any system (however great) always has noises (the background noises). So, for designing any detector for any system, there are three design criteria.

One, understanding the background noises.

Two, understanding the event signal.

Three, detector must have the ability and the sensitivity to distinguish the true event signal from the background noises.

A voting system is no different from any physical system, with background noises and event signals.

What are the BACKGROUND noises for a voting system?

One, outdated voter registration data, sending a ballot to a dead and/or moved voter. Updating a voter registration data in real time is not yet possible at this moment. Yet, this noise should account less than 0.1% of the total and can be easily removed by auditing.

Two, acts of individual crime, there are all types of crimes (murder, rob, stealing, rape, etc.) in a society, and voting crime (voting for a dead person, doubling voting, etc.) is just an individual crime. In the history, this could account about 0.01% of the total voting.

Three, process errors, the counting error, the signature verification error, the ballot handling errors, etc. In the history, this accounts for another 0.01% of the total.

What are the voting FRAUDs?

One, while the three voting problems listed above are viewed as background noises when they are done (happen) by INDIVIDUALs, they become voting frauds if done in an ORGANIZED manner.

Two, it is a result of malfeasance (by a public official of an act that is legally unjustified, harmful, or contrary to law)

Now, we have clearly defined 'voting FRAUD' and 'voting system BACKGROUND noises'.

Background noises: random events (from individuals)

Voting fraud: organized events and malfeasance (from election officials).

So, any news (claims or accusations) on dead voters, double-voting or software errors is nonsense, as the KEY is about whether they are ORGANIZED (with specific intention) or not.

Of course, while examining whether the evidence of an accused FRAUD is organized (with specific intention) or not is the job of the courts, I can design a DETECTOR to distinguish these from the sensitivity measurements.

In all physical systems, the ways of distinguishing the background noises from the genuine event signal is by the sensitivity measurements. That is, the detector has different sensitivity for different signals (background or the genuine event).

Is there a way to build such a detector in the US voting system?

The answer is a big YES, as it has a built-in detector with many levels of sensitivities.

This is called the UP/DOWN ballot which is only ONE (a single) ballot.

The UP ballot lists the national elections, such as President, Senate, House, etc.

The DOWN ballot lists all local elections, such as city councils, school board members, etc.

A fraud of 1,000 votes (not randomly scattered background noise) can be devastating for most of the down ballot elections. Even a 100 fraud votes can destroy a local school board election.

Fortunately, the 100 or 1,000 problem votes (locally) can be easily identified and removed.

That is, for the DOWN ballot, the background noises (dead voters and double voting) can be easily removed. If those problem ballots are from an INTENTIONAL fraud, it can be easily identified at this local level.

Now, I can make a voting fraud detecting LAW.

Voting fraud detecting law: any voting fraud (organized with specific intention) can be (100%) detected by the DOWN ballot.

Example:

On the ballot of State X:

There is one for Presidential election,

Ten for House representative,

Two hundred city councils,

One thousand school board members.

Set the sensitivity of a FRAUD for the Presidential election is one (1),

Then, the sensitivity of the same FRAUD for the House election will be 10 (1 x 10),

For the city councils will be 200 (1 x 200)

For a local school board election will be 1,000 (1 x 1000).

That is, if a Fraud of 10,000 votes can affect the Presidential election in the State X, that Fraud can affect, at least, 20% (2 races) of the House election in that State, and 30% (about 60 races) of the city council election, and almost 50% (about 500 races) of the local school board election. That is, a fraud of 10,000 votes can affect 562 (2 + 60 + 500) elections on the DOWN ballot.

By using the above estimate (10,000 fraud votes --- > affect 562 down ballot elections), we can easily estimate the size of PROBLEMS on the down ballot elections.

The following is the real number of margin (needs to be overturned to flip the presidential result) of each State in this 2020 Presidential election.

Arizona: 10,457 {estimated down ballot problems, 587 = (562 x 1.0457)}

Georgia: 14,056

Wisconsin: 20,565

Nevada: 33.596

Pennsylvania: 81.811

Michigan: 157,772

Minnesota: 232,562

So, the low limit for the down ballot problems will be 562×7 (States) = 3934.

That is, if the above margin is the result of frauds, those frauds will devastate, at least, 3934 down ballot elections.

If only half of those margins are from some FRAUDS, we should still see half of the DOWN ballot problems = 1967

If only one-third of those margins are from some FRAUDS, we should still see 1/3 of the DOWN ballot problems = 1311

If only one-tenth of those margins are from some FRAUDS, we should still see 1/10 of the DOWN ballot problems = 393 DOWN ballot election problems.

With the above calculation, we can easily reach two conclusions:

One, even with 1/3 of the margins being the result of some FRAUDS, it is not enough to overturn the presidential election result.

Two, without any widespread down ballot election DISPUTES (seemingly less than 393, 10% of the margin), there is no systemic voting fraud. Furthermore, even if there is a true voting fraud in the 10% level (showing by 393 down ballot disputes), it will not flip the Presidential election result. The fact is that there are no widespread reports on the Down ballot fraud (**in a meaningful way**) by either the news media or the lawsuit cases on any down ballot disputes. Thus, I am, now, very confident to PROCLAIM that there is no GENUINE (genuine) fraud in this 2020 election.

This down ballot analysis is a no brainer, understandable by any 5th grader. With this simple down ballot fact (no meaningful disputes in addition to some comic drama), **anyone who still believes that there is a massive and systemic voting fraud while no evidence of a sizable down ballot disputes by those elections is believing a pathological lie.**

Anyone {those 57 million GOP supporters (36.3% 2020 voters)} who believe a pathological lie, by definition, are pathological liars (self-lying, loser's denying, and shameless) themselves.

The subconsciousness of the US psyche

With 57 million people still believe a pathological lie (about the massive voting fraud in the 2020 election), **the pathological lying is no longer a trait of some persons but a subconsciousness of the American psyche.**

Of course, one example (above) is only the existential introduction.

Two examples are needed for showing the existential generalization.

That is, we need, at least, one more example to show that pathological lying is a general trait of the US psyche.

Perhaps, the belief of those 57 million could come from their political bias, not from their ethic judgement.

Can we (especially I) find some non-politic examples of believing the **pathological lying power** in the pop culture?

Let me introduce a movie {The Mask (1994); Director Chuck Russell ([https://en.wikipedia.org/wiki/The_Mask_\(1994_film\)](https://en.wikipedia.org/wiki/The_Mask_(1994_film)))} first.

Stanley Ipkiss, a hapless bank clerk (frequently ridiculed by everyone around him), was attracted by a lady Tina Carlyle (dazzling singer at one nightclub). He was able to get her attention by donning a mask (which he found). This mask can give the one who wear it with a great magic/evil superpower, and it, thus, becomes wanted by many others. Finally, Tina told Stanley that she can love him back without his wearing the mask.

This story shows that there is, indeed, a shared evil in most of us, as a part of human nature.

Some even say: {Although there is shared evil in all of us, there is some difference in degree. After some great difference in degree, it can transform to difference in KIND; while most people (with shared evil) acts with kindness, someone can become truly EVIL.}

The statement above has ZERO scientific meaning unless that statement can be described with a MECHANISM (with relating variables and are measurable). This is the difference between a nonsense mumble-jumble and a scientific statement.

If I cannot use a mechanism to describe the above statement, all my arguments on this will be simply trash.

This story of the "Mask" above provides a very important mechanism: by wearing a mask, a redneck becomes a superman.

We, now, **have a mechanism (wearing a mask), a variable (mask), two measurable (redneck, superman), and one transformation (from redneck to superman).**

Then, the non-scientific statement above becomes a scientific statement if we know what this variable (mask) is.

Yet not every scientific statement is true.

In general, we use 'induction proving strategy' which consists of three steps:

Finding one example first, as the existential introduction: the statement is true for, at least, one example.

Finding a second example, as the existential generalization: the statement is not just for a single case.

The third step is a bit tricky, finding the universal proof: this requires, at least, a third example to be found.

It will take a small book to elaborate this scientific methodology. Here, I will just show 3 authors who used this same mechanism to describe this human PSYCHE.

One, the movie (Mask) shows that a mask has the transformation PSYCHIC power.

Two, Dr. Jekyll and Mr. Hyde.

Three, The Lord of the Rings: by wearing a ring, one can get superpower. Yet, Frodo Baggins (hobbits; Halflings or sub-human with courage, selflessness, and fidelity) can face off the evil power of the ring, as the attribute (parameter) of innocence. The ring, the parameter of evil power, and the mechanism (wearing the ring). The image of Dark Lord Sauron is just a hollow metal MASK. This story further emphasized that the shared evil is in the essence of the human nature while the "innocence" can only be a trait of a subhuman.

These three stories describe the same **PSYCHIC mechanism: variables {innocence (Tina/Frodo), evil (mask/ring)}, process (wearing) and consequence (magic/superpower).**

Yet, are these three stories just pop novels, not reality in real life?

Unfortunately, there are so many real deadly and evil examples on this.

On Aug. 23, Kenosha Police Officer Rusten Sheskey shot Jacob Blake seven times in the back after Blake walked away from officers and was attempting to enter a small SUV with his three children in the backseat. (see <https://www.jsonline.com/story/news/2020/08/27/questions-police-use-force-after-kenosha-shooting-answered/5645186002/>). This happened 3 months after the BLM (Black lives matter) movement; that is, the BLM protests have zero effect on the psyche of the American policemen.

The annual average number of killing by police (called as justifiable homicides), estimates from the Bureau of Justice Statistics released in 2015 estimate the number to be around 930 per year, or 1,240 if assuming that non-reporting local agencies kill people at the same rate as reporting agencies. See (https://en.wikipedia.org/wiki/Lists_of_killings_by_law_enforcement_officers_in_the_United_States).

How can a just society tolerate such a massive killing (without any civil processes)? A society tolerates this kind of mass killing is (must be) an unjust society.

Almost ALL policemen are innocent persons before they joined the police department. As soon as they put on the police UNIFORM (a type of MASK/RING), they become someone with a nickname as pig (a derogatory term from the US society, see <http://www.todayifoundout.com/index.php/2014/03/police-officers-sometimes-called-pigs/>).



The above photo is from (SoundCloud), see <https://soundcloud.com/dannyreymusic/the-enemy-feat-astral-b>

Again, almost ALL soldiers are innocent persons before putting on the military UNIFORM (a type of Mask/Ring). As soon as they put on the military uniform, they become killers (as intended) but some become murders (killing the innocent persons).

One, 25 Australian soldiers killed 39 afghan civilians during 2015 to 2016 (<https://www.bbc.com/news/world-australia-54996581>), reported in November 2020, **see note 2.**

Two, US soldier killed Afghanistans (Kandahar massacre, 11 March 2012, see https://en.wikipedia.org/wiki/Kandahar_massacre)

Three, US soldier executed 24 Iraqi civilians (The Haditha massacre, November 19, 2005, see [https://en.wikipedia.org/wiki/Haditha_massacre#:~:text=The%20Haditha%20massacre%20\(also%20called,western%20province%20of%20Al%20Anbar.\)](https://en.wikipedia.org/wiki/Haditha_massacre#:~:text=The%20Haditha%20massacre%20(also%20called,western%20province%20of%20Al%20Anbar.)))

While those events are reported by the news media, no major outrage come from the general society, viewing them just some happenstances.

As soon as one puts on the MASK/RING/UNIFORM, he instantly gains the superpower to breakout from the confinement of his conscience, sense of shame, and the innocence.

So, this psychic transformation (from small shared evil to the great EVIL/with superpower, in the above statement) is not a mumble-Jumble but a scientific statement, as they are described by three very important literatures.

Yet, what is this MASK? Different scientists can have different choices.
For me, I will choice it (MASK) as LIE/EVIL which can be precisely defined.

There are three types of lies: white lie (lying for the benefit of others); black lie (lying for gaining advantages for oneself); evil lie (lying for the intention of hurting others while might or might not getting any benefit for oneself).

Then, there are two types of black liars. One feels guilt and shame about his lie and tries to cover it up. The other is the pathological liar (shameless).

Those three literary works are not just popular novels in the West but become an important part of the subconsciousness of the Americans.

So, for an innocent person, he acquires a magic/evil power when he dons with an evil mask.
For an already evil person, he can blame all evil acts of his to the evil mask, not his own doing, and he can proclaim that he is a very innocent person.

When the Secretary of the State of the US says {we lie, we cheat, we steal (see <https://www.youtube.com/watch?v=ZCjWAq7563I>)} while no condemnation (but discussing it as a very funny joke) from the society (especial the new media), his motto is, in fact, the subconscious of this society (see note 3).

Beyond the politics and pop culture

When a pathological liar becomes the highest leader of a nation, he becomes a **MASK** for many of his citizens who are either liberated from their conscience or find excuses for their evilness.

Yet, there are 81 million Americans who voted against GOP candidates (the MASK). Is anyone who voted against the GOP candidates is not a part of the MASK-subconscious of the US culture (described with the 3 pop literatures)? I am unable to answer this; more study is needed. But I can answer the question whether science is essentially honest or not.

Science {especially the hard sciences (based on evidence only), such as physics, biology, etc.} claims to be 100% honest, without any preconceived stands/bias.

Here, I want to show that the above statement is not correct. **Science is 100% paradigm biased enterprise**. It sets up a paradigm (accepted by the majority of the community), and any new idea which is not conforming with the paradigm will be called (named) as CRACKPOT.

I will show a simple example here, so simple that every 8th grader can understand.

The followings are the two quotes about a mystery in physics (about a measured number).

{On June 22, 2015, George Johnson (from "Raw Data": A collection of "Raw Data" columns published in The New York Times) wrote an article "**Humankind's Existentially Lucky Numbers**", which states: "Alpha's value seems no more predictable than digits randomly spit out by a lottery machine: 0.0072973525698. One of the greatest mysteries of physics, the physicist Richard Feynman called it, 'a magic number that comes to us with no understanding by man.'"

(See, http://www.nytimes.com/2015/06/23/science/humankinds-existentially-lucky-numbers.html?_r=0).

{{The following is the quote from Wikipedia (on November 24, 2020; see https://en.wikipedia.org/wiki/Fine-structure_constant): Richard Feynman, one of the originators and early developers of the theory of quantum electrodynamics (QED), referred to the fine-structure constant in these terms:

There is a most profound and beautiful question associated with the observed coupling constant, e – the amplitude for a real electron to emit or absorb a real photon. It is a simple number that has been experimentally determined to be close to 0.08542455. (My physicist friends won't recognize this number, because they like to remember it as the inverse of its square: about 137.03597 with about an uncertainty of about 2 in the last decimal place. It has been a mystery ever since it was discovered more than fifty years ago, and all good theoretical physicists put this number up on their wall and worry about it.) Immediately you would like to know where this number for a coupling comes from: is it related to π or perhaps to the base of natural logarithms? Nobody knows. It's one of the greatest damn mysteries of physics: a magic number that comes to us with no understanding by man. You might say the "hand of God" wrote that number, and "we don't know how He pushed his pencil." We know what kind of a dance to do experimentally to measure this number very accurately, but we don't know what kind of dance to do on the computer to make this number come out, without putting it in secretly!

— Richard P. Feynman (1985). QED: The Strange Theory of Light and Matter. Princeton University Press. p. 129. ISBN 978-0-691-08388-9.

Conversely, statistician I. J. Good argued that a numerological explanation would only be acceptable if it could be based on a good theory that is not yet known but "exists" in the sense of a Platonic Ideal.[61]

Attempts to find a mathematical basis for this dimensionless constant have continued up to the present time. However, **no numerological explanation has ever been accepted by the physics community.**}}

That is, this number (Alpha = 137.03597 = 1/0.0072973525698) is a mystery in physics still **today** (November 24, 2020), as no **numerological** equation IS found in both accounts above.

Yet, for every 8th grader, he can check out the equation in the following graph to see whether that equation produces that exact number (137.03597) or not.

And this **numerological** equation has been on the internet since its inception (1996).

Calculating Alpha: fine structure constant

$$\alpha = \frac{e^2}{2\epsilon_0 hc} = \frac{1}{137.035999679}$$

Beta = 1/alpha = 64 (1 + first order mixing + sum of the higher order mixing)

$$= 64 (1 + 1/\text{Cos } A(2) + .00065737 + \dots)$$

$$= 137.0359 \dots$$

A(2) is the Weinberg angle, A(2) = 28.743 degrees

The sum of the higher order mixing = 2(1/48)

$$[(1/64) + (1/2)(1/64)^2 + \dots + (1/n)(1/64)^n + \dots]$$

$$= .00065737 + \dots$$

See, <https://www.linkedin.com/pulse/totally-blind-deaf-googlefacebookblogosphere-era-jeh-tween-gong>

Power of lie vs power of truth

While some of the readers of this chapter are not mathematicians nor physicists, they still can see that the physics community is not honest (meeting the definition as pathological liars).

With the Alpha-lie (above) in physics (the hardest hard science) community, the US politics of the past 4 years is no longer a monkey

play by a few pathological liars but is the manifestation of the subconscious of the entire Western (American) society.

Fortunately, although every lie is, of course, a living entity, in according to the “Mickey mouse principle”, see {Introduction (Volume I), page xx}, the life of all lies is always short lived, while the life of truth is eternal.

In the US, the politics (as a social contract without Heavenly morality) and religions (upholding heavenly morality as the essential base) are separated by human LAW. Yet, will the Almighty (if any) keep His hand out of the politics?

If the Almighty = honesty, can any lies escape from His justice?

The artificial separation of politics and religion will not escape from the Heavenly justice.

This universe is anchored with, at least, 4 eternal anchors {the nature constants, such as Alpha (electron fine structure constant), CC (cosmology constant), Higgs Boson mass (~125.46 GeV.), and Planck CMB data (of 2018)}.

Those anchors pre-exist long before the risen of human and are just MEASURED by us; that is, they are created by Someone else (not human).

When I INVENTED a set of equations which can produce the exact numbers for each of these constants, I have DISCOVERED the secret formulas of that ‘Someone’. I, then however, must accept two facts.

One, my new invention was done long ago by ‘Someone’.

Two, even with my invention, I am unable to CREATE a universe, like the ‘Someone’ who did long ago (although with the same set of equations). The best that I can do is to use my invention to DESCRIBE this universe (created by Someone, not me).

These TWO are deadly harsh reality: “to describe” is totally different from “to create”.

At this point, I must get down on my knees to worship that “Someone”.

Yet, can we communicate with that Almighty?

The human languages (English, French, Russian, etc.) are spoken from our minds (rational or irrational) and our hearts (kindness or evilness).

The science speaks only about the facts, no mind nor heart.

The VOICE of God can only be heard via magics and miracles.

Predicting the outcome of a presidential election is not an easy job, let alone to calculate the precise margin. But, I did exactly that, with very precise accuracy {82 (prediction) vs 74 (actual)}, with the error bar about $(82 - 74)/538 = 0.01486 = 1.5\%$, {see

<https://www.facebook.com/tienzen.gong/posts/3473005442792142> or the Preface (4th edition)). My work is 100% scientific, no magic or guesswork.

On the other hand, someone is, seemingly, able to do a magic work, with the error bar = 0, not just prediction but as execution. His work can be described below.

With 53 marbles {50 States + 1 (Washington DC) + 2 (Maine and Nebraska with split electoral)} which are marked with a different number (the electoral votes of each State) on each, how many different combinations when they are divided into 2 sets can produce two numbers (306, 232)?

Although this is not an easy job even for a programmer to write an algorithm for a supercomputer to do (the simulations), it can be done manually, nonetheless. I, thus, encourage everyone to try it.

But if anyone who believes in God and in the Immortal Combat (God fights against the Devil), there are seemingly two combinations already done by the Immortals.

One, election 2016: Trump (306) win, Clinton (232)

Two, election 2020: Biden (306) win, Trump (232)

These were done so magically in 2020: Biden won 1 from Nebraska while Trump won 1 from Maine. Without these two magics, the numbers can never come out the way it is.

The question is, then, which win is God's, which one the devil?

Can Devil win without a sneaky ambush?

Will God make a revenge after an ambush?

The magics has been shown.

The Devil ambush is revenged.

The wicked evilness (a true evil in all aspects) is (will be) eradicated.

Only via the magics, the voice of God can be heard.

Amen!

Thanks, my Lord.

(or see <https://www.linkedin.com/pulse/magic-combinations-jeh-tween-gong/?published=t&trackingId=5SjLU7EeTEiPta%2FkEyfVaQ%3D%3D>)

With the Mickey Mouse Principle {See, Introduction (Volume I), page xx}, any pathological lie will have a mortal life (even with some magic superpower) but will eventually be eradicated.

Can the **physics-Alpha lie** survive? Of course, NOT.

Conclusion

True science (physics) cannot exclude the Almighty but must submit itself to HIM. That is, even politics cannot escape from the justice power of the Almighty.

Any politic system which excludes the Almighty does not have the backbone of Heavenly Morality, the force rejecting the pathological lies (while lies are parts of human nature, an attribute from the Almighty).

One, without the backbone of Heavenly Morality, the Western democracy is able to ordain all BULLCRAPS as truths. Yet, it cannot escape the inevitable fate of decaying to contradicting extremes.

Two, by selecting the “right to vote” as the preempting right, it kills all other human rights; making the “rights of life (the health care, the jobs, etc.)” not rights anymore but as the privileges. This leads to competition without any moral restrain. The result is an extremely divided society, with many classes. Some classes are permanently disfranchised from the society, with many permanent inequalities. **The Western democracy KILLS all heavenly given human rights in PRINCIPLE, although it might preserve some of them in practice.**

Three, without the backbone of Heavenly Morality, the pathological lying becomes an essential part of its subconscious. Pathological lies (evilness) can be very powerful (based on the Mickey Mouse Principle) in the short term (hundreds of years) but will definitely be defeated by the Heavenly Morality.

Four, with ‘voting right’ as an equal footing, it **legitimizes** all oppressions which create the inequalities.

Five, the gerrymandering (amplified evilness) will further disfranchise some minorities and widen the divisions and inequalities. **All inequalities in the Western society are not just the essential parts of it but, often, are the intentional consequences.**

Six, the added bias weight (the State power) will further accelerate the divisions and inequalities.

Seven, the 3 branches structure is unable to rein in all those diverging forces.

The rise of the US to the sole superpower status has many reasons (geological, historical, etc.), but the most important reason is that it was “United”, a united society. Yet, the Western (the US) democratic system (see Note 6) will inevitably lead to its decaying and downfall (from the sole superpower).

If anyone views that the above discussion is a criticism on the Western (the US) political system, he is wrong. I simply describe its dynamics and predict its inevitable consequence.

The main purpose of this Chapter is to show that the TOE (Theory of Everything) principle is universal, applicable also to the Political Theories, and most importantly, the US democracy is based totally on the Mickey Mouse Principle (see page xx).

The guiding principle of this TOE is the "Large Complex System Principle".

The "Large Complex System Principle" (LCSP) -- there is a set principles which govern all large complex systems regardless of whatever those systems are, a number set, a physics set, a life set, economy/politics or a vocabulary set.

Corollary of LCSP (CLCSP) -- the laws or principles of a "large complex system x" will have their correspondent laws and principles in a "large complex system y."

The physics-TOE is based on the Real/Ghost symmetry, see the graph below.

First Principle: {The essence of THIS universe is 'NOTHINGNESS', and it must remain to be nothingness}

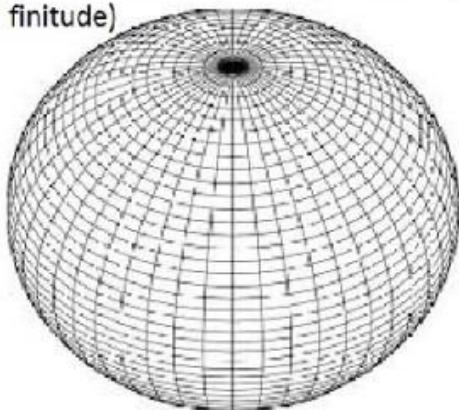
Real/Ghost symmetry

The black spot is the Ghost POINT (an infinity)

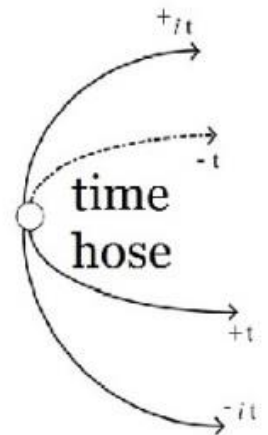
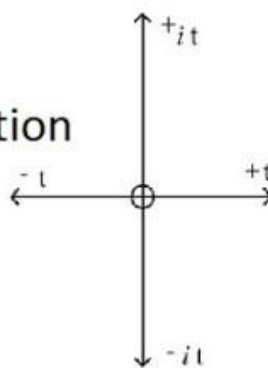
The entire Ball except the Ghost point is the real (matter) universe (a finitude)

At every time-t, it is in fact {timeless}, expressed by equation zero

$$\Delta S = N * C * (\Delta T) \\ = (i^{n1}, i^{n2}, i^{n3}) * C * (\Delta T)$$



manifestation



The Real (world, the material universe) is a finitude.

The Ghost (point) is an infinity.

In the human realm, the mortal human world is also a finitude while the Heavenly Morality is eternal.

Without the Heavenly Morality (the eternal laws; the infinity in the Physics-TOE) as the backbone, all Secular government/social contracts cannot uphold the HONESTY as their central morality (although

most people pretend that they do); that is, the pathological lying will become the essential part of their subconsciousness, capable of ordaining all bullcraps as truths.

From this politics-TOE (isomorphic to the physics-TOE), there are basically two types of political structures.

One, the one upholds the Heavenly Morality:

- With a unified morality and General Consensus,
- With the “right of others” (the otherness-ism) over all rights of a self.

Two, those do not uphold the Heavenly Morality but depend only on some Social Contracts:

Will definitely led to moral degeneration; pathological lying becomes the essential part of the group subconsciousness.

Will definitely led to extremely divided society, with extreme contradictory ideologies.

Will definitely led to extremely unequal societies {racial inequality, economic inequality (see a **side note in Chapter 26**), justice inequality, health care inequality, education opportunity inequality, etc.}

The following graph shows that Nature is implemented with a ‘Perfect Symmetry’ while rejects the diverging scenario (SUSY, although it is a theoretical possibility).

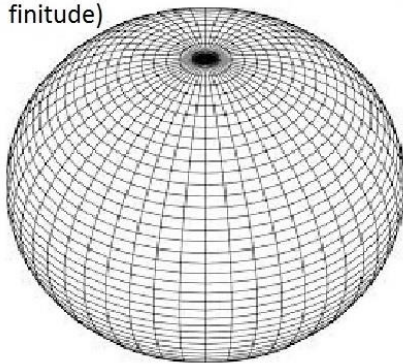
Real/Ghost symmetry

gives rise to Fermion mass
and spin:

Perfect symmetry
Real/Ghost symmetry

The black spot is the Ghost POINT
(an infinity)

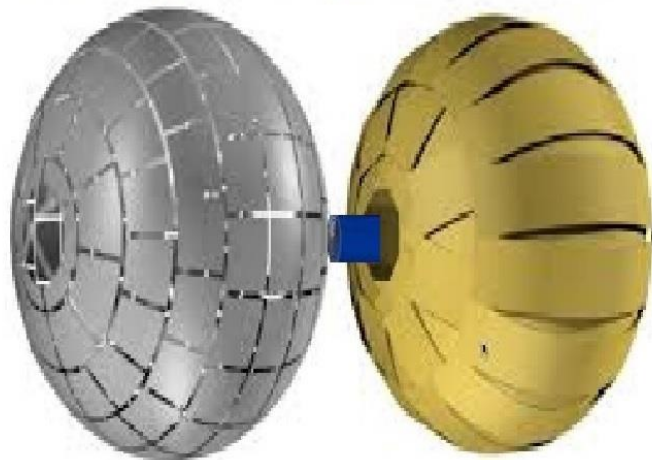
The entire Ball except the Ghost
point is the real (matter) universe (a
finitude)



SUSY (supergravity) is dead

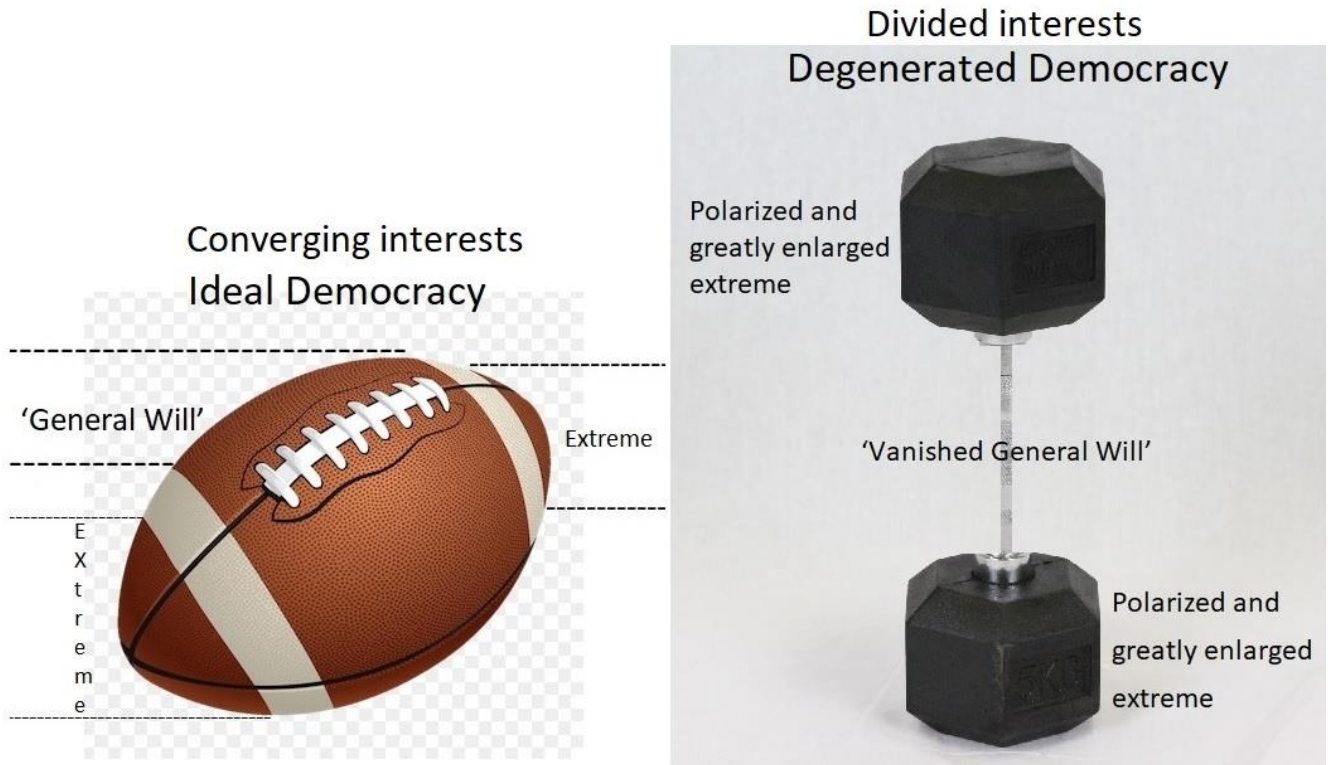
Very low symmetry
SUSY of this universe

A messenger must appear at weak scale











The graph below shows a similar consequence (from a unified consensus to divided extremes).

'General Will' of Western democracy is about interests (利)



Although SUSY is a theoretical possibility, Nature (the perfection) does not implement it. Yet, via the Mickey Mouse Principle {See, Introduction (Volume I), page xx}, **the extremely divided democracy does have a mortal life but will inevitably face the mortal death**, as the essence of the democracy principle (abandoning the heavenly morality by replacing it with a social contract) is essentially immoral (dishonest, such as the **Physics-Alpha-lie**) and evil (producing all inequalities). How can a just and fair society allow the killing of over 1,000 of its citizens per year by a governmental force, especially under the MASK of law and order? Is this governmental force the evil or is there a much bigger evil (the citizens) in this society? **Killing over 1,000 persons a year, this is not about racism but is totally evil.**

Self-lying (such as Trump's claim that he won the 2020 Presidential election) is very simple, just needs a shameless personality. Lying to others will be a bit harder, as not everyone is a retard. Lying to Nature (such as the **physics-Alpha-lie**) is impossible although it can be a self-lying and can be a lie to others (who are ignorant about the laws of Nature) in a short period of time. My tweets below show the inevitable fate of the **physics-Alpha-lie**.

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Tweet




Sabine Hossenfelder  @skdh · Oct 22

An brief comment on the recent misleading claim by @CERN that dark matter would be a "guaranteed result" (actual quote) of building a bigger collider:



Particle Physicists Continue Empty Promises
In this video I explain why building a next larger particle collider will most likely not tell us anything ...
[youtube.com](#)

 36  77  217 



Jeh Tween
@Tienzen

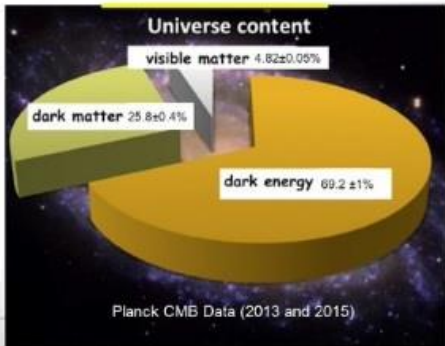
Replying to @skdh and @CERN

Amen!
Thanks for your futile effort on trying to save the CERN people from their stupidity.
Just let them do their cheating in this life, as Nature will damn them eternally.
Show them the graph below on the Dark matter/Energy issue.

Deriving Planck CMB data

Amphitheater/pimple model (48 fermions (carry the identical mass charge), 7 are visible); Iceberg model (Space X + Time Y + Total matter Z = 100%; X = Y = Z; Let: DE=Dark Energy, D=Dark Matter, V=Visible Matter, W = 9% (dark radiation, melting of Dark matter into Dark energy)

$D/V = [(48 - 7) (100 - W) \% / 7] = 5.33$, $V = [(Z - V) \times (100 - W) \%] / 5.33 = 4.86 \%$
 $D = [(Z - V) \times (100 - W) \%] = 25.90 \%$ $DE = X + Y + [(Z - 4.86) \times W \%] = 69.22 \%$



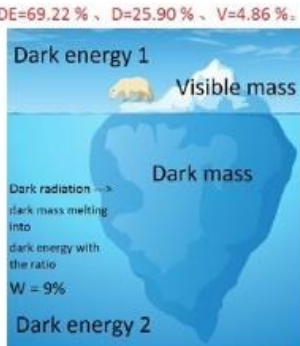
Universe content

visible matter 4.82±0.05%

dark matter 25.8±0.4%

dark energy 69.2 ±1%

Planck CMB Data (2013 and 2015)



DE=69.22 % , D=25.90 % , V=4.86 %.

Dark energy 1

Visible mass

Dark mass









Dark radiation → dark mass melting into dark energy with the ratio W = 9%

Dark energy 2


See <https://tienzengong.wordpress.com/2015/04/22/dark-energydark-mass-the-silent-truth/>


 **Jeh Tween**
@Tienzen

See <https://twitter.com/Tienzen/status/1319331715093917702>


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Tweet

 **Jim Baggott** @JimBaggott · Jan 14 ⋮
 At some point, this discussion *must* expand beyond a small group of naysayers. Credit to @skdh and @notevenwrong for continuing to make the case, but we desperately need to move this to a wider forum.

 **Not Even Wrong** @notevenwrong · Jan 13
 New post: Why the foundations of physics have not progressed for 40 years math.columbia.edu/~woit/wordpres...

 13  21  78 

 **George Musser** @gmusser · Jan 14 ⋮
 Critiquing the way physics is done is all too easy. Proposing and demonstrating an alternative, not so much. What exactly is the alternative direction that @skdh, @notevenwrong, and other critics are proposing? And have they shown it to be any more productive?

 9  5  8 

 **Jeh Tween** @Tienzen ⋮

Replying to @gmusser @JimBaggott and 2 others

My greatest sympathy and respect to ALL of your struggle on this HEP self-lying. But why should I give a damn on this HEP stupidity? They will be swept into the trash can sooner or later. Now is sooner, see the graph

Calculating Vacuum (wrongly named as Higgs) boson's mass

In G-strings:
 Vacuum boson's mass = {(vacuum energy/2) + (vacuum energy fluctuation, about 1% of eV)}
 = {(246/2) + (246 x 1%)} = {123 + 2.46} = 125.46 (+/- 1) GeV.

G-string beta decay

u(blue) $\begin{bmatrix} 2/3 \\ 0 \\ 0 \end{bmatrix} \rightarrow \begin{bmatrix} 2/3 \\ 0 \\ 0 \end{bmatrix}$ u (blue)

d(-red) $\begin{bmatrix} -1/3 \\ 1/2 \\ 0 \end{bmatrix} \rightarrow \begin{bmatrix} -1/3 \\ 1/2 \\ 0 \end{bmatrix}$ d(-red)

d(-yellow) $\begin{bmatrix} -1/3 \\ 1/2 \\ 1 \end{bmatrix} \rightarrow \begin{bmatrix} -1/3 \\ 1/2 \\ 1 \end{bmatrix}$ d(-yellow)

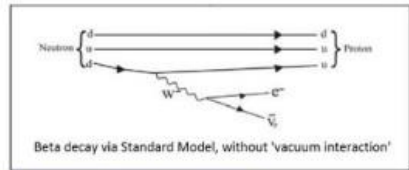
d(-blue) $\begin{bmatrix} -1/3 \\ 1/2 \\ 0 \end{bmatrix} \rightarrow \begin{bmatrix} -1/3 \\ 1/2 \\ 0 \end{bmatrix}$ d(-blue)

u(blue) $\begin{bmatrix} 2/3 \\ 0 \\ 0 \end{bmatrix} \rightarrow \begin{bmatrix} 2/3 \\ 0 \\ 0 \end{bmatrix}$ u(blue)

Step 1: picking up a (d, d) vacuum to form a five quark blob
 Step 2: vacuum transformation [(d, -d) to (u, -u)] via a vacuum boson
 Step 3: exchanging prequarks, W like weak current

See <https://www.linkedin.com/pulse/before-lhc-run-2-begins-enough-jeh-tween-gong>

No way to do such a calculation in the mainstream physics (especially, after the LHC 2016 data; naturalness has failed)



Beta decay via Standard Model, without 'vacuum interaction'

 **Jeh Tween** @Tienzen

11:54 AM · Jan 14, 2020 · Twitter Web App

See <https://twitter.com/Tienzen/status/1217173217179160576>

Even the hardest hard science (physics) must resort to self-lying (the physics-Alpha-lie) to maintain its authority.

But all lies have mortal lives and will definitely die away. The above tweets are my predictions on the inevitable death of the physics-Alpha-lie.

Anyone who ignores (as self-lying) the predictions of this chapter on science and politics will just stay in the dark (dark, dark all the way) while the world moves on (especially on politics).

Again, this analysis is fully based on the TOE principle. The next chapter will go one step further on showing the isomorphism between the Physics-TOE and the Politics-TOE.

While the 2020 Presidential election has shown the ugly side of the American psyche (as pathological liars under the democracy), it also shows that the honesty still beats the wicked with 51% to 47%.

President-elect Joe Biden, speaking after the Electoral College affirmed his election win (on December 14, 2020), said

"It is my sincere hope we never again see anyone subjected to the kind of abuse and threats we saw in this election. It's simply unconscionable. We owe these public servants a debt of gratitude. They didn't seek the spotlight. Our democracy survived because of them which is proof once more that it's every day Americans infused with honor, character and decency that is the heart of this nation."

We still have hope to regain honesty and to defeat the wicked although it is so close to the tipping point. As the 'physics-Alpha-lie' can be evaluated by every 8th grader, we can rebuild our honesty and dignity by denouncing it.

Note 1: By all means, Donald Trump is not a religious person. Then, why are evangelical Christians supporting him?

All the way to Renaissance, the Western society was ruled by Feudalism (the legitimacy comes from the theocracy, the governing power is sacred) and the Christian Churches played a major role.

On the other hand, the governing power of the modern democracy is no longer sacred (based on a Godly morality) but is based on the individual AUTONOMY thesis.

This transformation process begun about 400 years ago.

One, John Locke (1632 - 1704): Two Treatises; clearly separating the realms of Church and State and established the concept of "General Will" from the individual citizen.

Two, Jean-Jacques Rousseau (1712 - 1778): social contract; formally abandoning the nature rights by replacing them with a social contract.

Three, Thomas Paine (1737 - 1809): Common Sense; further denouncing the rights of the Heaven (the dead, the immortals); that is, the secular government is the ruler of this world.

John Locke's idea did not gain much traction in Europe but was picked up by the American Revolutionists. The US Constitution is the FIRST true Social Contract (excluding the Godly/Heavenly influence) in human history. That is, the American democracy officially ended the dominance of the religious political order in the West. That is, it establishes three equations below.

Equation one: The religious freedom = {Christianity is NO BETTER than Buddhism or Islam}, see note 5

Equation two: The Christianity = a marginalized political power

That is, for the American Christians, they are beaten not just once but twice. **The backbone of American democracy is the Wall Street, not the Church Street.**

Worse yet, Friedrich Nietzsche (1844 - 1900) declared {God is dead}.

What does this Nietzsche's declamation mean?

{God is dead} means God was alive before but is now dead.

God might still be alive in Heaven but is now dead on Earth.

That is; all the life-sapping values of traditional (Godly/Heavenly) morality were to be eliminated; formally excludes the religious force from the **secular governance** (the American democracy). In fact, from the two equations above, Nietzsche derived the third equation (his proclamation).

Equation three: Western democracy = {God is dead}

{God is dead} proclaimed by Nietzsche over 120 years ago is not a theological statement but is a political SENTENCE (the verdict): **the democracy in, the Christian Churches out.**

By understanding the above facts and history, it is, now, very clear that Christianity in general (evangelical Christians in particular) is the victim of this American democracy. That is, in the bottom of their hearts, the entire American democracy (the entire government and its governance) is the devil and the American Constitution is the evil; must be eradicated.

Donald Trump by all means is not religious and is an 100% pathological liar, but he (Trump) is the destroyer of this devil (American political institution) and especially the American Constitution (the first true social contract, not based on Godly/Heavenly authority).

That is, no matter how many lies which Trump has said, **Trump is their (the evangelical Christians') only hope and only savior from this evil social contract.**

No, the Trump supporter Christians are not fighting against an election result but want to destroy the evil institution which is not based on the Godly/Heavenly authority.

Note 2: A new computer-generated graph (cartoon, see graph below) by an artist shows the **evil act** of Australian soldiers killing an Afghan child who was holding a sheep.



This artwork is a protest of this true evil from THE conscience of humanity.

Yet, Australian Prime Minister Scott Morrison denounced it when it was used in some tweets. Speaking at a press conference on Monday (Nov 30, 2020), Morrison said that that tweet (the above graph was attached) was “deeply offensive to every Australian,” including those who have served in uniform, ...

Not be shamed about his soldiers' **evil acts** but condemn the artwork, Morrison has revealed his **evil heart**.

Yet, many leaders of Western countries (such as Canada) issued statements immediately to support Morrison's EVIL comment (denouncing a computer cartoon instead of denouncing the evil acts done by Australian soldiers).

This is obvious an Ordaining operation: an EVIL can simply be ordained as goodness. It is also a MASK operation.

In **essence**: a (any) social contract (without the Heavenly morality as the backbone) can ordain all bullcraps (**including all evils**) as righteous and good.

In **implementation**: "right to vote" preempting all true human rights (right to live, to health care, to be free from killing polices, to justices) to be not rights anymore but are the privileges (the **spoils** of the competition).

In **operation**: voting creates two groups; being differentiated (**the have-not**) and the integrator (**the have**); that is, {**American democracy = (of the 1%, by the 1%, and for the 1%)**}. The **have-not** (the 99% of the population) is permanently disenfranchised politically under the name of voting right being equal to every individual while the political power is about the integrating force (measured by \$), that is, one \$ one vote instead of one person one vote.

The consequence: an inevitably divided society and with many inequalities (the evils).

Note 3: Texas' attorney general filed a lawsuit at the Supreme Court to challenge the presidential election results from 4 states (Michigan, Georgia, Wisconsin, and Pennsylvania) while the fraud claims on these 4 states have been thoroughly evaluated by many state courts of those states and many federal courts, and those courts have found that the fraud claims are totally baseless.

This Texas claim was rejected by the Supreme Court on the ground that Texas has no LEGAL standing to challenge the election affairs of other states, not because that it is a baseless lie, and the claimed fraud was rejected by many courts after many thoroughly review processes.

Yet, the KEY point of this baseless claim is that it was supported by another 18 Red states and 126 House Republicans. The total population represented by those (19 states and 126 House Republicans) is over 75 million people.

Furthermore, some of those 126 House Republicans are from those 4 states; that is, they won the election from the systems which they claim to be fraudulent. They enjoy the victory via these fraudulent

systems while denouncing only the result of presidential election (which is on the same ballot) as fraudulent.

That is:

One, over 40% of the Americans do not have any faith in the US court systems (state courts and federal courts).

Two, those House Republicans of those 4 states are self-lying with evil intent.

That is, under the name of POLITICS, all lies and evils can be ordained as right and good. This event shows the true ESSENCE of the Western Democracy with the following equation.

Western Democracy = {lies and evils = politic truths}

Fortunately, the honest people (the 51%) is greater than the dishonest ones (47%).

Note 4: At virtual G-20 summit (chaired by King Salman and attended by the leaders of 19 leading world economies on **11/21/2020**), Trump spoke about the aggressive actions and safety measures the United States took to protect the vulnerable, pioneer groundbreaking treatments, and develop vaccines and therapies at record-setting speed, which will save millions of lives; **while more than 12 million infections and over 26,000 deaths in the US as of that day (Saturday, 11/21/2020).**

Now (December 12, 2020), the Covid deaths per day are over 911's every day, and this is not about mismanagement or failed government but is totally evil.

This is not the heartless and evil of one person but is the subconscious of a society, the direct consequence of a political system (a social contract without the Heavenly Morality as its backbone).

Note 5: What is free or freedom?

Free can be defined in three ways.

One, no external force is forced up IT.

Two, IT cannot exert any force on others.

Three, there is no laws (regulation) to restrain IT.

It is not too difficult to show that these three definitions are mathematically equal.

Yet, what is the expression or manifestation on 'Free' in nature?

One, in quantum mechanics, a particle is 'free (no external force exerts upon it)' can only be found in an infinite potential well (that is, the permanent confinement). Only in an infinite potential well (the permanent confinement), no external force can touch it.

Two, when electrons can move FREELY through a material, it becomes superconducting. This can only happen when a critical temperature (super cold) is reached. This super cold is again is a strong confinement.

Three, when a neutron is bonded in nuclei, it is stable with infinite half-life time. When it loses that bond (confinement), it decays (dies) with a few minutes (about 10 to 15 minutes) half-live time.

The three nature examples above show the following equation.

Equation (Free/life) = total confinement

That is, the bigger the freedom, the stronger confinement is needed.

Then, there is another way to reach freedom, reducing the power of that 'free' particle.

The smaller energy of a particle, the lesser the confinement is needed.

With the 'voting right' as an equal footing, every person (particle) is differentiated into an infinitesimal in comparison to any institution. That is, that person can be set free in these institutions. So,

One, religious freedom: making Christianity is no better than Buddhism or Islam. This becomes the foundation to exclude religions from the secular governing institutions.

Religious freedom = excluded from secular governing institutions.

Two, freedom of speech = excluding all opinions from the executing the governing rules (the result of voting and legislating).

Three, freedom of peaceful protest = excluding any non-peaceful rebel.

The Western democracy used only one right (right to vote) to:

One, kill all nature rights (right to live, with a job, health care, free from the abuse of police, etc.). **Those true (nature) human rights become spoils for the winner.**

Two, as an equal footing to legitimize all oppressions which create inequalities.

Three, painting 'Freedom' as the greatest virtue for humanity via the differentiation of each person to **infinitesimal** particle, to place them in permanent confinement.

**Freedom = {allow the participation but without influence}
= {striping one's energy to infinitesimal}**

= {laws of jungle apply}

Four, {freedom + equal footing} further legitimize the oppressions which create all inequalities.

With the above, the US democracy has transformed the great ghostly (Godly) power into a lying system:
That is:

Theorem one: Western Democracy (Goal/result) = inequalities

= {oppressor of all nature human rights}

= {transforming all nature human rights as spoils for winners}

The US left UN human rights Council in June 2018 as most other nations finally view that the US human right stand is hypocritical. Now, the US state department annual report on human rights is viewed as a comic book by most of the nations, in comparison to over 1,000 police murders a year in the US + all those inequalities (economic, justice, health care, job opportunities, etc.) to her own citizens.

Law 3: inequalities = (chaos + weakling) of a society = downfall

This Trump presidential election fiasco (the monkey play, trying to de-legitimizing the US constitution) of 2020 is just the beginning of this down falling process.

Note 6: Beyond the tribal hierarchy, the modern (last 5 thousand years) human governance has two distinct types.

One, governance is sacred:

- 1) Religious dominance, churches play a big role
- 2) {Mandate of Heaven = people's will}, the {right to rebel/revolution} is the preempting right.

Two, governance is about self-governing {**democracy** = demos (citizen living within a particular city-state) + Kratos (power to rule)}: it has two premises.

- 1) Every citizen has the same ability to govern others
- 2) The chance of ruling over others must be equal and fair

The only way to meet these two premises is via sortition, election by lot.

Sortition minimizes factionalism, since there would be no point making promises to win over key constituencies if one was to be chosen by lot, while elections, by contrast, foster it, as bribery, misinformation and many other improper actions can change the result of an election.

Yet, the most important difference between the sortition and election is that:

- 1) Sortition: every qualified citizen has the EQUAL chance to be selected as a governing official under sortition; every citizen has the right to govern (the other).

2) Election: 99.99% of citizens can only be voters to select a very few others as the governing official under election, every citizen has the right to vote (choosing someone else).

That is, the 'right to vote' does not truly fulfill the definition for democracy. And I have shown so many bad consequences from the 'right to vote' in this chapter.

Today, sortition is only preserved for selecting prospective jurors in common law systems.

This chapter has shown that democracy via 'right to vote' will inevitably lead to inequalities and decaying. On the other hand, sortition can avoid this inevitable fate. We can use the election to select a qualified group for a position and then use sortition to choose the final official.

The democracy via sortition can be equal and fair both in principle and in practice on the premises of self-governing while the democracy via election (right to vote) disfranchises 99.99% of the citizens both in practice and in principle.