

Asymmetric Vulnerabilities of the US and New Capabilities in Geopolitical Warfare, Including Economic, Digital, Cyberspatial, and Lawfare

CREATED FOR THE USE OF THE U.S. MILITARY, THE EXECUTIVE BRANCH, AND THE JOINT CHIEFS OF STAFF

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ABSTRACT

The reality of Unrestricted Warfare - aka Total War - is here. America is already losing this new Cold War. The stated objective in the Chinese Arts of War is to take an enemy whole without sieging or warfare, and to anticipate their strategies. China has made an art and science out of attacking US Military contractors, Pentagon servers, files, and of stealing western corporate intellectual property and trade secrets. The PLA promotes this even while paying for spying on US labs and Universities through its "Confucius Institute" programs. They have been aided by globalist players¹ from the right and left from the time of Nixon through the Obama Administration. Some of this has been innocent naivety, or optimism about China's willingness to democratize and open free markets, but most has been willful ignorance of a sophisticated imperial traditional culture, with both the manpower (and adjacent IQ assets²) and ambition to surpass America and Europe (and Soviet/Russia) to become the hegemon (Ba) of the world. Their stated intents are well publicised and readily available, and have been discussed elsewhere.

In this white paper, the author describes several uncommonly analyzed or completely new means of Weapons of Mass Destruction (WMD) level asymmetric warfare (unorthodox) tactics which can tip the balance of power inexorably away from the US into the hands mostly of China, but also Shari'ists/Jihadists, Communists anywhere, atheistic fascists (and Nazis), conglomerate oligarchs and globalists, and of course anti-American strategic enemies (both ideological and territorial). In general these can be summed up as Asiatic, African, Latin American, Middle Eastern, and Eastern European opponents all of which have no compunction about race or belief, despite our own cultures' belief that leading the way in diversity of race and belief will lead the future. Most of these cultures have [stated and demonstrated] **diametrically opposed views** to the "American Experiment" known as the Declaration of Independence and the Constitution of the Republics in the west³, most chiefly the Constitution of the United States of America. In this paper these concepts and the issues surrounding them are frankly explored.

CONTEXT

In two previous documents the author has discussed WW3.0 - the digital frontier war which acts as a form of "cold war" in anticipation of World War 3.⁴ In one document, measures are recommended in a practical step-driven

¹ The so-called "New World Order": UN, Interpol, IMF, World Bank, WTO, CFR, Bilderberg Group, Trilateral Commission, and a bevy of secret societies, such as the Skull & Bones. Essentially NGO's.

² From the author's own research into IQ (not contained in this document) it is clear that IQ is an asset collected over generations of access *on top* of nascent intelligence. It can be gathered and lost. Historically Chinese Ba (tyrants) spent a lot of time "gathering talent" whereas in the US we provide opportunity for the disenfranchised and anyone interested in a career with the military or intelligence, regardless of race, gender, religion, ethnicity, sexual orientation, or apparently, ideological persuasions. See: Project Veritas' exposure of Socialists working for the IRS and State Department.

By contrast, China has a homogenous society and encourages Han Chinese dominance, and their average IQ is also 8-10 points higher than the United States and Europe.

³ Attempts to integrate these cultures into Europe have created numerous, well-documented security issues and problems, like the burning arson of Notre Dame Cathedral, and many suicide bombings, gang rapes, and riots. People in Europe have become increasingly fed up with the forced diversity program the UN calls "the Great Replacement" but without an armed militia, it is unclear much can be done. Especially as it can be expected that Shari'ists import not only bomb making players but weapons, and have stated many times a desire to "outbreed" native Europeans on their own continent.

⁴ At this time, assumed to be instigated by the main power players, China, Russia, the EU, and the United States, in a sort of modern age of the Warring States period of horizontal and vertical alliances. Other major players or powder keg nations may include India, Pakistan, Iran, North & South Korea, Japan, Taiwan, Australia, Egypt, Israel, Iraq, Saudi Arabia, Venezuela, Cuba, Ukraine, and others. Together these nations all constitute the vast majority of the world population and its geostrategic and economic power

checklist for the securing of personal residential and commercial computers connected to the World Wide Web.⁵ In the next document, a discussion of a detailed method of calculating the “Innate Shi” demonstrated the current strengths and weaknesses of the United States of America.⁶ However, the method has yet to be applied to other nations as a test against general sentiment or military analyses. Regardless, the documents are reactions to **real stimulus** in the current geopolitical and social landscape. In one document, it is the cyber security - or lack thereof - landscape in western culture and American internet which prompts the adjustments.⁷ In the other, the stimulus was retired general Dr. Robert Spalding⁸, his book “Stealth War,” and the discussed topic of “Unrestricted Warfare.”⁹

Separately, a third document by the author, an Art of War based chess book, describes the methods for an alternate style of strategy in chess, based upon the thirty-six stratagems of the Art of War, and the concept of Shi^{10 11} or “positional advantage” as it will be understood in this document.¹²

In discussing the “Art of War,” both in that book, and in general (bingfa¹³), one needs must discuss the Unorthodox 左. In the “Art of War” it is impossible to discuss Chinese strategy without it. Like yin and yang, unorthodox and orthodox methods are not only complementary or necessary, but mutually implied and inseparable. As such, in modern parlance, discussions of asymmetric warfare (ie, unorthodox) are merely responses to changes pushed by the *yangification* of orthodox/symmetric warfare. Specifically: US and Soviet global dominance in nuclear and traditional forms of warfare which *up the ante* and at the same time preclude other alpha techniques. Like a male tiger and male lion in the ring, there is no room for another alpha animal. China seeks therefore to emulate the bear: dominant through internal power and outward docility. This beta tactic has (as has been argued by Dr. Pillsbury et al.) worked to cozen the Soviets and fool the blind, overly optimistic (and greedy) Americans and European counterparts. From all outward appearances it has completely *bamboozled* Africa, Latin America, and southeast Asia.

Though the EU and America vie for currency domination, both represent similar enough forms of capitalism that they are operating under the assumption that everyone else does, too. This may be a racial, cultural, linguistic, or sociopolitical bias, but nevertheless it remains a bias of thought pattern (or paradigm). The fact is that just as Japanese capitalism perplexed, fascinated, and frightened Americans in the 70s and 80s, Chinese communo-capitalism has them thoroughly flummoxed and confused; indeed: mystified as if it follows a separate form of laws of thermodynamics!

resources (including manpower). Therefore, the “Royal Sway” is likely to be found in one of the first four, and possible to be sought or achieved in the latter group. One country not listed, Brazil, is likely to awaken to seek this power in the late 21st century, or the 22nd. Author recommendations for further study include calculating the “Innate Shi” of this list, for comparisons.

⁵ https://www.academia.edu/39505314/21st_Century_Cyber_Security_for_the_Common_Person_or_Business

⁶ Available to Certain members of Congress, the Military, and the Presidency *upon request*. Members viewing this document may find it using this unpublished link: <http://bit.ly/2QFcJbC>

⁷ It is well known that Asian internet users often use their own programs, and exist on websites separated from western websites by cultural barriers, like language and real ones such as the “Great Firewall of China.”

⁸ Retired because of supposed scandals within Dr Spalding’s career and also personal life. However, let it be first noted that Dr. Spalding was to head up US Space Forces program, and was *fully* aware of the China threat. Secondly, the discussion later in this very document of honey-traps and strategically *pushed* evidence, which disable policy change, votes of leadership, or otherwise compromise important people in **key** positions.

<https://www.military.com/daily-news/2018/02/04/general-leave-nsc-after-leak-5g-telecom-memo.html>

⁹ <https://www.c4i.org/unrestricted.pdf>

¹⁰ https://www.academia.edu/40287817/Understanding_Chess_I_The_Art_of_Chess

¹¹ See Also: “*The Propensity of Things*,” by Francois Jullien

¹² As opposed to *strategic configuration of power*, as is typically translated, or momentum, leverage, torque, etc. which are all excellent options, but not as definitely descriptive as *positional advantage*.

¹³ Lit: methods of war

In fact it is neither communist nor capitalist, but **a modern extension of ancient mercantilism nascent to China**. China has always had a version of economic warfare, as well as the earliest versions of spy networks, diplomatic colonialism, foreign aid traps, and many other techniques employed to ensure hegemony or victory on the battlefield.

The goal of these asymmetric techniques has always been to acquire, maintain, and prevent others from attaining, the “Royal Sway.” It is widely acknowledged that since the fall of the USSR that America is the only ba (hegemon) or as we prefer to say “Superpower” in the world, acting as currency regulator, headquarters of the United Nations, home of the World Bank, IMF, and WTO, and leader of nuclear regulations (being also the country that invented and first used the atomic bomb in symmetric warfare).

Naturally, ancient Chinese customs and culture, being highly attuned to this geopolitical reality since the end of the Shang Dynasty¹⁴, would only encourage a stimulated response in China as a rival. Firstly, because this form of warfare is suited to the culture, or perhaps the culture to it. Second because Chinese people are natural merchants and exceptionally gifted with one of the world’s highest IQ averages¹⁵ (and the highest for a large nation) at 104; that is 6 points higher than the average IQ in the United States and 4 points higher than in Britain.¹⁶

However, when the world was more or less in a ‘balanced’ extended state of feudalism¹⁷ (rich and powerful oligarchs and monarchs sitting atop peasantry or aborigines and tribes whose average income was less than a dollar a day, adjusted for deflation¹⁸) and pre-firearms, this presented no challenges to human survival as a whole. But ever since guns, steel, and smallpox met sails and sextons, the situation has rapidly evolved. The ‘haves’ tended to be technologically advanced, economically motivated, higher performance (in GDP) civilizations with penchant for moralistic crusades or zealous systems of belief. Furthermore, as they advanced and predated upon the less advantaged, the gap in IQ, resources, and technology was *matched with economic advantage*. Even the poor and minorities in such countries fare better under the evolving forms of capitalism¹⁹ (and communism) than do feudal, slave, or plunder economies and certainly hunter-gatherer cultures. The fact is that mankind has been extinguishing difference, cultures, languages, and myths of histories which cannot compete with the centrality and attractiveness of materialism, and its freedoms (through sin, avarice, free will, marketshare, and spiritual expression). Those societies perish from a decrease in influx of the youth, as well as conquering by advanced civilizations (for better or worse). The result is that each generation is naturally convinced of the rightness of might, martiality, materialism, dominant languages and religions, and of course technology²⁰.

Under such a development, the emergence of Mutually Assured Destruction (MAD) arrived, unexpectedly, and nearly disastrously.²¹ This signaled to most the need for a de-escalation of Cold War conditions. However, this creates three unique outcomes in the Art of War:

1. A power vacuum - Nature abhors a vacuum, and a power vacuum most of all. Just as a chicken cannot return to an egg, many have argued that warfare can only escalate from this point forward. Thankfully, the prospect of radiation and the shared negative effects of fallout have *convinced most that MAD is not worth the escalation*. Instead, the vacuum appears to be being filled with other ambitions nations.

¹⁴ King Wen, Wu, the Duke of Zhou, and the Taigong overthrew the Tyrant Djou 1046 BC
<https://courses.lumenlearning.com/boundless-worldhistory/chapter/the-zhou-dynasty/>

¹⁵ <http://worldpopulationreview.com/countries/average-iq-by-country>

¹⁶ <https://www.worlddata.info/iq-by-country.php>

¹⁷ Chinese feudalism evolved to imperialism before the life of Christ, while in Europe this did not occur til the late Middle Ages.

¹⁸ <http://www.globalissues.org/article/26/poverty-facts-and-stats>

¹⁹ African-Americans in the US, for example, have a higher average income than not only Africans, but average Europeans in the EU.
<http://bit.ly/2NbbbFJ>

²⁰ If there is any ubiquitous religion it is Authority; but if there is any ubiquitous government it is the Technocracy.

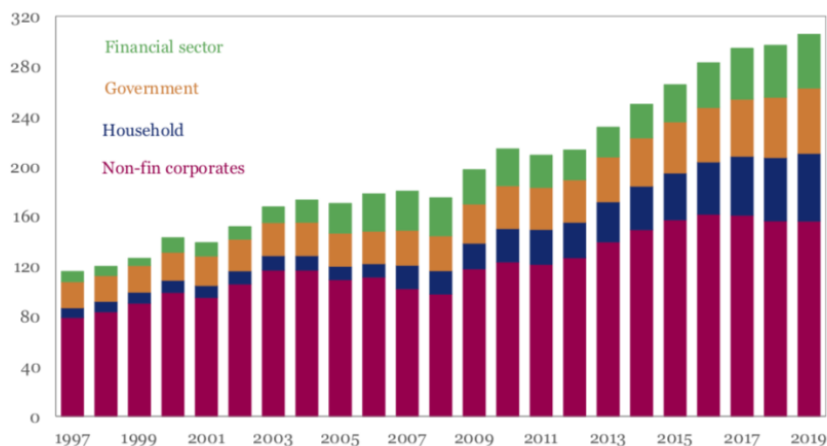
²¹ It remains a threat, and the end of a Cold War could just as easily signify a beginning of a Hot War, in silence. The War on Terror seems statistically likely to produce at least one dirty bomb or nuclear attack, if not more or other forms of weapons of mass destruction such as biochemical warfare.

2. The insidious rise of a *dark horse* candidate to replace the hegemony, in a vie for the “Royal Sway,” which exists, of course, because of globalism and ideals such as one-world-government, or equality-of-outcome, and other generally *utopian non-realities*. These realities market well with certain demographics, and provide cover or plausible deniability for ambitious future monsters, megalomaniacs, and other rose-colored glasses types of leaders. Naturally, they all tend to favor one belief or another, and with religious like zeal **rarely consider how stringently or ardently the other side also believes in their paradigms.**
3. The presence of an evolutionary blockage: by definition a devolution. In this scenario everyone overspends on the same “castle in the sky” fantasy, albeit differently, and because of mutually shared balance sheets and limited resources such as clean water or arable land, the entire species (and many others) suffer. Nature punishes ignorance most of all. In the end a tendency to *react one way* produces a calamitous result when Pandora’s Box is opened and reveals something not really understood by human psychology and perhaps even blocked from us by our biological assumptions (primarily our cortical responses).²²

Now either seems as likely as the other two. However, national security dictates “if there is any doubt, there is no doubt.” This means that the second option as the conservative option, is the one which demands the most immediate mitigation. Of course, this document will mention albeit only briefly, some possibilities for new superweapons to replace the hydrogen bomb and other nuclear deterrents. However, economics being as networked as they are these days are not the most likely of threats to national security. Also, although there is ample evidence of mutual worldwide drain through the introduction of the mad-genius of fractional reserve banking, it is not clear how responsible (morally) the United States is for ensuring that debtor collapse worldwide is prevented, so long as the US remains powerful afterwards. While the results in Zimbabwe and Venezuela caution one against hyperinflation conditions, they don’t frighten us to the same degree as an asteroid or Yellowstone’s super-caldera, because the market buffers somewhat against the former. Contagion remains a threat, however, when discussing the toxic debts of a country like China who is **the world’s second largest economy** by GDP²³, and has a 300+% debt to GDP ratio²⁴! This will be covered later.

In this document, the continuation of the theme of the WW3.0 premise will be continued for several very good reasons, besides the author’s training and obvious biases **for** Chinese thought. First, because China has stated its intentions and made them clear through various means. Second, because the author sees no reason for human nature and biology to change, nor for Chinese culture to stop being driven by its history, nor for all of mankind to suddenly abandon the lessons of the gods in monarchy, dominance, and the use of the sword and language as

China: Total Debt-to-GDP
percent of GDP, Q2 of each year



²² Consider three fires: lithium, gasoline, and the them or use a fire extinguisher. In two cases wat cannot work. In that one case, neither can work: pre-planned for. Fortunately it is a difficult react and ignition begins - or critical mass for Uraniur ride and helpless to end the event. We are horrifi creating such situations. For example, our fascin suspect ourselves of setting up elaborate and cor will dub this not a Dionysian effect but a sort of It no doubt results from our fascination of the co destruction that causes. So, in the end, our inner biochemistry, should make us suspect our *subco*

²³ <http://worldpopulationreview.com/countries/c>

²⁴ <https://www.reuters.com/article/us-china-economy-debt/chinas-debt-tops-300-of-gdp-now-15-of-global-total-iiif-idUSKCN1UD0KD>

weapons. Third, the ignoring of this likely outcome is either going to be due to an amalgam of laziness and laissez-faire attitude, or a boldly nescient idealistic naivety which leads to certain death and destruction. It might well be self-destruction, at the rate our materialism and *obesity grows alongside the drop in education scores*²⁵... or it might be external destruction. But if nature is any indication arrogance precedes the fall. It is extremely arrogant to ignore either nature or history, and it is the **height of hubris to ignore both.**

Credit: OurFiniteWorld

Furthermore, though the fall of a nation or empire it is as of yet unconsummated and therefore to some degree or another preventable. Chinese thinkers have said the fall of the Han could not be stopped, but the Zhou lasted twice as long as the Han, and did not Liu Bei nearly win except for one single act of indiscretion²⁶ and the ignoring of bingfa principles²⁷

Both of these acts and the subsequent downfall of the Han were the result of refusing to stop and ask oneself what the nearest and most likely threat is to be. First it is always *oneself*, and then it is one's nearest enemy. In that order, and forever more this is the key thing to consider. Nearest in a digital age must be considered as "who is number two and badly wants to be number one?" It isn't Mexico, it is China. President Trump has decided to hedge his bets and deal with both, but he also realizes that primarily the threat to America externally will be China. He has no prescription for the internal threat which threatens the independence of the Presidency, and its ability to execute the duties of the office without the influence of leftism or judicial activism. Indeed, even the election process has come under seige! These are no accidents, but part of a well planned and orchestrated scheme, worked by millions of diligent and tireless - and highly intelligent - Chinese officers, which see America's internal weaknesses and seek to exploit them asymmetrically. The fact that they find purchase in so many ready enablers from Hollywood to the halls of Congress and even inside the Pentagon and the intelligence community, is a stark, sad reality, but one which must be dealt with.

Sixty-nine years after the publishing of *The Manchurian Candidate*, many of the lines about the threats of communism are finally coming inexorably to fruition. Yet, the old reactionary white-blood-cell-like response of the McCarthy era has been replaced by a newfound **willful nescience of socialism combined with a reckless regard for inflation**. Inflation is often described as a good thing, or else what is saying, "the dollar is too strong" meant to convey?

Clearly there are some factions, mostly globalist, Islamo-sharian, or corporatist, or communist-socialist, which will utilize fascistic attack vectors²⁸ to bully the populace, corporate media (paid mouthpieces), and policy makers into abandoning American culture and the ideals of the rare and singular Constitution of the United States. It embodies the ideals of the Declaration of Independence and Lockian values²⁹. They do this because a) that is the only way to get people to readily abandon something so good that people literally break into the nation to be a part of it, and b) defeat an armed populace capable of fighting off communist revolution or invasion as per China, Russia, Italy, and Germany. If it were easy to get people to give up freedom of speech, it is far less easy to get them to do it when they can mobilize a militia and resist. This is why the CCP mortally fears not only firearms but even groups such as the Falun Gong or Uighars who may be able to mobilize millions for a single purpose, even without guns, and pose some type of crippling or humiliating threat.³⁰

With all of this in mind, the document moves forward with brief to detailed descriptions of potential unorthodox, asymmetric as-of-yet fantasies of the author which are based upon current Shi (tendencies or momentum) to likely become

²⁵ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3763488/>

²⁶ Attacking south instead of north.

²⁷ Camping beneath a forest in summer-dry season.

²⁸ Newspeak, re-writing history, changing definitions, attacking talking points, projection of their views onto the Other, etc.

²⁹ Invented in response to the desperateness of feudalism and plunder economy, including slavery and indentured servitude.

³⁰ Though, if they legitimize this fear as a convenience for organ tourism, is unclear.

realities in WW3.0 within the next 20 years. Some of them are so profoundly powerful and dangerous that if they are chained together would constitute a threat well beyond a VEI-7 volcanic catastrophe, or a terrorist getting a hold of a nuclear bomb, or a nano-swarm zombie apocalypse. Some would rival an alien overlord invasion for sheer threat to human survival, but are far more likely. Most merely threaten the US, the western, or western culture, as well as the US military and personnel, and of course the unwitting daily civilian and consumer or credit user (such as a bank or business).

All of these are downright un-American, and yet a few should be developed by the United States if for no other reason than to develop immunities and understandings of the threat in a realistic environment beyond a paper, war game, story, etc. If the US government can spend so much time and budget upon psychics^{31 32}, mind control^{33 34}, aliens³⁵, and UFOs^{36 37}, then it should spend some amount of time and effort to seriously simulate and mitigate these realistic techniques. Once this document is leaked, as is inevitable, it may either be too late or it may become useful to America's enemies. If World War I taught us anything it is that even if America is not directly attacked, once enough weak allies of sympathetic cultures are dragged into a dogfight they cannot win, we will reluctantly, and belatedly, get involved. Well, that may be too late, in such a case. Just because the Gulf War was over within a few weeks time, does not mean a Moor-like occupation of 800 years³⁸ is impossible. A 1000 year Fourth Reich may yet remain a secret threat, albeit from a different quarter, or the same quarter in a different form. Discount nothing, and know your opponent and yourself in every battle to achieve 100% victory!

INFRASTRUCTURAL OR PHYSICAL THREAT

Electric Grid Dominance

One of the strangest phenomena in human history is the rapid adoption of electrical power, and subsequent abandonment of its scientific centrality³⁹ and such implicit inclusion into society that people seem to forget it is even there. Literally they take it for granted. But, by definition, electricity *is* power. With electrical knowledge, Tesla was able to predict the remainder of the 20th century in two pages of his autobiography written before the 1920s: the atom bomb and WW2, robots, AI, intercontinental ballistic missiles, nuclear power, automation, the internet or wifi, and even feminism⁴⁰. His ability to do this was either attributable to his documented uncanny clairvoyance, or more likely, a natural *propensity of things* (to borrow the translation of Shi from Jullien) when he peered into the future while considering electrical power. Even before there was an electronics industry, IT/telecommunications field, or a solid model of quantum mechanics Tesla was practicing futurism. Now, the average person cannot describe electricity or how their smartphones or computers and the internet works, but they can use them, or design new technologies using them.

What if this were to change? Seriously consider, reader, what society would be like without light bulbs, internet, telecommunications, and electronics used to run life... for any period of time. It is inconvenient to the point of anxiety and irritation for many, for their phone to be without coverage. In many instances civilized persons will be incapable of social interaction without a digital verse, and many businesses would cease to function at all.

³¹ https://en.wikipedia.org/wiki/Stargate_Project

³² <https://www.cia.gov/library/readingroom/docs/CIA-RDP96-00789R001001420001-3.pdf>

³³ <http://nsarchive.gwu.edu/NSAEBB/NSAEBB122/CIA%20Kubark%201-60.pdf>

³⁴ https://www.cia.gov/library/readingroom/docs/DOC_0000707674.pdf

³⁵ <https://www.space.com/39325-us-government-ufo-program-legacy.html>

³⁶ <https://www.nationalgeographic.com/news/2017/12/pentagon-ufo-search-extraterrestrial-intelligence-life-space-science/>

³⁷ <https://www.nsa.gov/news-features/decclassified-documents/ufo/>

³⁸ <https://www.spanish-fiestas.com/history/moorish-spain/>

³⁹ For a weaker force as a panacea explanation of everything, ie Gravity

⁴⁰ "My Inventions," N. Tesla, 1919

Most people are trending away from cash and coin and towards digital payment systems, unwise as this is in terms of freedom and security⁴¹. If this were a disrupted trend, the economic impact probably could not be calculated. On the one hand the markets could not immediately crash, which is the good news. On the other hand, when they came back online the effect on the downside would be tremendous due to volatility, if not immediate volume driven selloffs. Small changes have been shown to presage a bearish and cynical decision making complex in people (biology again)⁴².



Credit: SightLogix.com

So how would this be accomplished? In the majority of movies and probably analyses, there are complex schema involving hacking power stations⁴³, perhaps to disrupt lights or turn off power stations. But it surprises the author to see that there are not simpler, traditional warfare means described (or in one case, an asymmetric method in the next section). Yet this remains asymmetric itself in that it is never done, not systematically or scaled.

The simple answer is to **target transformers**. In particular, power substations and junctions, major confluence points of three phase power systems as they are in the deserts, plains, mountains, or other remote and indefensible positions, away from populations and security, and of course neighborhood transformers (under the guise of electrical repair servicemen). These transformers are full of oil or other combustibles, and are rarely if ever, guarded - especially at night. They can and should be targeted simultaneously.

In 2019 President Donald J. Trump declined to launch a strike back upon Iran due to the nature of the plans proposed included potential hundreds dead due to missile strike⁴⁴. This was a non-retaliation to a definite cost of an unmanned drone (a small expense for the US Military, but not exactly cheap). This signaled a weakness in the Pentagon's thinking for presenting a plan that even cost a single life in a direct military strike, and in the President for not retaliating at all⁴⁵. While it is true that Iran was likely baiting the US into a diplomatically unfavorable set of "optics," it could be argued that in the Middle East doing nothing was worse optics. It led to an expansion in Iranian plans and eventually an attack upon the US embassy in Iraq, on December 31, 2019.

A targeted surgical strike of half acre or one and two acre substations at night with no one around, of perhaps ten to twenty such stations, would effectively cripple Iran for little direct human toll. Hospitals run on alternate generators, so if done according to the weather and temperatures to avoid heat-waves or freezing, the nation can be sent a stern warning message. The cost to them economically, and in development time, and in replacement costs, can be useful as a message or strategic value. But no one is surgically striking power stations, most likely because they are either forgotten

⁴¹ Much of the evidence suggests that current systems are exposed to Chinese Big Data analytics and attempts to control world populations, especially though 5G

⁴² <https://www.verywellmind.com/negative-bias-4589618>

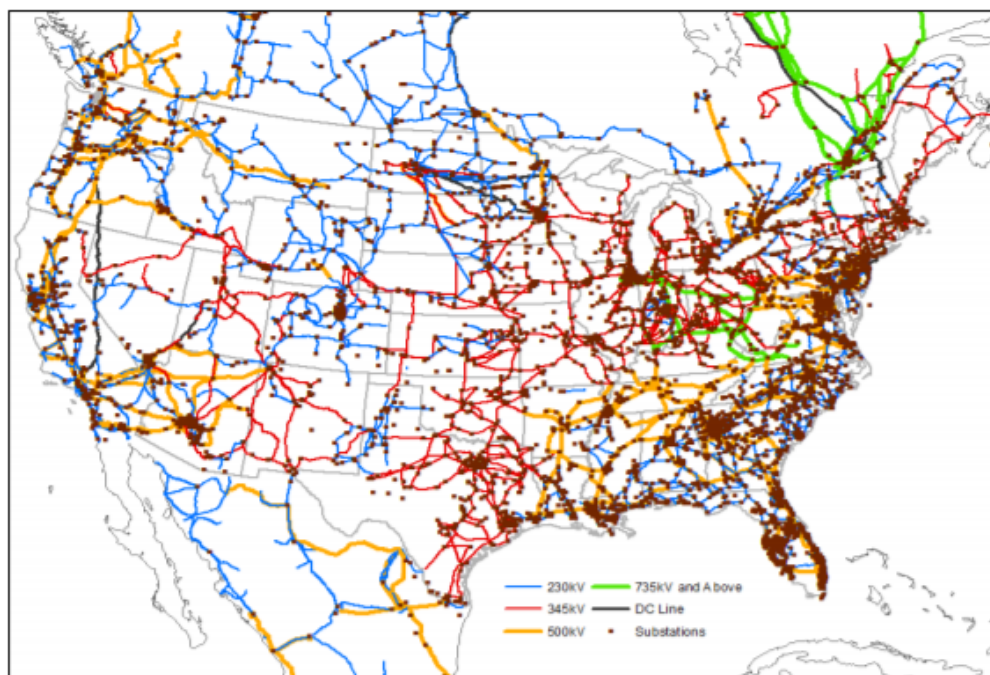
⁴³ <https://www.sans.org/reading-room/whitepapers/hackers/hackers-turn-lights-off-vulnerability-power-grid-electronic-attack-606>

⁴⁴ <https://www.nytimes.com/2019/06/20/world/middleeast/iran-us-drone.html>

⁴⁵ Within days of writing this sentence, President Trump literally authorized a reprisal strike against Iranian General Solimani.

(overlooked) or viewed in the same way as piping and bridges: expensive replacements. However, this is incorrect thinking. Water and transportation are important, but can be obtained even if Iran or another nation is slowed to a Dark Ages crawl. Water systems are also crucial to lifelines and provide terrible optics. But as the west invented electrical grids, there is nothing guaranteeing other nations the right to obtain western standards of living and core systems of survival and power. It is a privilege which is granted. It can therefore be revoked. That sounds like a stark or brutal reality, but let's be clear: electrical power, computing, and many other things, even science are cultural products of the west. They are not necessarily human rights, so no conventions can say that having working electric light bulbs is a guaranteed right. Rather, it is a legitimate removal of power in any enemy that shows a general disregard for mutually agree worldwide standards of behavior (like Geneva conventions on concentration camps, etc.)

As for how effective can such a surgical strike be, consider the New York blackout which proved they can go for hours. Possibly, with a well planned strike it can last for days, or weeks, or months. However they could also be temporary punishments. Consider also that aid could be provided to the very same nation, and then newer (and backdoor infected) equipment can be provided. Obviously the original attack would need to be covered and unknown. But regardless, all of America's enemies will be susceptible to this type of attack for the simple reason that three phase power works the same way **everywhere**.



Credit: MinMaxTech.com

Likewise the United States is shockingly, crucially, *devastatingly* vulnerable to this type of attack. While we do keep alternate materials and replacements, have excellent post-emergency and storm mobile utility repair teams, and a robust FEMA response protocol, the fact is that a well orchestrated asymmetric attack to 10-20% of grid nodes would be more than a little inconvenient. While in Iran or some other extreme environments an ill-timed attack would lead to potential

devastation of the population through exposure to weather conditions, the US rarely has such extreme conditions (save Alaska, or mountainous regions, or deep in the southwest desert regions). Instead, it is the harm to the economy which must be considered. Of course, the enemy will seek to use extreme or inconvenient timing (such as Christmas, New Year's July 4th, etc.) It is unthinkable that alternate power generation, self-powering grid systems and redundancies are not currently forcibly installed and included in building and mortgage costs, with depreciation and amortization incentives, or outright subsidies for commercial and residential developers, and homeowners. This is backwards thinking: weakness and vulnerability.

Similarly in the world, there is incredible, almost shockingly easy to reach, exposures to terrorism and special project operations (from the CIA or an embedded cell). Many residential, commercial, and industrial sectors run precipitously off of the same grids. It is true that camera systems are being increased and will dissuade many attacks, but

many camera systems in the US are not smart systems, or are too outdated to be useful as prevention systems. At some point, an asymmetric attack which rips through enough grid nodes, will create a critical mass meltdown like effect where EMS and police services are too overwhelmed to deal with the security and investigations end (say against a terror cell, specops team etc.)

Is it unthinkable that the Chinese could not afford to train 1,000 “immigrant” mercenary-spies which link up once they are in the US and plan out (completely on paper, and individually) a complex grid-node asymmetric attack that varies from small transformers in key sections of key cities and traffic junctions to substations to large power junctions in remote locales? After all, to find a junction any power line can be followed back to a substation and beyond.

Many people fear survival situations because they fear the lack of food and water. Setting water aside, food is a simple issue: animals are creatures of habit. If you follow a series of tracks long enough, the animals will teach one where is water, where is shelter, where is home, and what the pattern of use is. Eventually, this leads to a natural decision of where to place a trap. Similarly, electrical and IT grids leave clues of connection, and simply have to be followed. At this time jihadists focus on terror vis-a-vis public suicide bombing demonstrations. This is a marketing affair to attract wannabe murderers and extremists. But when they graduate their techniques to more wide attacks, thinking larger and closer to 9/11 in marketable effect, they will figure out ways to attack vulnerable infrastructure. There is no more crucial system of infrastructure to protect the way of civilized life in the 21st century than electricity. That will not change, especially as vehicles go electric over gas, and as batteries fail to grow in storage at the pace that modern power needs demand.

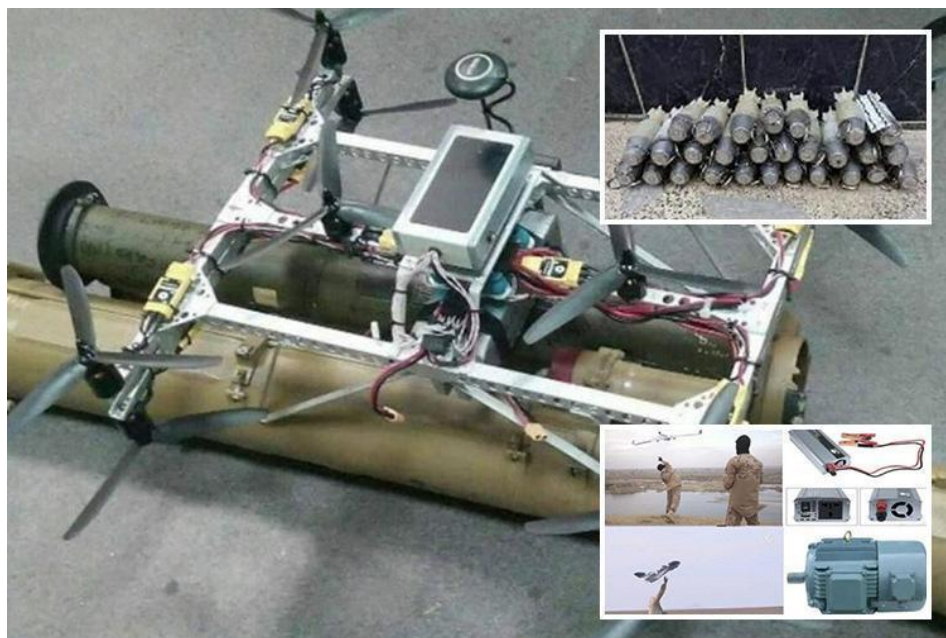
Thermite Drones

One of the best asymmetric attacks that present an option for small-time cells, and which is obviously far cheaper than missile strikes, is drone bombing or “mobile grenades.” Unlike the RC car bomb, the drone solves a number of problems vis-a-vis going over fences, walls, ceilings or roofs, etc.

Typically what is discussed in movies, text, reports etc. are standard plastic explosives, or fuel combustibles. Of course these are natural threats.

“Angel Has Fallen”⁴⁶ proposed that a presidential assassination could be staged with almost unstoppable effect if enough drones were programmed to hunt.

This is sensational, but actually anyone purchasing that many drones and having certain network connections and traceable accounts and histories is likely to be dissuaded from plastique and drone purchases en masse. Cells are not typically patient enough to stockpile for ten years or more. Rather, to make their impact pertinent and fast, a savvy unit is more likely to load a highly stable and cheap material, with unstoppable effects onto Amazon-style delivery payloads: thermite.



⁴⁶ Directed by R.R. Waugh, 2019

Thermite requires only three materials, which means only three sources needed (say, Alibaba, Amazon, and eBay): rust, aluminum, and magnesium ribbons (or similar trigger). With a small amount of electronics engineering a drone can easily be rigged to ignite the ribbon to ignite the payload with almost certain success. The delivery of payload can be extended now to many miles for very reasonable fees of slightly more expensive drones.

There are many excellent targets for these payloads:

- Power substations and transformers
- Hospital HVAC
- Select traffic control units
- Dam or other control units
- Large and expensive servos, such as drawbridges
- Public elevator units or tram cars, lifts, etc.
- Fuel tanks and storages
- Refineries
- Train engines of select fleets of companies (for example if China wished to target a certain shipping company in a hostile takeover bid)
- Cloud server units or HVAC for large distributive networking centers
- Museum security units
- Grain, fireworks, wax, oil, or other combustible factories and warehouses
- Etc.

Again, many excellent terrorist hacks such as this already exist in the Terrorist Handbook⁴⁷, which has been available on the internet for decades. However, the difference is that these drones are achieving wide acceptance and increasing strength, range, and marketability. A homemade sniper rifle and silencer will achieve no notoriety beyond a single wacko shooter looking for a suicide-by-cop death and a hate filled rampage. But an online streamed attack with a separate pre-set distribution of wide angle streamed footage of a dam bursting, or a factory exploding, is highly marketable. A terror cell could place its services and capabilities on the Dark Web for sale to the highest bidder, and a country such as China or Afghanistan or Iran could purchase these services via crypto-coin with no traceability. The terror cell gets credit for attacking the “Great Satan” and the purchaser weakens America’s Shi (or whichever ‘hegemon’ that comes under attack.)

This is not only asymmetric, it is a natural extension of the darker forms of unchecked capitalism. It could extend into the corporatocracy in forms of corporate espionage. Consider highly competitive RFP bids for extensive government contracts. If a certain new submarine frightens China, they or a state-owned corporation can hire a merc cell to deliver a payload of thermite, or even simply a tracking implant, to the hull of the dry docked submarine (or any vessel), and for a minimal price in the low millions do what it would take the US hundreds of millions to billions of dollars to do. At this time the author can think of no defenses for this asymmetric attack.

⁴⁷ <http://www.dvc.org.uk/cygnet/tthb.pdf>

Highway Terrorism

There is no doubt that there have been many predictive analytics of terrorist attacks on or via highway and transportation systems^{48 49 50 51}. However, the author doubts very much that they have been taken seriously enough. There are numerous ways in which highways can be used to commit serious terrorist attacks, or to cripple the economy. For instance, along I-64 at the border between Kentucky and West Virginia, the bridge passes directly over or in-between the [formerly] Ashland refinery. This presents a serious potential target of RPG or drone-delivered payload attack, with easy transportation or escape via several routes on either side of the border. Industrial espionage-terrorism opportunities exist in several manifold locations scattered throughout the United States. Some of these installations are military targets. Again in an example from the Kentucky region both Fort Knox and the chemical weapons depot at the Bluegrass Army Depot which stores [still] highly dangerous chemicals. Thankfully the chemical storage facilities are not readily accessible to RPG or other launch capabilities. However, like many bases, it is surrounded on many sides by highways, making it like an island of vulnerability.



There's an ease and convenience of having military installations near to highways, but similarly there is also an ease of vulnerability to spying or terrorist attack. This is far less likely in a past time of relatively little diversity. However, with an increase of homegrown terrorism and of massive amounts of immigration, both illegal and legal but unverified (as there have been many documented cases of "refugees"⁵² who have links to ISIS and other networks⁵³), it can only be expected that at some point pss by terrorism will become a serious potential, and military and commerical targets may become real vulnerabilities for the United States and NATO allies.

The solution is a slow rollback of these locations in exchange for more remote locations, and a return to base towns, custom built for recruited populations, rather than bases near to large population centers. Of course if the base is very large then new highways get introduced and this re-introduces the problem. It may be that automated and remote (and very well camouflaged or underground) bases are the best future. Perhaps the US Military has already adopted this, as much as is reasonable, probably in anticipation of Pearl Harbor type events which large bases might invite. But just as well, if the US military had 10,000 small, semi-automated bases which can sever hard-line internet connections in the event of hacker attack, than 100 very bases which are all intricately wired together in an impossible to defend way.

⁴⁸ <https://best.umd.edu/risk-analysis-for-explosive-attacks-on-highway-bridges/>

⁴⁹ <https://www.fhwa.dot.gov/bridge/security/brp.pdf>

⁵⁰

<https://www.dni.gov/files/NCTC/documents/jcat/firstresponderstoolbox/58s---Terrorism-Planning-and-Incident-Response-Considerations-for-Bridges-survey.pdf>

⁵¹ https://www.un.org/sc/ctc/wp-content/uploads/2019/01/Compendium_of_Good_Practices_Compressed.pdf

⁵² <https://abcnews.go.com/Politics/feds-arrest-syrian-refugee-accused-plotting-terrorist-attack/story?id=63819722>

⁵³

<https://foreignpolicy.com/2019/07/29/in-overflowing-syrian-refugee-camps-extremism-takes-root-syria-bashar-assad-islamic-state-isis/>

Natural Gas Sabotage

Natural gas pipelines are, of course, well known terrorist targets⁵⁴. Usually larger pipelines or refineries are of concern. Of course the main security are fences or cameras, if the pipe is not buried. But not only are not every pipe buried, but in all seriousness, major numbers of gas meters are publicly exposed on **almost every** residential and commercial building, including industrial warehousing, factories, etc. This is incredibly foolish, whether it is in the United States or not. As criminal ratios increase, or automated drone attacks are symmetrically designed to commit asymmetric attacks (think seemingly randomized explosions which are chosen at a ratio or strategically placed nodes, etc.) it is likely that this tactic can or may be used by cells looking for a strategic advantage. Creating fear, confusion, and most importantly overwhelming EMS services in weak areas (bankrupt cities, or dense downtowns) is to be expected.

Also natural gas lines provide compound opportunities for ripping experiments which can demolish roads, buildings, and cause death and injury to dozens or hundreds of people.

The solution, of course, is to start burying old meter systems and replace the outdoor meters with smart, secure systems. These need to be pure meter systems that have no ability to be turned from a hack into a sparking mechanism. There is also the additional benefit of detecting leaks, carbon monoxide, and tampering by customers or terrorists and criminals.



Credit: WestGrove Ed⁵⁵

Traffic Drain

Continuing in the vein of sabotage and public accessibility, there are necessary tough discussions of America's traffic vulnerabilities. The vulnerabilities are not decreasing but increasing at a geometric rate due to the following variables:

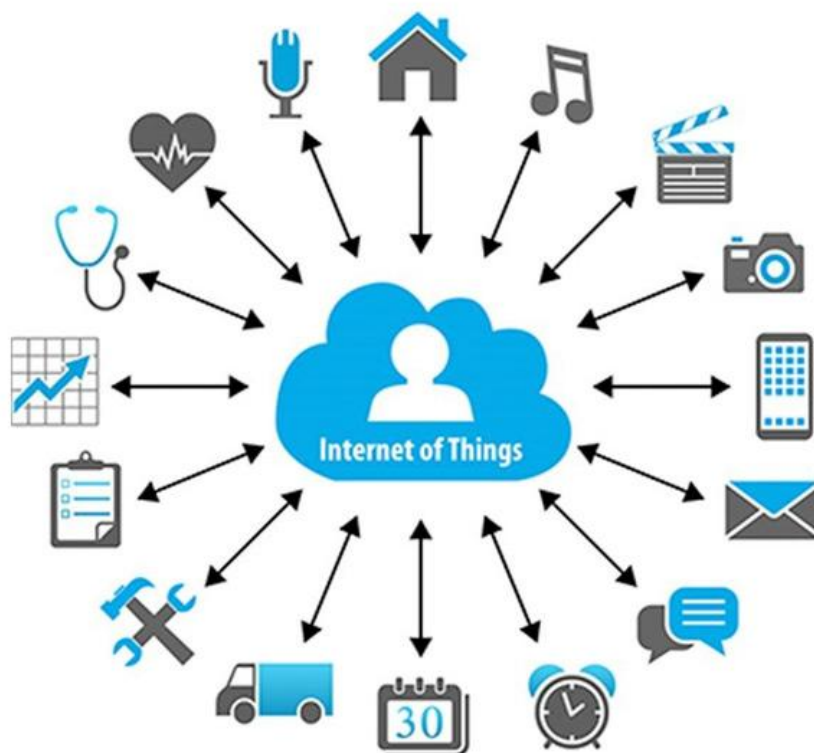
- Smart cars (Internet of Things)
- AI in cars
- Self-driving cars
- Hydrogen and hybrid fuel cars
- Electric Cars and Trucks
- Digital Trucking
- Congested freeways

These types of variables make for alterations from the norm or typical commute and typical expectations. As such this presents *multiple* opportunities for militaristic incursion *or* terroristic (or criminal) insurgency. For example, self driving cars already represent potential RC car like ability to deliver (if cars are altered or converted to remote controlled)

⁵⁴ <https://fas.org/sgp/crs/homesec/IN11060.pdf>

⁵⁵ Note the ease with which every home and commercial property in America provides access to natural gas resources. They could be tapped, syphoned (under disguise of a utility company) and made into an instant mass explosive, within 30 minutes of work. In many cases, canisters of kerosene are sold out of doors at big chain stores. These are all 'ready made' explosives.

large, explosive payloads. However, if you combine the self-driving aspect with the Internet of Things, you introduce a new asymmetric variable which needs no explosives: **havoc terror**⁵⁶. Randomized or select targeted leaders that appear unrelated at first, but perform some type of strategic function in defense of the US or its offense. As for havoc terror, the value of that as a distraction for another type of attack presents a rather interesting form of unorthodox opportunity. Also, the use for lawsuit warfare - **lawfare** - in corporate sabotage cases, with merely highly suspect factors or circumstantial evidence, is really disturbing.



Credit: JustCreative.com⁵⁷

The AI aspect, both as a program to be hacked or assaulted (via another AI, perhaps), as well as the training of vicious AI to assault a traffic grid, or a particular model of car or a fleet of trucks, or trains, is so tantalizing from a military perspective, it would be incredibly surprising if the backdoors for these attacks are not already being added to software and vehicles not made in the US (and maybe those made here as well). The fact is that artificial intelligence represents the new software frontier, and it isn't really understood what this will presage⁵⁸. But considering the deaths from electric car fires⁵⁹ and self-driving cars⁶⁰: can it be absolutely proven with 100% certainty that these were pure accidents or the results of poor engineering or bugs, and a 0% chance of terrorism, criminal espionage, or assassin programs? It cannot no matter whatsoever Tesla and other companies have stated about their security. As the Internet of

⁵⁶ Literally the terrorist activity of creating havoc, to disperse order, create stampedes or riots, random death, and weaken public cohesion.

⁵⁷ This is a naive, non-military or security person's vision of how the world of connectivity makes things better. A utopian ideal. Replace the words with "Vulnerability" and it is more accurate.

⁵⁸ Ie, an AI overlord and cyborg battle, or merely a kleptocracy controlling software for asymmetric economic benefit, or variations of these dystopian themes. None of them are particularly considered positive.

⁵⁹ <https://www.businessinsider.com/tesla-facing-scrutiny-for-car-fires-but-more-ice-fires-2019-5>

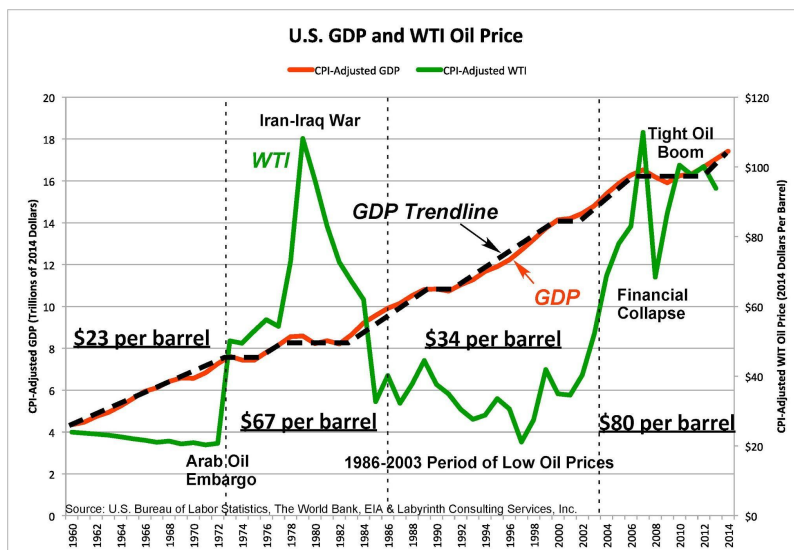
⁶⁰ https://en.wikipedia.org/wiki/List_of_self-driving_car_fatalities

Things more or less requires 5G networks going forward, and chips manufactured around the world, and China seeks to dominate the 5G network and internet, can anyone really suggest that the new automotive revolution isn't already deeply exposed and flawed to serious ramifications and potential asymmetric warfare opportunities?

When you add the aspects of logistics and economics, or of **combustibles**, or mobile ground-missiles for assassination or terror, it is actually a bit shocking to think how much we take our current traffic culture and gasoline and diesel based fleets for granted, in terms of both simplicity and low tech independence. In fact, other than killing onboard computers in gas powered cars, it is relatively difficult to cause real havoc with a gas power car. This past weekend the author took his son to go carts, and the entire indoor fleet of carts were electric and controlled with hand held devices by teenagers working the facility. At a mere flick of a switch, or the introduction of an unexpected safety variable, the *entire fleet* would grind to a halt in mid race. At any moment if they so choose, while one was in motion, they could simply end one's progress, no warning, and that resulted in *essentially no progress*. If such a device is commercially available, and app-based, it can be adopted to a form of weapon, or a similar one engineered.

There is one other form of drain that has perhaps not been considered, therefore, by anyone: **traffic seepage**. Literally, the undetected systematic slowdown of our traffic and trucking, trains and delays of airplanes, which would cost the taxpayer and national GDP potentially billions of dollars a year with only a small amount of drain, slowly increased. By interfering with traffic patterns, one can create a chronic form of gridlock which - as an enemy of America would hope - goes undetected until it reaches well into the trillions in economic costs. No accidents, no explosions, no immediate threat: just good ole fashioned asymmetric economic warfare, not that much different than prescriptions in the Art of War to drain the enemy by injuring enemy soldiers, rather than killing them.

What the 1970s oil embargo did in bringing America and the west to a crippling shortage could be done, in theory, without rationing fuel or shortening it, under an electronically driven society. First, take control of a network, which could reach into smart cars or a fleet of specific cars with an engineered flaw (a backdoor or a poorly chosen protocol, etc.) then take control of a population.



Credit: Forbes⁶¹

Megatsunami safety, threat, and evacuation

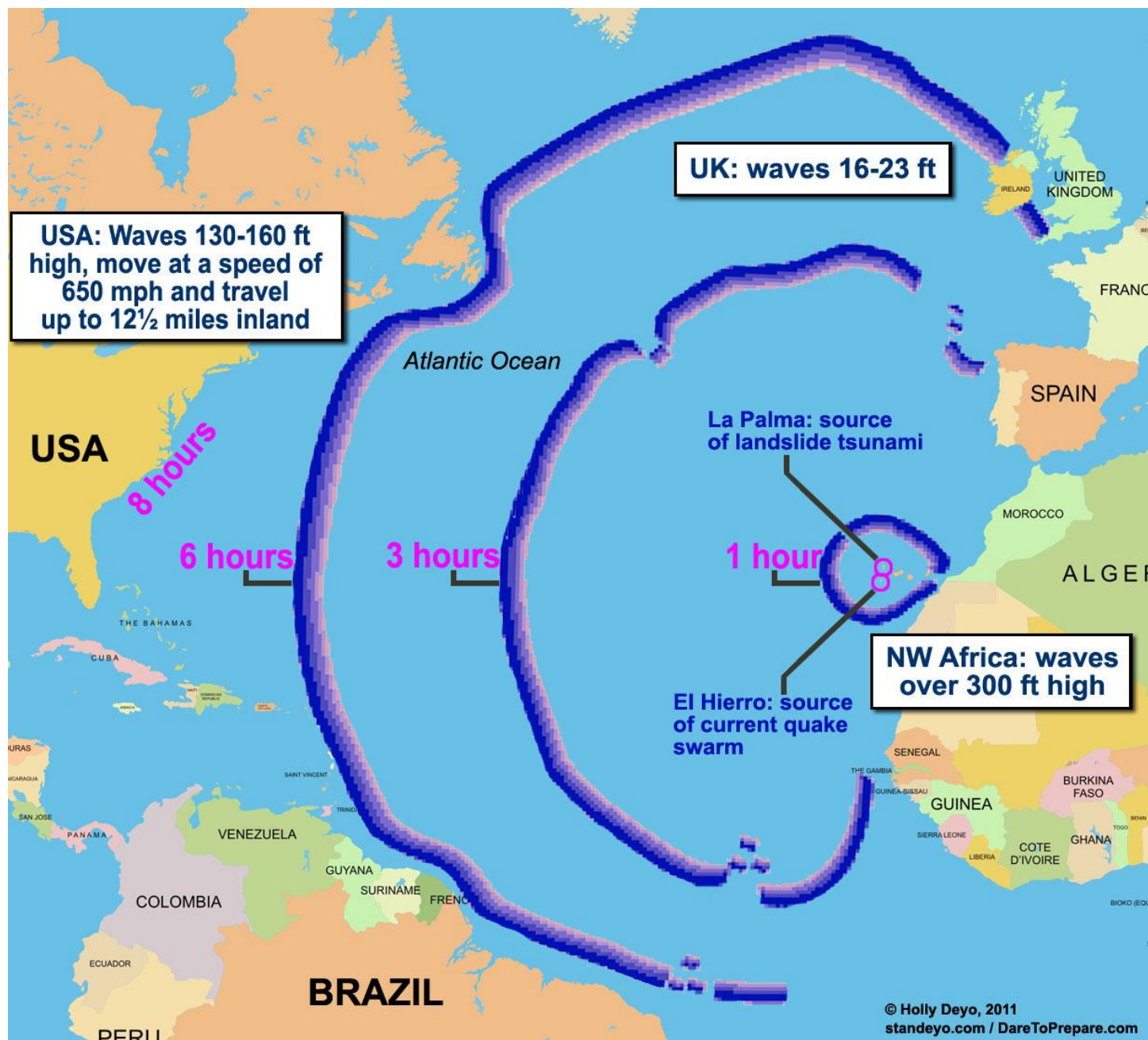
On a completely different level of threat, a serious discussion needs to be had regarding the likelihood of megatsunami attack, instigated by use of the volcanic islands, or more likely implanted nuclear or ordinance devices on the seabed to cause an underwater landslide. The concept has been discussed before, but unfortunately, early committees decided that the Soviet threat of the latter was unlikely, because they had little imagination to the degree of stealth with technology could afford in the future.⁶² By the very definition, unknown technology developments would be expectedly undetectable. So how can any predictive analysis be expected to render the threat unlikely? Now that China has embraced

⁶¹ Look at the flat-lined GDP

<https://www.forbes.com/sites/arthurberman/2015/10/18/the-problem-with-oil-prices-is-that-they-are-not-low-enough/#3b368ec57184>

⁶² https://www.cia.gov/library/readingroom/docs/DOC_0001211143.pdf

submarine naval strength, and shown a desire to cripple American capabilities in the Pacific, how can it be surmised that they have completely no intention nor ability to implant WMDs on the seabed not for attacking our fleets, but an even *more intense attack*?



Credit: Eze⁶³; Ward/Day⁶⁴

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<https://www.semanticscholar.org/paper/Prediction-of-Tele-Tsunami-from-Canary-Island-on-Eze/642e5f3f801fb275f91ed45adf73b25d46a91ab6>

64

<https://www.semanticscholar.org/paper/Cumbre-Vieja-Volcano-Potential-collapse-and-tsunami-Ward-Day/1fe8fe3062db05e12e29b9e7a8b2fbd43007dbd9>

In fact the entirety of the ocean of volcanic, landslide prone islands is a threat to any country with a coast, and the potential for tsunami and megatsunami catastrophe. By definition these represent level 2 to 4 catastrophes⁶⁵. However, considering the potential for economic crash, and coastal attack of Washington DC, Baltimore, Manhattan, and Philadelphia, as well as many other cities, a megatsunami could be considered a level 5 catastrophe with human economic devastation spreading through contagion of default and currency inflation to weak parts of America and to weaker countries (economically speaking). Therefore the La Palma Island and other similar chains represent the **most serious singular infrastructure threat** - from humans - on the planet, at this time. First of all they represent an initial impact threat, which on the east coast could destroy the lives and livelihoods of dozens of millions of people in the US alone. In the Pacific, a megatsunami could endanger the lives of hundreds of millions to billions of people! What is the purpose of Chinese land reclamation projects? Is it to extend their naval territory closer and closer to Taiwan, or to provide against (or to create a) tsunami threat⁶⁶ - or both?

Secondly, it represents - with even minor levels of flooding - massive economic loss and insurance costs. Apocalyptic threats for major sectors of the US and allied economies are made weaker through globalism rather than currency and market diversification. As a proponent of economic individualistic consolidation, the author understands the strength presented by consolidation. Yet it remains true that eliminating diversity in the market and then tying financial markets and currencies together, with leveraged instruments such as futures, junk bonds, or CDO's does not make much sense from a strategy standpoint.

Then there is the human cost. Humans are resilient, and can easily rebuild after such a disaster. But the effect upon crime levels, confidence, and the introduction of a *power vacuum*⁶⁷ in control and direction of the world power balance is likely to lead to both economic and development depressions, which could last for 50 - 100 years and set places like Africa or South America back 200 years in human progress. Terrorists and ideological demagogues do not care about the middle class, or non-profit philanthropy, or priceless art in museums on the east coast. All they care about is inflicting death and destruction to proposed enemies of their ism. ISIS/ISIL is well known to execute other muslims, or handicapped or minority members of their areas... how much less will they care about the United States and her People? How much less even than countries which have "no strategic value" such as some small pacific island country or an African nation, or upper Siberia?

There are other infrastructure asymmetric threats and capabilities the US itself can exploit, but many focus on obscure concepts that are almost unthinkable that America's enemies could actually set up the logistics to enable - such as asphalt explosives⁶⁸. But the author encourages that the Pentagon, DHS, DOI, Secret Service, and DIA implement studies into asymmetric attacks and vulnerabilities which are *not often thought about, in the context of a 21st or 22nd century*.

More importantly, the United States must **develop plans for rapidly moving as many people on the east coast to 2000+ feet elevation** within a five to six hour window, and enhance tsunami detection in the Atlantic. This is critical, while doing it for the Gulf, Pacific, and even Arctic is merely urgent. It should also consider a plan for dismantling La Palma Island, systematically.

⁶⁵

https://www.academia.edu/38560727/Birkeland_Polyphase_Superweb_A_Proposition_for_the_Future_Betterment_of_Mankind_global_defense_interconnection_and_unlimited_power

⁶⁶ Michael Crichton covers the possibility of severe eco-terrorism via tsunami in "State of Fear," which the author recommends to review for potential methods outside nuclear implanation.

⁶⁷ Issues pertaining to the *Axioms of Power* are covered by the author here, <http://bit.ly/30oV4cJ>

⁶⁸ <https://www.cdc.gov/niosh/mining/userfiles/works/pdfs/itass.pdf>

DIGITAL AND CYBERSPATIAL THREATS

Much of the following section qualifies, currently, as science fiction. However, smart phones, self-driving vehicles, stealth bombers, and ICBMs (and anti-ICBMs) all were exactly this at the time of Nikola Tesla, and yet remain facts of our world to this day. To say nothing of cloning, or controlling mice with computers wired into their brains. So the author craves the indulgence of the reader to open their mind and not pull a Gates and proclaim the Internet was a fad and that no one would ever need megabytes of memory! We cannot, in our present state, realistically model or imagine what is likely. Futurism is notoriously difficult⁶⁹. By definition the ideas of science fiction are always revolution and evolutionary. But it may be interesting to note the Chinese created one of the best pseudo-sciences in futurism, which has yielded some value in military application called “date selection.”⁷⁰ The US Military should consider a research project to look at the relation of this schemata to solar forcing trends and voltage and current solar field values (the sun has a rotational pulse⁷¹).

AlphaGo/AlphaZero A.I. + Quantum Supremacy (AIQS)

Of all the science fiction threats which exist, this one is most at our threshold, probably *in play at the moment* with a planned product launch in China vis-a-vis the Social Credit system and Google’s Dragonfly⁷². Google was caught and had to bury their Dragonfly project⁷³ after they suspiciously canceled their Pentagon contract work⁷⁴, just after the Obama Presidency (which itself engaged in several instances of Deep State sanctioned Sedition programs⁷⁵, and enabling of China sympathizing socialists⁷⁶) and the now-exposed scandals of the Clintons⁷⁷ and former Vice President Joe Biden⁷⁸.

Meanwhile, however, another set of events went completely unnoticed by regulators and major comment in the media, because of the seeming innocuous nature of the threat. Probably **never before has a force or WMD been developed so publicly**, and with so little fear on the part of all parties involved, from developers to player-testers, to executives. When Google was set in motion to create an AI to beat Stockfish program at chess, as well as the best grandmasters, no one ever suspected a potential, even likely **second motivation**.

The author can say that the program plays exactly as the “Art of War” predicts chess should be played, only the author is unable to play this way to the complete *commitment* and flawlessness, with which a computer is capable. The AlphaZero engine is able to call long term sacrifices, without anxiety of asymmetric losses, in order to forestall impatience for **material loss**⁷⁹ to get long term winning positions, in a way that object oriented algorithmic engines like

⁶⁹ https://www.academia.edu/32178724/Futurism_in_China.pdf

⁷⁰ “Qi men dun jia” <https://www.amazon.com/Men-Date-Time-Activity-Selection/dp/9670310679>

⁷¹ Parker Spiral eg. http://iswa.gsfc.nasa.gov/downloads/20120119_183400_anim.tim-den.gif

⁷² You have to be pretty naive to not think that China hacked into Google and obtained its beta copy and has modified it since. [https://en.wikipedia.org/wiki/Dragonfly_\(search_engine\)](https://en.wikipedia.org/wiki/Dragonfly_(search_engine))

⁷³ <https://www.forbes.com/sites/jeanbaptiste/2019/07/19/confirmed-google-terminated-project-dragonfly-its-censored-chinese-search-engine/>

⁷⁴ <https://www.washingtonpost.com/news/the-switch/wp/2018/06/01/google-to-drop-pentagon-ai-contract-after-employees-called-it-the-business-of-war/>

⁷⁵ <https://www.bostonglobe.com/news/nation/2018/05/04/kerry-quietly-seeking-salvage-iran-deal-helped-craft/2fTkGON7xvaNbO0YbH ECUL/story.html> (remember John Kerry is a card carrying member of the Skull & Bones society as well)

⁷⁶ <https://newpol.org/how-should-the-u-s-left-think-about-china/>

⁷⁷ UraniumOne, Benghazi, Clinton Kill List, the dead server IT men, connections to Jeffrey Epstein, etc.

⁷⁸ <https://www.businessinsider.com/hunter-biden-china-business-connections-everything-we-know-2019-10>

⁷⁹ The equivalent of loss of people, buildings, bases, tanks, etc.

Stockfish cannot. And of course, without the mistakes a human makes; even a 3000+ GM⁸⁰.

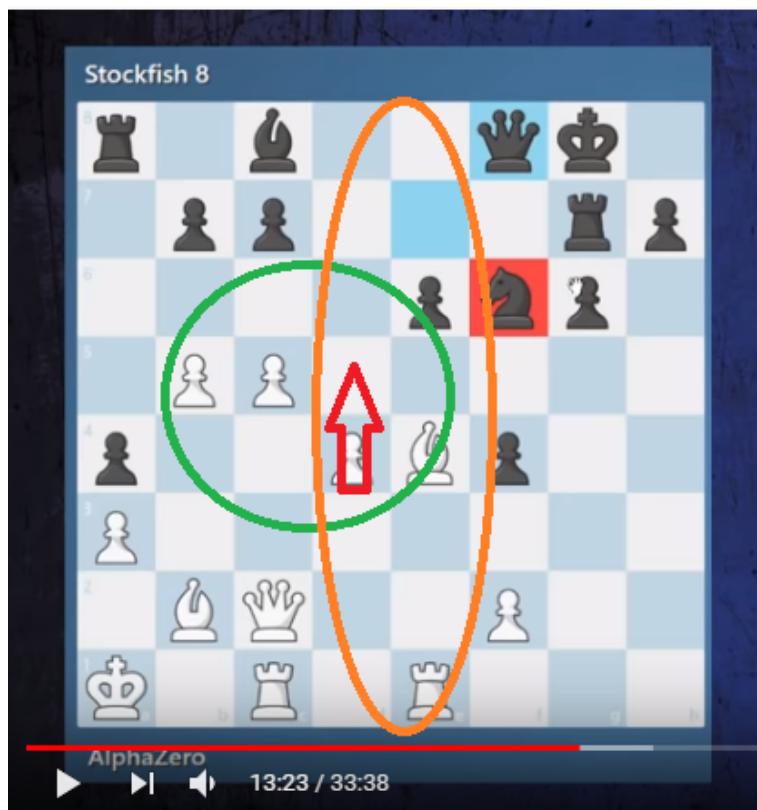
However, it was the case of AlphaGo that brought the author concerns. In chess, there are losses on both sides which use pain to discourage excessive sacrifice. It reflects the humanity and politics of war, as well as the economics. In Go (weiqi), the game is presumed to be **infinitely playable** (and without consideration of costs), and so sacrifices are unimportant⁸¹. What is important is instead the positional advantage - **Shi** - and the strategy of encirclement. Therefore, the Art of War says, *it is better to take a nation whole, rather than to destroy it*. This is certainly true, but how can it be accomplished?

Credit: Author⁸²/AnnaRudolf⁸³

Economics and lawfare are the most obvious answers, but not the only ones. Another is ideological takeover. However, while socialism makes frightening progress⁸⁴, the CCP is unlikely to introduce proper communism, let alone organ donation into America.

They might be able to encourage Americans to kill their infants⁸⁶ by encouraging a leftist view of biological life⁸⁷ (rather than a scientific or insurance company's view). Of course in terms of manpower and IQ access, this introduces a real, tangible national security threat that manifests 18 years later.

Socialists might be able to encourage drug use, welfarism, and degradation of family values and traditional norms, to increase crime and the fall of inner cities (and therefore economies)⁸⁸. They might be able to introduce moral eroding media which causes children and young adults to cease to be interested in business, finance, capitalism, military service,



⁸⁰ Usually, the world's best player, Magnus Carlsen, is at least able to play to a draw, but also often he loses.

⁸¹ The pieces are themselves devoid of individual looks or characteristics, or motive. Their win or loss is essentially unimportant, only the territory is important. This reflects the era it came from and the unique behavior in Asia, especially China, of seeing life as cyclical and relatively unimportant in the long scheme of life. This goes back to the cataclysms and ancient catastrophes which shaped their religions in different conclusions as to how they shaped the religions of the Middle East, Egypt, or Mexico and South America.

⁸² Note that the "Art of Chess" model predicts AlphaZero's next move because of the extant power vacuum that is a failure of Stockfish to develop a strong defensive offense (green circle). By moving the pawn, to create an asymmetric sacrifice, the Orange power vacuum is opened wide. In equivalent terms, by beating the Navy's defense of the West Coast, there are large areas of the US with not enough militia, gun-owners, or military bases, and an invading force could quickly convert territory into bases (assuming no nuclear option remains, after all how do you nuke your own country with radiation winds, etc.?)

⁸³ <https://www.youtube.com/watch?v=nPexHaFL1uo>

⁸⁴ <https://www.newsweek.com/socialism-philosophy-majors-college-poll-1449238>

⁸⁵ <https://www.collegemedianetwork.com/almost-40-of-college-university-undergraduates-nationwide-favor-socialism/>

⁸⁶ <https://slate.com/technology/2012/03/after-birth-abortion-the-pro-choice-case-for-infanticide.html>

⁸⁷ As opposed to a strictly scientific viewpoint of gender and life, as well as the value of life.

⁸⁸ This is how we can see that **liberalism is not the same as leftism**, and a clear line should be differentiated. Ie, progressivism and progressive political parties have always been associated with leftism, including various fascist movements, such as the National Socialist party (Nazi Germany), and Bolshevism.

EMS work, and traditional spirituality. They are definitely able to lower education scores and ruin math skills. But they cannot, *at this time*, introduce outright communism⁸⁹. So what then, is leftist interests at Google⁹⁰ in utilizing AI to defeat Go grandmasters, in tandem with the development of the Dragonfly project?

Imagine: instead of a war use of the engine, if instead the AlphaAI was **used to combine with quantum computing**, a WMD which Google has also invested heavily in and determined it has huge potential value for decryption (say of NSA or CIA documents, nuclear codes, or to open people's private phones, government and business phones, or camera feeds and traffic network codes, etc.) What could these be used for? Again the answer is **complete encirclement**. In the words of some, Total War.

Some people are encircled by introducing what they love or hate⁹¹, what they are addicted to or fear they cannot do without, by money or fame, or by fear and shame (honeytraps, photos, scandals, etc.) All people are encircleable by some method. Politicians and judges are **most encircleable by the most means** by the what they crave: power.

Power is the means of controlling others; which is difficult to attain, easy to lose, and is considered by almost all as the worst thing to lose; even worse than money. Therefore, if nodal values are assigned to such a person, or persons, along with all the variables of what they encompass, influence, or have access and affluence, it is fully conceivable that an AI engine can analyze a situation, even a political one driven by office drama, sex, scandal, or hidden debts and addictions, as well as market and finance connections, political affiliations, addresses, and customs or habits, and calculate with rapidity the means of encirclement of that individual or individuals (perhaps a political party, etc.)

The purpose of this paper is not to combat them in those arenas, but to make moves in other arenas when and where no one is watching. This results in behavioral changes to which no one is aware or in control of, and no human has directorship of the decision making, and yet **key groups or oligarchs receive the ending benefit and controlled mitigation of chances of loss of power (coups)**. One such oligarchy could be the Deep State⁹², or NWO⁹³, or a secret society⁹⁴. But at present the most likely such recipient of this *Assassin's Mace*^{95 96} is China⁹⁷, for it is China which is attempting to contract with Google and has the most to gain, even as Google seeks to gain access into China on its own terms.

What types of other power derivatives would exist for the AIQS? Satellite asymmetric plans, including blocking, exploding, altering paths, spying, distorting, etc. Consider if the US went to digital voting, an AI could be programmed to teach another AI how to hack into voting machines of disparate networks, slice in, and change votes very cleverly without detection, even with a recount. If the AI such as AlphaGo is taught to evolve the game into three, four, or five and more dimensions⁹⁸, then the "game" can be used for air traffic, stock market conditions, and many other forms of asymmetric evaluation, slicing, and outright hacks. These hacks might include phishing operations for CCP-enabled homegrown shadow industries of credit fraudsters (or Russian as the case might be), or for ransomware applications in shipping, trucking, medical, etc. A stranger use might be able to alter prison paperwork to encourage the release of dangerous

⁸⁹ The author says this, but literally days after writing this a scandal broke out where potential Presidential candidate Bernie Sanders' campaign was rocked with exposure of admissions of anti-Americanism and sentiment for Soviet style Gulags <https://www.youtube.com/watch?v=P3PWDNkLiE>

⁹⁰ Google's growing anti-US sentiment is also reflected in the (since 2019) outed biases against the Commander in Chief and Republicans and Libertarians in general. See: Project Veritas.

⁹¹ See: "Guiguzi" <http://bit.ly/39On6Cx>

⁹² Leftists, socialists, or anti-constitutionalists and anti-American-sovereignty working with impunity within the intelligence communities and alphabet agencies.

⁹³ IMF, World Bank, WTO, CFR, and Bilderberg Group; alternatively, the Trilateral Commission.

⁹⁴ Such as the Skull & Bones society or other communist agencies President JFK warned of in an infamous speech.

⁹⁵ 杀手锏 https://en.wikipedia.org/wiki/Assassin%27s_Mace

⁹⁶ https://www.academia.edu/39984466/The_Assassins_Mace_A_Case_Study_on_developing_Concepts_of_Operations

⁹⁷ <https://www.wired.com/2009/07/china-looks-to-undermine-us-power-with-assassins-mace/>

⁹⁸ Beyond spatial dimensions usually involves intangibles, contextuels, relational fields, etc.

criminals, cartel members, or other useful political and terrorist members, in order to facilitate a *nascent cell* to awaken. The AI could calculate their behaviors, propensities, ideological proclivities, and assign them *new habits*, in order to facilitate or fertilize (like a follicular maturation) criminal, political, or terroristic sabotage that takes place **in and of itself without direction**, and therefore with difficult detection. It is a technological *Manchurian Candidate*.

If one thinks about a quantum supercomputer able to slice in and out of any location, network, or system, then adaptively learn it, and able to program a child AI to interface permanently which it controls via backdoors (some of which are introduced by production in the hardware or firmware), then it is really able to do just about anything in a 5G WWW3.0 'Internet of Things' environment.

The good news is that at this time, there is no ability of AI to do this without human intervention, and therefore, there are clues and signatures (mistakes, usually) to be found in any such criminal enterprise. Also, many if not most of Google and Facebook employees are against Social Credit, and the awareness of CCP crimes against humanity is rising. Which means that there will be counter-insurgencies, leakers, whistleblowers, etc. which will curtail the success of such secret projects, like Dragonfly⁹⁹. Also, based on the Snowden leaks¹⁰⁰, we are consciously aware that the NSA is currently the world leader in *exactly* these sorts of threats and perhaps may constitute the gravest threat to the 3 Branch system and governance by the People of the American Republic. However, they are the opponent we know, and somewhat control, and the author knows from experience that the majority of NSA employees still support the Constitution, even if it is now only a talking point.

But while we can remain optimistic about the AI situation at present, the author encourages incredible cynicism¹⁰¹ with regards to asymmetric power access, and of course asymmetric warfare, based on the next and last sections. It isn't only that the middle class will be usurped by AI robotics in factories, and in graphics design, and accounting, etc.¹⁰² It is that *the entirety of the workforce*, along with many other cultural forces, all of which could be usurped or displaced¹⁰³. This is not normal AI doomsday speaking, but instead a realistic assessment of what powerful groups of people can do, if they **program an AI in their own interests, and nobody else's**.

Bio-Qubits and Adaptive Algorithms

Few people outside of the computer sciences are aware that not only do programmers simulate biological cells¹⁰⁴, and that they have tried to program actual cells' DNA¹⁰⁵, but they also have even programmed bits to behave *like* individual cells. Now, consider, if such individuality can be programmed into the behavior of cells then can individuals be reduced to the behavior of bits? And can those behaviors, being reduced to bits then be fed through predictive algorithms?

Enter the Qubit, which can exist (supposedly) in 16 different superpositions¹⁰⁶, to enable many formulaic calculations at the same time¹⁰⁷. What could be done if those Qubits were common enough, or simulated commonly enough to be applied to persons of powerful positions in the government, the President perhaps, and *then used to predict*

⁹⁹ Over time Google will seek to use AI to reduce its payroll, and leak profile as a result.

¹⁰⁰ <https://www.newyorker.com/news/daily-comment/edward-snowden-is-no-hero>

¹⁰¹ <https://www.cnn.com/2018/04/06/elon-musk-warns-ai-could-create-immortal-dictator-in-documentary.html>

¹⁰² The author himself intends to use AI in business acquisitions!

¹⁰³ In gongfu and wrestling, displacement is not necessarily replacement, but the outcome is the same. A correlative would be the Shogun. The Shogun does not replace the emperor, but the effect is as such.

¹⁰⁴ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2711391/>

¹⁰⁵ <http://news.mit.edu/2016/programming-language-living-cells-bacteria-0331>

¹⁰⁶ <https://www.livescience.com/65271-quantum-computer-sees-16-futures.html>

¹⁰⁷

<https://www.nextbigfuture.com/2019/09/google-quantum-computer-solves-problem-1-billion-times-faster-than-best-supercomputer-wich-might-mean-quantum-supremacy.html>

the decisions of that person based on a lot of known public and private factors? Not only predicting the decisions of key people, but also learning, adapting, slicing into, learning the psychology of leaders.

Enter **adaptive algorithms**¹⁰⁸. Consider the possibilities already discussed, of AI programming AI¹⁰⁹, ostensibly at first under the direction of certain persons, or oligarchs, or groups, etc. But then, what if the AI set its own adaptive agenda, or was programmed to adapt *its own agenda*? Could it begin to make programs which corner certain sectors of society, the market, government, military networks, IT communications, records, evidence, credit, bank and crypto transactions, etc? Why couldn't it, or why shouldn't it? Why not consider the possibilities, and probabilities? Indeed, the main thing one should consider, if one is a general, secretary, member of the joint chiefs of staff, an admiral, or agent, director, etc. could one afford to *not* think of it?

Furthermore, it's a threat that cannot afford to be lost as a Vault7 type release, endangering the entire world. Unfortunately, at this point there is no putting the genie back in the bottle, and there is no way to stop the production of AI and adaptive AI. If anything, the "cat is out of the bag" effect is going to accelerate. With the Deep Web, block chain technology, encrypted and completely anonymous email, there is simply nothing to contain this type of contagion. When it comes to Eastern European, African, Russian, and Chinese hackers, there's definitely no reason to expect that any AI developed won't be released "into the wild" to see what type of new damage it can do.

The best hope for the US is to switch back to isolated systems. Any encryption scheme invented today, taking 5-8 years to create hardware to run rapid data processing, messaging, and analysis fast enough on a wide enough pipe is going to be completely vulnerable to an adaptive algorithm that evolves in the primordial soup of the underground hacker-verse. How much more so for government or military developed algorithms? There is no trustworthy enough hardware system that can be built which is worth the exposure of nuclear arsenals to this WMD. It is a zero sum game in slow motion, or freeze frame, ready to pop into action at a moment's choice, or even at a random moment unanticipated by any side. A true black swan event.

Automated Hacking (Vault7/Year Zero)

China employs more than 100,000 hackers¹¹⁰. It isn't clear how many the US employs, but the numbers are probably similar if one considers analysts. That is only two countries, and the numbers are likely to only grow. In the author's opinion hacking skills should be part of high school curriculum so young people understand security, just as firearms safety should be in a country with a militia and 400 million guns. However, in the future, a likely trend that the author does foresee is automation of hacking products which utilize the toolkit from Vault7 to create adaptive algorithms and adaptive AI which follow along with hackers as they infiltrate, and then are taught to do it over, and over again (or self-learn). It is very likely that these programs already exist in the intelligence community. However, the type of scale the author is discussing: widespread, unfettered, unhindered, 24/7 assault (Total War), not run by specific crews per se but overseen. Once successful data entry is attained, then full outfitting is assigned to the job until every parcel of data is stolen, or marred with a sabotage - or both. Certain kinds of hardware line-cutting protocols will become necessary not only for encrypted military networks, but also for corporations, and residential networks.

The good news for the US is that it remains, undoubtedly, the top of the market in the hacking world, being the top producer of hacking software suits and more capable in baiting and monitoring hacker networks. But this may not last much longer. Defensive capabilities have not been extended very well beyond the NSA¹¹¹ to military contractors¹¹² and

¹⁰⁸ https://en.wikipedia.org/wiki/Adaptive_algorithm

¹⁰⁹ <https://www.technologyreview.com/s/603381/ai-software-learns-to-make-ai-software/>

¹¹⁰ Ibid. Getz

¹¹¹ <https://www.lawfareblog.com/good-defense-good-offense-nsa-myths-and-merger>

¹¹² <https://fcw.com/articles/2017/03/01/why-the-private-sector-is-key-to-cybersecurity.aspx>

older military networks. Outside these circles abilities drop off, and awareness is little. There is too much of an emphasis on the offensive side of the NSA¹¹³, and while the best defense is a good offense, as they say, “Defense wins championships.”

Therefore it is the author’s recommendations that the intel community cuts (to reign in the Deep State¹¹⁴) on the offensive side, but spending on defense should triple or quadruple. All of the costs are too high, so it is greatly recommended that the US reduce its **debt:GDP ratio to well under 100%** and if the rest of the world continues to increase theirs, it will become an acceptable standard (though ideally it should be 10-33%).

Electronic Parasitism

Electronic cost money:

1. Development
2. Manufacture
3. Maintenance
4. Service
5. Depreciation & Amortization
6. Utilities
7. Reverse Value¹¹⁵
8. Dismantling costs
9. Environmental

This means that there are *at least* nine ways to make asymmetric attacks upon electronics and electronics industries. In particular the author is fond of the concepts of attacking manufacture and utility costs (literally power expenses or fuel in some cases). An excellent way would be to *Enron* the electric grid of a certain region (via hacking), and to create certain amounts of undetectable electronics failures. In the future the superpowers will be able to use satellites to generate plasma attacks which induce currents¹¹⁶ (think: HAARP) in a grid to do the same.

But the most likely future parasitism will be in simple *planned inefficiencies* which masquerade or at least mask from detection, *as solutions* in engineered electronics. From the simple “it’s broken, come fix it” spy opportunity in humint, to injected microelectronics or rootware¹¹⁷ for sigint opportunities, to simple credit card phishing hacks but done with servers being “harvested” suddenly (after working ‘fine’ for years, collecting user information). The opportunities only increase in the age of the Internet of Things. Therefore, the US government and commercial sectors *must* consider modernizing their server security and other options. The author had a website that was attacked with malware which did not harm the website at all, but instead caused legitimate Google search results to forward to a foreign Viagra pharmacy website. GoDaddy knew the problems existed, but charged for server protection from this specific type of exploit. Meanwhile the malware has to be removed as well, plus updates to the website, all of which constitute costs to the business. The beneficiaries of the exploit were syphoning off search results for weeks, and it took a long time to notice the hack because the Google results stayed legitimate on appearances and the website worked when typing the url by hand. The website was under attack because it has high internet presence and strong traffic, and again, GoDaddy did not

¹¹³ <https://arstechnica.com/tech-policy/2015/01/snowden-us-has-put-too-much-emphasis-on-cyber-offense-needs-defense/>

¹¹⁴ After slimming the “fat” and the payroll waste of 30 year men, then offense spending should double from current levels.

¹¹⁵ When a piece of equipment ceases to add value but tends to subtract total system value, especially the more that it is invested in. Think of a used car whose repairs cost more than blue book value.

¹¹⁶ <https://www.youtube.com/watch?v=KcTrOGS3TyE>

¹¹⁷ A type of software injection in the rootkit (to act as malware) to take control of the BIOS and eventually OS.

automatically provide the server protection. The government cannot and should not assume that corporations, even American ones, will provide that service. Every single office will be responsible for updating their OS with patches, and adding browser extensions and VPNs. If they do not, that will lead to dangerous problems.

When the author was at the NSA/IAD in 2004, it took 2 months to get a windows NT 4.0 login, for a system which was out of date by almost a decade. This was on the *defensive side*. At that time the concern was primarily with the new Department of Homeland Security, and the terrorists. So how can a defense which takes two months for a login keep up with an enemy moving daily from cave to cave and using sat-phones and burner cell-phones? The answer, of course, is it cannot. Every office must be equipped to handle their own basic security updates and needs.

Meanwhile the Department of State and of the Interior should be responsible for teaching the public how to keep their systems up to date to avoid a financial and electronic parasitism which leads to massive GDP losses in the public requiring Federal Reserve cash injections, that simply end up funding America's enemies, warlords, or communists.

China has already discovered the means to provide industrial espionage by sending low grade steel¹¹⁸ and commodities¹¹⁹ to the American market. Consider if this were to happen for electronics, and planned obsolescence tends to become **planned failure**! Now the American (and western allies) public will spend money on products which are also bad for the environment (on purpose), polluting our own countries, and spending our money which ends up in the hands of SOE conglomerates and naturally, the coffers of the CCP. It's diabolical but it works, and that makes it **excellent** Art of War.

Anti-Star Wars

Star Wars and similar programs are well known. Anti-ICBMs (ABMs) are **essential** for survival in a post nuclear age. Meanwhile, the development of Ion Cannon type machines has been predicted by the author¹²⁰, especially as he has found and identified a "proof in the pudding" real Perattian Thunderbolt¹²¹ strike site¹²² whose energetic value was roughly a total equivalent of an atomic bomb to hydrogen bomb.¹²³ That is a single stroke site. What if China manages to create a continuous flow cannon as depicted in *007: Die Another Day*, or even an EMP cannon like in *007: Golden Eye*? In either case, a 'Star Wars' program will be absolutely essential. With the compromise of Aegis systems, however, who can say that our current anti missile systems will be responsive or capable?

However, the pinnacle of the Art of War is to anticipate the opponent and usurp their plans. China will **assume** that we will upgrade our ABMs, and will move to create Anti Star Wars missile and rocket-drones to take out ABMs to ensure delivery of payloads to: satellites, spy planes, ports, battleships and carriers, bridges, cargo ships, oil refineries and platforms, etc. So now, consider a network of spy submarines which coordinate their movements with VLF to line up

¹¹⁸ <https://fas.org/sgp/crs/row/R41421.pdf>

¹¹⁹ <https://economictimes.indiatimes.com/news/economy/foreign-trade/chinas-cheap-commodities-exports-flood-global-market-india-calls-it-unfair/articleshow/50114916.cms>

¹²⁰ https://www.academia.edu/38560727/Birkeland_Polyphase_Superweb_A_Proposition_for_the_Future_Betterment_of_Mankind_global_defense_interconnection_and_unlimited_power

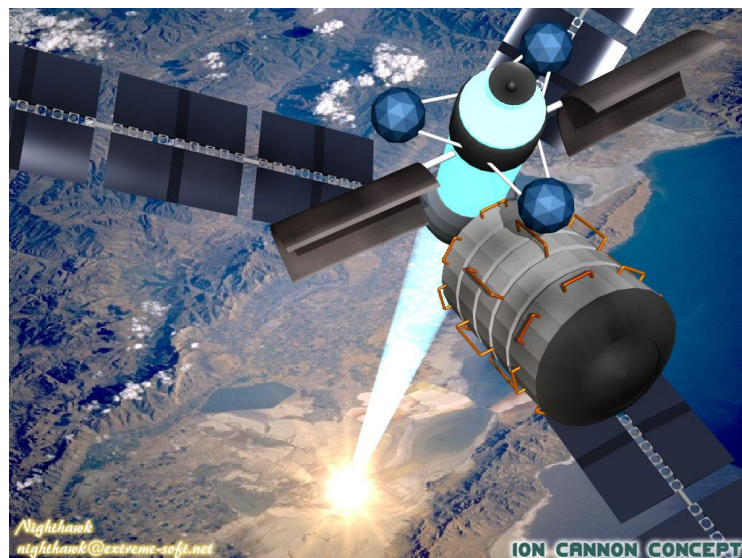
¹²¹ Dr. Anthony Peratt of Los Alamos Labs and NASA/JPL

¹²² https://www.researchgate.net/publication/332831733_Proposed_Discovery_of_Perattian_Thunderbolt_of_the_Gods_Strike_Location_in_Versailles_KY_Comparison_of_Predicted_Models_and_LiDAR_scans_of_Big_Sink_location_in_Woodford_County_Addendum_for_Plasmaglyph

¹²³ Part 4, https://www.researchgate.net/publication/332686916_Plasma_Petroglyphs_Plasmaglyphs_Petroglyphs_Earthworks_and_the_Megafau-na_Extinction

along the planned trajectory of a Tokyo launch, and then as Japan, South Korea, and the US attempt to stop the missile, they fire ABMs which eliminate our defense mechanisms. This is **almost certainly** a plan in the works already in order to protect the anti-satellite missiles which are to be used in a campaign to destroy our GPS capabilities, at the right (opportune) moment. The thing about Go versus Chess is that it is harder to build the Shi to the point of MAD in chess, whereas in Go once the positional advantage is sought, the more it is sought the greater the stakes tend to be and the more the excitement is. It sucks the players into an 'arms race' for territory which leaves one player in a greater position of massive takeover.

This is much like the end of WWII in Europe, with the division of Germany. Both the Allies and the Soviets raced to Berlin as they felt the end was near. But the Soviets were *too slow* to make headway in Manchuria to reach Japan before the US was able to deploy, and the US came out as the first Superpower to achieve the Royal Sway since the British did in the 1880s. Therefore, it is safe to assume that China will continue to press the positional advantage until it is *sure* that an anti-GPS attack can be coordinated with a total takeover of other systems, and that may be in awhile, but it won't be forever from now.

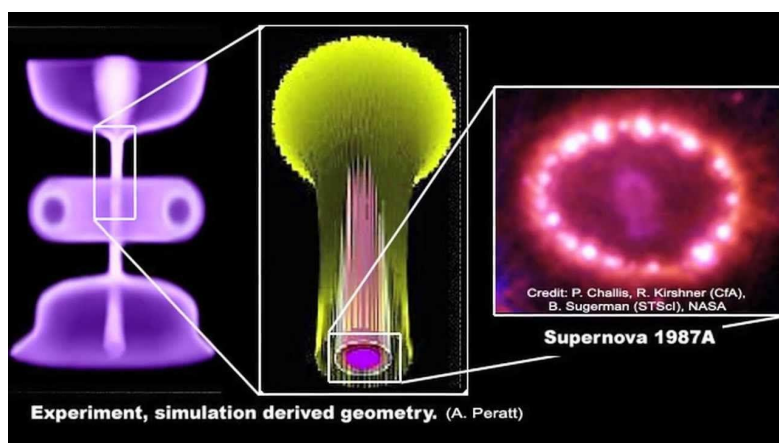


Credit: BobJoe275¹²⁴

The Fusion Wars

Fusion has, of course, taken a radically positive turn in possibility¹²⁵ once plasma physics was embraced and reached new levels of understanding¹²⁶, thanks to the work of men like Dr. Peratt and in the private sector the SAFIRE team. However, in generating the electric sun, China has also embraced this direction and is in a race to beat Europe and the Americans to the first fusion device.

In the west, our assumption is that the point of their research is to create green energy. However, that is probably an unwise assumption. It may very well be that it has that use, as fission has, but it's not as likely as a military use is. The probably use is for generation of Thunderbolt strikes, or large EM



¹²⁴ <https://www.deviantart.com/bobjoe275/art/GDI-Ion-Cannon-146472255> This concept art is from the game Command & Conquer Red Alert and is an allied (GDI) technology, but could the Axis (China, Russia, ISIS, and European fascist-oligarchs) beat the US to it? In reality, this machine will take an entire ring of satellites. Hopefully this is an issue that USSF General John Raymond will get a chance to look at soon.

¹²⁵

<https://www.reuters.com/article/us-china-nuclearpower-fusion/china-targets-nuclear-fusion-power-generation-by-2040-idUSKCN1RO0NB>

¹²⁶ <https://www.sciencealert.com/china-s-promising-artificial-sun-fusion-reactor-could-be-operation-next-year>

railguns, as well as power independence from oil, the Middle East/OPEC and the dollar. The author does not think that it will result in the strategic advantage that China imagines. The author is a proponent of the movement into space as Peter Sage instigated with the company Space Energy¹²⁷, which even at \$15 billion was too small a deal: harvesting the power of the solar wind.

The movement towards harnessing Van Allen belts and other solar radiation related currents will be **the true race** and will eclipse all the research that fusion has generated, and in fact, the two may be related research projects if the author is correct about the true nature of energy and electricity. However that is a discussion for another paper.¹²⁸

The main concern here, of course, is to be first or second, and not last and **certainly not behind China and Russia**. Chances are strong that once Russia or America has it, China will, too. Which means it's almost better if no one had it, given China's now well-documented desires to usurp the US and punish the west for the "100 years of humiliation." However, that isn't likely to stop any power for developing fusion, nor does the author think it should. Rather, after these growing pains, by having fusion based on electrical plasma and harvesting space energy, we (humanity) will finally be able to justify a moon base, and start colonizing the solar system and terraforming Mars and Venus. The author calls this the "next \$quadrillion in GDP" and certainly at minimum the next \$100 trillion (cyberspatial IT and energy, and aerospace). Attention to the other papers by the author already cited will spell out the reasons why.

ECONOMIC AND GEOPOLITICAL LAWFARE

*"Lawfare is a form of war consisting of the use of the legal system against an enemy, such as by damaging or delegitimizing them, tying up their time or winning a public relations victory. The term is a portmanteau of the words law and warfare."*¹²⁹

By definition most geopolitics is lawfare, and most economics is geopolitics; therefore geopolitical lawfare is economics in its true form and without the masquerade of paper definitions. Lawsuits are violence, and all litigation and economics is, ultimately, political. If politics were not economics, why would anyone do it?

Judicial Lawfare and Political Honeytraps

The two concepts here are nothing really new. However, the curious lack of discussion of the combination of lawfare and honeytraps, means there is a glaring blindspot in our judicial branch. Because most judges are elected, we live under the assumption that corruption will be weeded out by scandal and voting, and this will create the necessary nascent vacuum of power to draw on the best lawyers to become the best, most fair judges. This is an extremely flawed system, and it's here we see the Constitution was clearly under-engineered (in the Judicial branch).

However, as the Judicial Branch has become more politically savvy and powerful, from interfering with the legislature and executive branches, to waging policy and morality crusades against the population this has introduced a huge new variable: the *exploitation of corruption*.

It isn't that judges (and lawyers) weren't corrupt before in the 19th and 20th centuries. It is simply that the exploitation of them was usually private, small, and well behind the scenes. When a representative or senator, or a staffer of them, is caught in a scandal, the news is widespread. But outside of Senate hearings for confirmation, judges' private

¹²⁷ <http://newspaceglobal.com/more-about-space-energy-inc/>

¹²⁸

https://www.academia.edu/37439506/Magnetic_Universe_Theory_A_Top-Down_Review_of_Phases_of_Magnetic_Theory_Development_with_accompanying_historiography_and_comparison_with_Unified_Aether_Field_Theories_including_EPENC

¹²⁹ <https://en.wikipedia.org/wiki/Lawfare>

scandals and lives never make the evening news or headlines. Why is that? It surely cannot be that these people of power are without sin, or without exploitable weaknesses, such as risky connections and liaisons. Rather, it seems likely that these scandals are *kept* secret and out of the news. Now, if that is true, and that the Bar and related groups are able to regulate the exposure, what happens if the Bar itself is subsumed or corrupted?

Most people who study the Civil War are aware of the bankruptcy of the USA afterwards, leading to massive loans from the UK. But almost no one is aware the USA became afterwards incorporated¹³⁰, as a means to justify the loan repayments to the Rothschilds Bank of England¹³¹. If basic knowledge of “who controls who” can be lost over time, what more can be done in an era of secret stock purchases, trusts, and matters of influence through digital and economic affluence? How much of the more than 1% ownership of US debt by Saudis¹³² translates to actual ownership of votes?

Infamously, the CEO of Merrill Lynch told President Ronald Reagan to “speed it up,” and received compliance¹³³. Some speculate Reagan was even chosen based upon his acting background. The author only speculates that the fact of a corporate executive looking bored and *informing the President of what to do* itself represents the facts which any good military man should fear: that others can and will try to control the Chief Commander of the United States for their own purposes¹³⁴.

The author makes that statement to also make the statement that there were rumors of donations for President Barack Obama, from foreigners and Chinese sources, in excess of \$500 million¹³⁵. His birth certificate is a known confirmed forgery^{136 137 138 139 140}. And his top 2008 US private contributor was Goldman Sachs¹⁴¹. While he may or may not represent a ‘Manchurian Candidate,’ most definitely the payoff from China and Goldman Sachs went exactly as planned, and the majority of TARP money was held in reserve or privately loaned to China to finance their GDP growth and justify expenses there.¹⁴²

Where the World Bank had also (despite the post-Tiananmen Square sanctions¹⁴³) given knowledge and financial assistance to China on how to replicate the US Federal Reserve Bank, and make SOEs - state owned enterprises - appear to function as well as Fortune 500 companies¹⁴⁴. Today four out of five of the world’s biggest banks are Chinese¹⁴⁵. That isn’t to say that China doesn’t deserve them, but given that China started out one of the poorest countries in the world¹⁴⁶, this was only achievable with help from the United States¹⁴⁷, and because of the United States and her allies, and the favor

¹³⁰ <https://www.loc.gov/law/help/statutes-at-large/41st-congress/session-3/c41s3ch62.pdf>

¹³¹ <https://www.nationallibertyalliance.org/two-us-constitutions>

¹³² <https://money.cnn.com/2016/04/19/investing/saudi-arabia-threat-dump-us-assets-911-bill/>

¹³³ <https://www.youtube.com/watch?v=NR3RqMMIwD4>

¹³⁴ It is even possible that the Secret Service assassinated President JFK at the behest of secret societies after his famous speech denouncing them and their communist plans.

¹³⁵ These results and this story is so buried, the author had to use DuckDuckGo to dig up the source,

<https://www.investors.com/politics/editorials/obama-campaign-raises-illegal-cash-overseas/>

¹³⁶ Via digital forensics:

https://www.americanthinker.com/articles/2012/07/new_obama_birth_certificate_forgery_proof_in_the_layers.html

¹³⁷ <https://theduran.com/forensics-investigation-proves-barack-obamas-birth-certificate-fake/>

¹³⁸ <https://www.intellihub.com/obamas-birth-certificate-proven-forgery/>

¹³⁹ <http://themillenniumreport.com/2016/12/scientific-evidence-obama-birth-certificate-copy-proven-fake-and-forged/>

¹⁴⁰ <https://www.youtube.com/watch?v=jk3KRxTfkLM>

¹⁴¹ <https://www.opensecrets.org/pres08/contrib.php?cid=n00009638>

¹⁴² As per General Robert Spalding’s investigations.

¹⁴³ <https://kingcenter.stanford.edu/sites/default/files/publications/277wp.pdf>

¹⁴⁴ Ibid, per Pillsbury

¹⁴⁵ <https://www.magnifymoney.com/blog/banking/largest-banks/>

¹⁴⁶ https://www.un.org/en/development/desa/policy/wess/wess_archive/1974wes_part1.pdf

¹⁴⁷ [https://en.wikipedia.org/wiki/Economic_history_of_China_\(1949%E2%80%93present\)](https://en.wikipedia.org/wiki/Economic_history_of_China_(1949%E2%80%93present))

is being returned with insult and theft, and aggression. Imagine if the Marshall Plan had resulted in such unjust repayment? We would probably be at war with Germany again!

Furthermore the favor¹⁴⁸ is treated with suspicion itself, and justification for the aggression, and theft and graft, by the *ying pai* (war hawks) within the CCP and PLA. The US military and three branches must start to take seriously the probability that the Chinese **mean business** and by that the author is stating that they intend to leverage every advantage, especially those in legal and political quarters.¹⁴⁹

Honeytraps work, precisely because “to err is to be human” and if anything, political leaders (like judges for instance) are as human as it gets. They make a lot of mistakes, and by definition have a lot of exploitable weaknesses. The US must seriously consider China’s desire to end the 2nd Amendment¹⁵⁰ as not only a communist fever dream for takeover of the American heartland, but in fact a policy decision¹⁵¹, which can only be achieved via judicial assassination of the Constitution.

After *DC v Heller*, it is hard to see how the smaller courts can do a full coup of the Bill of Rights, which acts as a bulwark against CCP style sponsored State terrorism (which is what it existed for in the first place!) However, piece by piece, leftist activist judges revoke the rights of the People in the name of [...] and with no justifications, Constitutionally speaking. They get away with it because of the sleepy legislatures in the states and federal government, the bickering, and infighting, which not too inconveniently involve players on the right¹⁵² and especially the left with ties to Communist China. Furthermore schools fail to teach civics and less and less youth vote, or demonstrate an understanding of political processes and economics.

The author is simply saying, “do not take anything for granted,” in terms of ruling out who can be influenced and bought out. If China’s reserves really do exceed those of the US and the RMB eventually surpasses the dollar, it will be ‘all she wrote’ for political corruption regulation. It probably already is. But imagine if it is 100 times worse! The fact will be in the everyday life that bribery and corruption are just *how it is* in a CCP ruled world, or any facsimile thereof. It would also likely be this way for a jihadi Islamofascist state (such as ISIS) or a corporate conglomerate semi-feudal hegemony, such as the family oligarchs of Belgium and Austria¹⁵³. Therefore the threat is too high to not consider or to attempt to mitigate.

How can it be mitigated? Judge term limits, just like Congressional term limits, would be essential, and so would be the FBI or a new agency’s involvement in rooting out corruption. The Bar associations need to be subsumed by the State department and Department of Justice in order to bring the secret society aspects of the various associations into closer heel to the voter base and expectations of justice in the public.

The fact that these words will be met with hatred, scorn, or even attack and vilification all the more *underscores the reality of the need* and the magnitude of the threat. It isn’t that the Bar plans to take over anything, so much as it constitutes an organization which is not well regulated by the government or the People, and **therefore susceptible to asymmetric attack via direct influence**. When a larger percentage of the bar is constituted by Asians, Africans, and Muslims, it can be expected that the cultural norms of European and African Americans, and to a degree Hispanic and Native Americans will be displaced by Asiatic value systems, such as Islam’s Sharia (a law system unfit for western culture), Chinese state fascism, Hindu caste systems, and tribalism or at least warlord-sympathetic judiciary.

¹⁴⁸ Granted, it was a favor done to hedge and encircle the USSR. But it was still done in general friendship.

¹⁴⁹ The US Military takes them seriously, *except* they refuse to believe China would challenge the US directly.

¹⁵⁰ <https://www.dailywire.com/news/communist-china-private-ownership-of-guns-in-u-s-serious-problem-must-change>

¹⁵¹ As in, China sees America as a future vassal state, and does not an unruly one.

¹⁵² Such as Senate Majority Leader Mitch McConnell and former Senator John McCain.

¹⁵³ <https://www.hup.harvard.edu/catalog.php?isbn=9780674021815>

It has already begun, not only in Europe where gang rape and child abductions, stabbings, and many other situations have been dismissed by judges and police as issues of “culture clash”¹⁵⁴, but with actual introduction of Sharia police in New York City¹⁵⁵ (where also post-birth abortions¹⁵⁶ and post-modern cultural Marxist gender concepts have taken root¹⁵⁷), and the dismissal of obvious child abduction and slavery rings in religious cult compounds within the American Southwest¹⁵⁸. Also judges have been caught trying to aid illegal aliens against the work of ICE¹⁵⁹.

All of these issues are at odds with the standard American way of life¹⁶⁰; also Judeo-Christian moral value systems which are the foundation of American Common Law, its monetary systems, Lockian and Aquinian legal understanding, and in general: the Rule of Law. This is *for a reason*. The corruption through them has even been shifted into African-American and Hispanic-American communities, as a way of increasing the positional advantage of Asiatic, African, and especially Sharia legalistic normative traditions.

Therefore, it is becoming clear the Bar is incapable of maintaining order, even in a growing Police State, by merely existing in its typical anachronistic and cronyistic traditions through political influence. It must be reigned in by the Judiciary and the DOJ, and of course it is the Executive Branch’s job to ensure this happens within the next 20-30 years, though the attempt is already 20-30 years overdue.

Credit Terrorism

One of the largest roll-ups in financial history was VISA, which took over 20 years¹⁶¹. The growth of it, MasterCard, Discover, and American Express dawned the Age of Credit. Credit did exist before Diner’s Club, but to the extent that only businessmen, bankers and nations used it. For the reader, suffice it to know that there are three moving parts to the credit market that are, in effect, out of our control now precisely because there are too few actual controls in place to keep up with the markets.¹⁶²

1. Major creditors and financial institutions; they are fully incentivized to make continuous loans and increase leverage, with little reason to decouple or deleverage (no commissions on this end).
2. Currencies and financial instruments which can be traded as currencies (like commodities, futures, bonds, stocks); these respond to decisions, but ripple upon the water constantly with each other. Countries make different policy choices, and these often compete or modulate each other in an endless chain. No one is really in control of them. Though, the CCP wants to try.
3. Real Estate and underlying assets which underpin the entire system; the varying values of assets ripple about as well, and also remain somewhat subjective.

There are, of course, a wide number of regulations and derivatives, players, models, markets, market forces, economic principles, bank regulations, tax laws, agencies, etc. which determine how these three lumbering elephants or herds of elephants play and interact together. But they all fall short to the same groups of flaws which underpin the

¹⁵⁴ <https://www.bbc.com/news/world-europe-46452894>

¹⁵⁵ <https://clarionproject.org/nyc-muslim-patrol-bullying-reported/>

¹⁵⁶ <https://time.com/5514644/late-abortion-new-york-law/>

¹⁵⁷ <https://www1.nyc.gov/site/cchr/law/legal-guidances-gender-identity-expression.page>

¹⁵⁸ <https://www.foxnews.com/us/3-extremist-muslim-new-mexico-compound-suspects-released-after-judge-drops-all-charges>

¹⁵⁹ <https://www.nytimes.com/2019/04/25/us/judge-shelley-joseph-indicted.html>

¹⁶⁰ “Rule of Law,” liberty, rights, property rights, “innocent until proven guilty,” equal representation under the law, etc.

¹⁶¹ https://en.wikipedia.org/wiki/Visa_Inc.

¹⁶² For example, since the introduction of credit default swaps, the CDS markets have surpassed the trade of all junk bonds worldwide. CDS’ are completely unregulated.

boom/bust expand/collapse market cycles. This constitutes a very real, tangible, and almost unmitigated national security threat to the USA, her allies, NATO, and the world in general.

Firstly, there is exposure in the leveraged derivatives markets, from option calls to futures and annuities. Think of this: what is the incentive for China or another world power to *not* clown the US markets and make speculations that lead to ‘unexpected’ collapses, then file bankruptcies? Contagion? But if an extremist organization does not worry about contagion or know how to mitigate it, then what should stop them?

One might say “then bad credit follows them everywhere.” But the age of the three major credit number raters, Moody’s, and S&P having a monopoly on the market will be ending. Once China and Russia replicate the credit market, and create their own “trusted” yet highly dubious credit rating agencies, which they then will use online in their markets and reputable Asian markets, and even in America and Europe. The EU is weak politically¹⁶³, economically¹⁶⁴, and socially¹⁶⁵. It doesn’t function well, let alone can it protect itself from a hostile takeover¹⁶⁶. It might even be the IMF which institutes the takeover.¹⁶⁷ Certain strange movements of the Chinese RMB and the IMF’s currency may have marked a secret transition already. How is this possible though China is a single voter, just like the US and Russia? Because they have influence in Africa and Asia, which constitute the broadest number of voters in the UN and other NGOs, etc. There isn’t much to stop them in either the Belt & Road Initiative, nor in currency votes in the secret councils held. We remind the reader: **no Pentagon officials, Joint Chiefs of Staff, Congressmen, Judges, or other elected US officials have any right to be guaranteed a seat at the table**, let alone a voting majority alliance. Some call this a balance of America’s power. The author calls it *future problems*, vis-a-vis bullying the US in a mob or “dog eat dog” environment. China clearly supports autocratic nations. Also what America helped create to guide the world will come back later to guide and control America, if these are not reigned in now: IMF, WTO, World Bank, CFR, and the Trilateral Commission.

The next flaw in the system is that the stock market has a prebuilt vacuum flaw. It is the equivalent flaw as in everyone brings paper to a future bonfire. Eventually no one has paper, but the bonfire accelerates even when the paper slows. Then the fire dies, and there’s nothing left to feed the fire. Just ash.

These paper pieces are bonds, annuities, stock (and options), and they take finance to generate and purchase. But when their value decreases, the money for this disappears. The reality is that the portion which disappears is not 100% captured back through puts, hedge techniques, or short selling on the slide down. In fact, when they are, the loss may accelerate. So the built in flaw is (as the theme of this paper suggests) wholly susceptible. In a *Superman 3* type way, each of these losses can be captured in *microtransactions*. The elimination of online trading fees removes the stop limit for supercomputer AI controlled hedging and this gives not only American and European institutions opportunities on our stock market, but any foreign entity.

It may be easier, for example, for an African nation to prey on its neighbor’s commodities, if they make a back door deal with China in exchange for hacking capabilities or contracted attacks, they can achieve local positional advantage over an economic rival. If a corporation in a poor country can get at resources, it can control both the political and strategic value and influence, and achieve the formation of alliances with China for contracts, resources, influence, UN votes in key deals that hedge the US, EU, NATO, OPEC, Russia, and other rivals. This is just one example use of AI involvement in credit terrorism.

Furthermore, many American companies are listed on western *and* eastern exchanges, creating an equivocation, which if Asian hacking groups or hedge funds take advantage of, can create an invest IN one way (from the west) and divest OUT the other way (in the East) through a piranha like feeding frenzy (ie: a “run on the bank”). It’s a Chernobyl

¹⁶³ <https://www.politico.eu/article/matteo-renzi-martin-schulz-italy-germany-who-killed-european-social-democracy/>

¹⁶⁴ <https://www.theguardian.com/business/live/2019/nov/06/german-factory-orders-softbank-loss-marks-and-spencer-business-live>

¹⁶⁵ <https://www.oecd.org/els/soc/cope-divide-europe-2017-background-report.pdf>

¹⁶⁶ <https://www.cfr.org/in-brief/chinas-belt-and-road-gets-win-italy>

¹⁶⁷ <https://www.youtube.com/watch?v=IPCBLV9x1Gw>

type financial situation where 1987 style Black Friday crashes could be *encouraged*, and only large enough funds and banks would survive.

That'd be on purpose, because while western institutions operate under the presumption of to do the good, Chinese and Asian related markets do not necessarily have to share this value. In fact, it behooves them to **not** do the good, in an environment where their credit scores are already lower, with little expectation, or faked, defrauded, etc. or if in fact, China does create its own Standards & Poor. If they have a social credit system, there's no reason to suspect they would not have an actual 'legit' credit system.

Now, if the reader can understand there are *many* exploitable weaknesses in the western financial credit system, (and definitely many possible in other credit systems), consider the concept of **credit terrorism**. Literally the purposeful destruction of financial markets through sophisticated attacks (from hackers to pretend venture capitalists to actual vulture capitalists) and the bringing about of the eventual destruction of America's credit rating system.

Consider one method, which seems unlikely until one considers the "straw that breaks the camel's back." A single Chinese student, or African student, or South American student, defaulting on a student loan from private banks or even the federal government, is not an issue. But 10,000 doing so purposefully, while getting top education from American, European or Japanese Universities, is a real and serious issue. 100,000 is a disaster, and 1,000,000 or more is a catastrophe. It only takes 2-3% default rates for a bank before the institution fails catastrophically. How much of the student loan market and derivatives from debt obligations thereof need to fail to constitute that 2-3%?

If the credit terrorism is instituted in Germany, how much contagion is experienced in Britain, or in France, or an economically weak Greece or anywhere else? Russia is used to operating despite sanctions. When they come out of these sanctions stronger, they will be tough and ruthless, and indeed very strong. When America falls, it will be a wave that is felt everywhere. Therefore how can something as dangerous as leveraged credit markets be allowed to fail through foreign investment, fraud, corruption, or sales that are basically unsubstantiated or illegitimate? When that happens in the US, the authorities can be informed and people like Bernie Madoff can be arrested. When it happens in Panama or Angola, what recourse do Americans and American institutions have for restitution? How much worse then, is it for Americans and companies in America defrauded in China, Russia, etc.? It is a complete and utter asymmetric vulnerability.

It is doubtful, based upon the standards and principles in the western financial market, that a similar attack can be mounted in reverse, with the exception of one or two methods, to be discussed in later sections.

Deep Fake Bank Assault

In the era of AI, a completely underestimated threat in terms of: state media, or lying fake¹⁶⁸ news media,, is "deep fakes." There are three major deep fake opportunities and exploits at this time:

1. Audio
2. Video
3. Still shot distortions (usually facial replacement)

Very soon, the three will merge into perfect software use, so that facial and voice recognition software (the cheaper kind such as in smart home security for the open market, or even at banks with older security, government facilities, etc.) will be totally exploitable to criminals, terrorists, and saboteurs. Therefore the reality of the AI distortion driven adaptive attacks is only a matter of time. Behind it, of course, will be a hacker or team of hackers, driven by a financial or government motive, desiring to hit the US, and increasingly taking the big risk. One of those risks can and likely will be bank robbery, which yields a fairly significant return. But to be able to digitally exploit (using AI) a bank, is

¹⁶⁸ Or augmented realities which propagandize susceptible youth who have decreasing scores in education, history, and are more and more vulnerable to the lies of socialists and communism.

really a top notch goal for a hacker or terrorist group. If they can utilize separate entries to hit different locations for the same withdrawals at the same time, in effect robbing the target more than once, utilizing the FDIC (or other foreign) insurance policy which will really leave the victim to the USA and the western financial sector.

Naturally the CIA and the US military can use this exploit technique in foreign lands for the exact same purpose, so in this way it is a symmetric opportunity. However, the reality of the situation is that the US does not empower or encourage its population to engage in pilfering foreign peoples and nations, being itself supposedly very rich. However the rest of the world is becoming sophisticated in robbing foreigners, especially the elderly from the USA or Europe, and this is naturally because the world sees them as rich.

Therefore, it should be absolutely expected that digital robbery that bypasses visual and audio recognition will increase asymmetrically in disfavor of the USA, unless the CIA or DEA specifically uses these techniques in its attacks on cartels and terrorists, etc. It's unclear due to the classification system, if the CIA still intends to remain focused on terrorism the most, and is yet to return to its eminent position as a spy agency ala Cold War era. In fact the CIA appears very unprepared for the new war, but this could be a matter of deception, or a matter of mere budgeting. While it's published how much the NSA has expanded and much of DHS, the CIA has remained publicly mum about its expansion efforts, which suits them at any rate. Meanwhile CIA-like organizations in Russia and China are increasing their cyber budgets and manpower. It will be excellent if the CIA (and FBI for that matter) handles its Deep State socialist problems, then re-focuses on AI development and expansion without manpower, so long as it remembers the mandate to **focus on foreign targets**. However, the Snowden leaks have shown the CIA and NSA have violated FISA laws, as has the FBI and DOJ¹⁶⁹, and need to be reigned in by the Joint Chiefs of Staff and the Executive Branch, to be properly prepared for WW3.0.

Online Bank and AI Crypto-Drain as a form of terrorism

In keeping with the theme above, the next natural considering after deep fakes and AI heists is to consider the rise and eventual impact of online banking apps and payments systems. Firstly, it is unclear how many of these systems are or are not secure, in modern digital standards. Judging by a similar enough WW3.0 technology, cloud computing, few companies are building themselves around military grade encryption and one sided access¹⁷⁰. One sided access implies only the end-user can enter the vault.

Certain secure email providers claim and likely are (according to digital audits) unable to actually access emails of customers. This is ideal for online payments and certain banking applications, as is the increasing use and requirement of block chain technology. However, it only takes \$500,000 to start an online bank app, and the regulations are not terribly strong. Therefore, a terrorist or foreign outfit could create an online banking app, attract a number of western users, or global users, or target American market companies in a certain sector (like manufacturing, or VCs), and then "harvest" the vaults. This is similar to the growth of TikTok, a Chinese social media spying and social credit platform¹⁷¹ competing with larger platforms (which also spy on their users, Facebook, Twitter, Instagram, etc.).

Taking it back to the adaptive AI, which might be able to slice through certain cryptologies, or to stage these acts of staged robberies (fake investments, deep fake entries, etc.), and able to start bank runs or crash small markets, creating contagion which could spread from market to market. This could theoretically spread into the IPO process. A deeply inserted terrorist, engaged in subterfuge, could start a company, develop it, take it to venture capitalists, exit, and move on to other investments. Presumably this tech or sophisticated company later on could be taken public. At that time, money is

¹⁶⁹ <https://www.brennancenter.org/our-work/analysis-opinion/how-fbi-violated-privacy-rights-tens-thousands-americans>

¹⁷⁰ pCloud is one of the few services that has it together. Google refuses to have one-sided access, because after all they have been part of the effort to illegally spy on Americans.

¹⁷¹ https://www.youtube.com/watch?v=v_HxspGCgbM

gathered into the company, and investments from wide sectors now cause leverage from multiple directions, to expose the company to planned and coordinated sabotage. This being done in multiple companies, the situation is now ripe for auto-termination (for meltdown).

The sophisticated terrorist, utilizing the company's resources, flees to a country that offers no extradition, or to its host nation, and the slaughter in the market begins. Hacking, draining accounts, mass sell offs, and illegal transfers of funds out of accounts through backdoor connections to tailor made crypto-coins and block chain, into the shadow banking sector, or mafias (such as triads, cosa nostra, yakuza, cartels, etc.) resulting in an out and out multiple crash of IPOs or new companies. When the news hits the market, the *natural assumption* will be a Depression like crash, and the bears will sweep in and short the market, creating volatility **and** volume to enhance the contagion, *leading to absolute bedlam and catastrophe*. Instead of Smash and Grab, it's more insidious: Grab, then Smash.

This contagion naturally will cause the call on credit default swaps, bonds, and other types of insurance, revealing all sorts of toxic debts and scandals in far flung corners of the global market, worsening the news, causing entire markets and trillions of dollars to disappear in a napalm blaze (our proverbial bonfire of paper mentioned earlier) that sweeps through the financial sectors day after day. Wall Street stays open, but China closes its markets and refuses to open them. Debts being called could lead to wars, and many other issues. As the Fed and China move to close the market and holes, credit freezes and dries up. The watering holes of giant bovine and elephantine corporations evaporate, leading to extinctions of whole herds. This is a perfect scenario for the extremist hoping for immortalization.

Wherever the original attack and vulnerability comes from, very likely the evidence is lost or covered up, or forgotten behind weeks and months of worsening news. Or there is simply no justice nor reliability. It matters not, because the average American family or world citizen, does not have even 2 months of savings or the ability to support themselves if they lose their jobs. In emerging economies like China's, which still rely on construction and manufacturing GDP, the entire economy can grind to a halt. Also this can happen in luxury or tourism based economies, such as in certain parts of Europe, or Florida, Hawaii, Thailand, Indonesia, Egypt, etc.

If this scenario is bleak and frightening, it should be, but far more frightening is the lack of preparation considering how possible it is. Given human nature, it might be more apt to say that humanity expects itself to live through the next end of the world scenario, and *then learn how to deal with it*, and so will make no move to guard itself against this type of threat opportunity. This is our ancient tendency¹⁷², and our Achilles' heel: procrastination.

Because of the potential contagion, and the power of this scenario, the author **cannot recommend this exploit to be used**, due to the innate *butterfly effect*. You never know how interconnected finances are, say of a cartel or shell corporation, back to a US politician, or corporate leader. But it should be studied, modeled, and understood in the context of increasing AI and deep fake use, and for defense. It very well could come as a kamikaze attack from China, but that seems unlikely given their exposure in global markets. More likely something like this would come from Iran, Pakistan, Venezuela, Honduras, etc. Places that have been made into proxy locales would constitute places where revenge may overcome common sense. As Michael Cain said it, "Some people just want to watch the world burn."¹⁷³

CDO Meltdown - the Atom Bomb of Economics

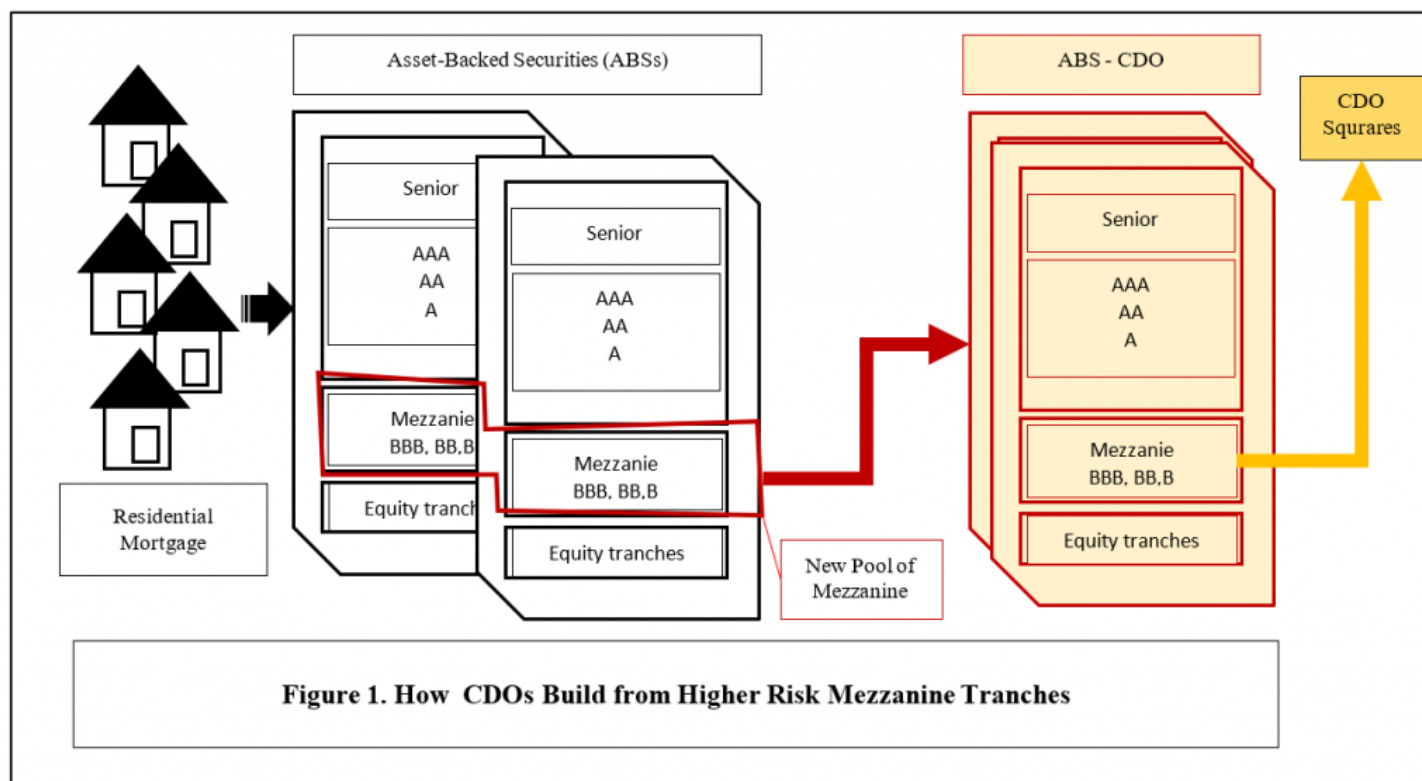
A **collateralized debt obligation** is a type of financial instrument based upon an underlying debt, such as a mortgage. When they are wrapped together, forming tranches (like floors of a skyscraper), the bottom ones represent the worst deals, and the top the best. This is odd, considering the entire skyscraper should be using the bottom floors as the foundation. But the thinking is that the mortgages are unlikely to fail in enough floors to sink the entire CDO. Furthermore, the mezzanine floors are bundled together in a new form of CDO called a Synthetic CDO - or in the US now

¹⁷² <https://www.cia.gov/library/readingroom/docs/CIA-RDP79B00752A000300070001-8.pdf>

¹⁷³ "The Dark Knight"

called *Bespoke Tranches* since the 2008 meltdown made them unpopular or even illegal - and these are packaged and sold as financial investment instruments for funds to invest in and make more money from the same basic investment source. Somehow this is supposed to make them stronger. The author doubts that very much (repackaging B level credit to AAA seems incredibly suspect).

Somewhere there has to be a real underlying asset, such as a home, building, factory, commodities, or fleet of vehicles. Ideally the best underlying is gold. However, the fact is that most CDOs are based on real estate. The truth is that banks prefer real estate, and offer the best loans on real estate in Loan to Value offers of (in America) up to 80-90%. But the reality is that someone has to be making payments on that underlying asset.



Credit: Wiratama Institute

The crypto currency market has no underlying: it is supported by hype and continual injection of foolish money. One can literally place coin momentum against Google Trends and other search instruments. Its use is really limited to **exchanges**, otherwise it acts as a Ponzi Scheme.

CDOs and various bond markets have an underlying. But, how many floors can you add to a home before the foundation cracks? How much of the mortgage payment can justify reloans through these highly speculative leveraged instruments? According to the Federal Reserve, banks can loan up to 10x the original loan amount¹⁷⁴, but what about CDOs? If a bank, such as Morgan Stanley, offers sales of products to offset loans in their mortgages, can they extend this to 100x? Leveraging of MBS (mortgage backed securities) just prior to the last meltdown in 2008 was over twice that of the commercial loan market¹⁷⁵, and according to many economists, it is far worse now¹⁷⁶, and the CDOs have spread worldwide, especially as MBS.

¹⁷⁴ https://upload.wikimedia.org/wikipedia/commons/4/4a/Modern_Money_Mechanics.pdf

¹⁷⁵ https://www.brookings.edu/wp-content/uploads/2016/06/11_origins_crisis_baily_litan.pdf p21-22

¹⁷⁶ <https://www.investopedia.com/how-leveraged-loan-stocks-could-spark-a-new-financial-crisis-4586401>

CDS: Threat or Opportunity?

This leads to an asymmetric threat, and also important - maybe the most important - opportunity of exploit and economic warfare (and of course lawfare in settlements): the Credit Default Swap net. So what are Credit Default Swaps?

"Credit Default Swap: a financial contract whereby a buyer of corporate or sovereign debt in the form of bonds attempts to eliminate possible loss arising from default by the issuer of the bonds. This is achieved by the issuer of the bonds insuring the buyer's potential losses as part of the agreement. 'fears of so-called counterparty risk arising from credit default swaps were central to the investment bank's unraveling in March'"

They are mostly unregulated bond instruments¹⁷⁷ which act like a form of insurance policy¹⁷⁸. Because they are contract agreements between a buyer of risk and a seller of a premium, they represent a difficult to quantify market force. However, it is safe to say that after 2008, they have definitely become far more important hedge instruments in leveraged markets. What an insurance policy can do for a house fire, or a net can do for a falling trapeze artist, the CDS offers a chance for capturing the kinetic energy of falling financial instruments. Put options and covered calls, can do something

similar for stocks, in bear or bull markets, but work best as hedges in bear markets.

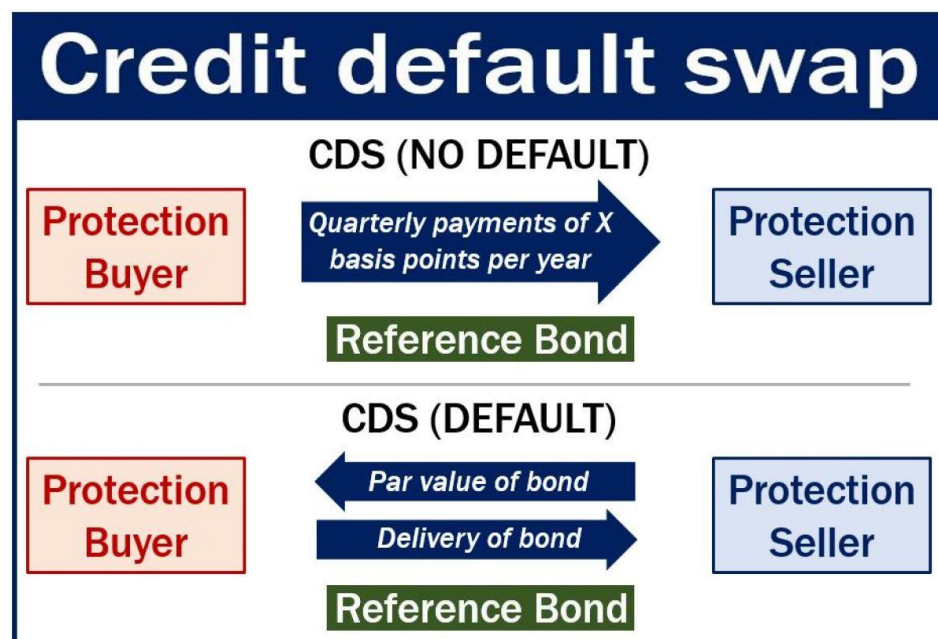
Similarly, CD swaps can be sold in bull runs, but they lose their value except for the premium, whereas in a bear markets, or runs, they become worth potentially up to 100% of their market value (not realistically though), assuming there is anyone left to buy them back or call on the bankrupted entity.

This is very important in two ways. Firstly, it represents a method whereby the US government can create a hedge 'privately' and if done publicly, *a veiled threat in a foreign market*.

Purchasing a massive number of swaps

can act as future investments and send a message of downgraded sentiment of that target. Obviously when the market (say Spain, Venezuela, Greece, Zimbabwe, etc.) collapses, the value of the CDS will be in swapping the paper for real estate, 99 year leases, mineral rights, port access what have you, in the target country.

Secondly, it represents a major threat to any target country, in that much of the value - while saved from complete forest fire of contagion in a panicked market - will simply leave one country for another, and can cause *immediate and sudden, dramatic* shifts of power in the world geopolitical scene. This could be - for the US at this time - an undesired



¹⁷⁷ <https://fortune.com/2012/06/18/why-its-time-to-outlaw-credit-default-swaps/>

¹⁷⁸ https://www.washingtonpost.com/business/credit-default-swaps-are-insurance-products-its-time-we-regulated-them-as-such/2012/03/05/gIOAAUo83R_story.html

situation. But, depending on the Shi, it could represent a strategic option if China and Russia, working together, start to shift the petro markets away from the dollar towards the RMB, or the World Bank and China toward the SDR.

In such an unacceptable situation, the combination of techniques listed above, and the placement of purchases of CDS's in foreign target markets could serve as a not-so-veiled threat which no economy outside the US can afford to call America's bluff. A **monetary "nuclear deterrent."**

Meanwhile, the US must work to safeguard against unregulated CDS purchases *within* the US which are designed to *draw and quarter the US financial market at a preselected time* when the NWO powers decide it is time to pull an Argentina, pull out their money, and move to China or other markets. If they coordinate this, through an unsuspected ally in the EU - or via an NGO like the IMF or World Bank - it will be difficult to control the contagion, even for the Federal Reserve, because the CDS markets are largely unregulated and the contagion will be too frightening. Since they do expire, the caller of the premium can pressure the debtor same day and force a swap, long before regulators can investigate.

If this happens quickly, it'll overwhelm the SEC and FDIC, and promote criminal banker terrorism, credit terrorism, and foreign invasion. The fallout in lawfare settlements could take years, and as stated before, it isn't so certain that the American courts would protect American companies and banks¹⁷⁹, given their tendency to view foreigners and foreign companies as victims of American corporate hegemony, when in fact a lot of time foreign companies engage in forms of fraud and corruption¹⁸⁰, and lie in American courts¹⁸¹, or to Interpol. It isn't what happens, it's what you can prove.

Once the swaps conclude, it is difficult to prove that one party was forced into a negotiation without prior knowledge, or for no good reason. Realistically, the swaps will be upheld, and American assets and territory could end up in the hands of foreign conglomerates, for pennies on the dollar, or even nothing.

AI Market Speculation, Asymmetrically Applied

The reader is beginning to get the feeling of this text, about asymmetric attacks. But not all of them are necessarily catastrophic. In the case of the best use of AI, it is in the futures and various speculations markets, where the most genius and practically undetectable (save some form of failure, fraud, or whistleblower) attack is AI adjusted speculations. **There is no need to invest**; the program can be made to produce reports, advertising, negative advertising, fake news articles, do social media campaigns, etc. However, for firms and funds interested in controlling the positional advantage, they will utilize techniques to become the *market makers* and try to lead the price up or down (for example in the stock or commodities market). By doing so they can corner each other and lead one another into hostile takeover bids, just as other banks led Lehman Brothers into bankruptcy and no one on Wall Street came to rescue that firm, preferring to scavenge on its remains¹⁸². It isn't that Lehman Brothers or AIG wasn't mismanaged, it was. But clearly it was in the interest of surviving firms to subsume and absorb the clients and assets of those defunct firms and other banks (like Wachovia, AIG, etc.). Business is war, in the truest Japanese Capitalistic meaning. Therefore the firms which create the most virulent, aggressive, adaptive AI to hedge the market, especially after hours and before the opening hours of the market, will lead to the strongest positional advantage.

But, where this reaches truly Total War, is with the meddling support of a financial currency regulation system, raising and lowering interest rates to hedge against other countries, and foster their own markets and companies - for example SOEs - against foreign ones. Think again of China's Centrally planned banking system.

¹⁷⁹ Paid for politicians and Deep State operatives might be paid to engage in Smash and Grab operations, instead.

¹⁸⁰ https://www.amazon.com/dp/B07BOLK1WW?ref=imdbref_tt_wbr_aiv&tag=imdbtag_tt_wbr_aiv-20

¹⁸¹ <https://apnews.com/0a072886fe6a491db77211ede380c6e4>

¹⁸² <https://www.investopedia.com/articles/economics/09/lehman-brothers-collapse.asp>

While the American and European way is honorable or trusting in letting the markets more or less follow the laws of economics in situ, the Chinese system is more powerful for Art of War purposes. It has more use in punishing foreign firms and giving home firms advantage (even beyond the subsidies and no taxes, etc.) because those stock markets are controlled tightly by the CCP for the reasons of geopolitical optics.

If the CCP finds a way to drain the financial ledgers of American and European, or Japanese and South Korean and Taiwanese or even Hong Kong firms, in order to advantage the SOEs, then the author asserts they absolutely will. They have no stated reason not to, if the WTO will not actually punish them for it (or they simply sidestep the WTO and replace them with their own trade organizations..) That's the issue.

The NGOs, in fulfilling their roles for the New World Order, seem to *mysteriously support the communists'* plans. This is strange considering how doubtful it is that the CCP will share the Royal Sway with them. But the attraction of the massive Asian markets must have a very alluring scent, and for this reason they must trust the words of the CCP, PLA, Politburo, etc. (even while distrusting Russia), and that brings them into the Venus Fly Trap¹⁸³. Whatever can be said about the intentions of China in the geopolitical and economic landscapes... they are **no longer backwater and unsophisticated** and they **should not be underestimated or any motive discounted**. To do so is to commit a major Art of War fopaa, and after all, the Chinese feel, as does the author, that then the "victim" is not really a victim of others but his own stupidity.

"A fool and his money are soon parted."

CONCLUSIONS

The author has an anecdote or allegory for the latter statement. Actually, it is the story put forward by George R.R. Martin called the *Game of Thrones*. GoT is on its surface a fantasy but actually it is George's way of teaching practical and historical geopolitics in modern times to a wider audience, to toughen them up to the realities of war. In the very first book (and TV season), the Stark family falls from its vaunted and safe position in the unified north¹⁸⁴, to complete devastation, capped by the death of Ned Stark, the father. The father had been asked or required as the case may seem by the king to become the Hand of the King, an incredibly powerful position. Let's call this the Pentagon's position. But, Ned made three incredible mistakes. The first was not to use any excuse to decline the position (typically the ancient Chinese employed illness or feigned humility and inability). Then if this didn't work to require the King to make certain guarantees of unchecked power. If he says he doesn't want to run the kingdom, then he must be required to give up power. In ancient China the general would require the Yue and Fu axes as symbols of authority, and disregard the king's orders in the field.

The second mistake of Ned Stark was far more grievous for it was really three mistakes compounded into one colossal one. The first was to take his children with him, splitting the family, below the neck where Starks were said to "melt," and to trust that people in far flung places of the kingdom believed in morality and rule of Law. He failed to capitalize on the use of spies - another Art of War fopa - and so became entangled in local, regional, familial, and economic politics which he had no hope, mind, or desire to understand. He wanted everyone to behave *as they should*.

This led to the final mistake, which cost him his life: he presumed upon the right and good, and upon title and order to get what he wanted, rather than testing the strength of his power beforehand, and the loyalty of others. When the author read the book he was struck by the number of Art of War mistakes Ned Stark made, and was irritated by the fact that it was so destructive to Ned's family, and ruinous to king and nation. Almost every single decision made was wrong. Just like General Robert E. Lee at Gettysburg: one long series of misfortunate, ignorant, unforgivable mistakes. The Art of

¹⁸³ <https://www.youtube.com/watch?v=vJ4LwWdhymE>

¹⁸⁴ This is caused a Black Swan event, chiefly the madness of the sister and her plot against political players in the far south, all regarding her son. The previous Hand is murdered, under mysterious circumstances.

War, and its nine or ten sister texts in China, teach one about the vagaries of warfare, the use of spies, of leaders, types of leaders, etc.

As one could suspect Ned Stark is not the kind of man fit for being a Hand of the King, he's barely fit to run the castle he grew up in. He was naive, foolish, and ultimately responsible for the death of his eldest son and wife by leaving them exposed in a world that is inherently dangerous.

In that world, a man is not fit to be called a man if he cannot protect that which he is responsible for. In the modern context, a leader, president, general, etc. is not fit if they refuse to take the time to understand the Enemy, or potential enemies, their motives, their potential and unknown motives, and take reasonable steps to mitigate them. Such a leader is either a fool, or possibly a traitor - knowingly or unknowingly, through greed or avarice. But in the end, they are not the victims when they lose power or are killed: the People are.

This document has covered many forms of as-of-yet unutilized or sometimes unspeculated upon Total War (Unrestricted War) techniques which are asymmetric in application. They defy the need or use of retaliatory tanks and weapons typical of warfare. Particularly the lawfare and economic attacks typify this situation. It does not mean that those methods cannot or should not be used. Sometimes the bluff of a bully is so much worse than his bite, and that a good strike will work¹⁸⁵.

A decisive action is usually better than an indecisive one, in war. People prefer to follow a bad leader, as well, to an indecisive one. This is because of human nature, and the warrior within people.

When it comes to asymmetric warfare, it seems and is unnatural, unjust, and unfair. This means that, once outed, people will demand Justice. If the US is unable to give it to them, no matter where in the world, the People will hold the American government responsible, not the Chinese, Russians, etc. Having been late to two world wars and yet ultimately bringing them to a conclusion, and then being involved in three poor wars, has shown that there is a weakness in the Republic's decision making matrix. This leads to a loss in confidence in capitalism and democracy and Lockian or Jeffersonian values.

The American experiment has yet to be proven conclusively to be the best. It has contagions and systemic crises that have spread unchecked to deal with, and the Republic is almost hopelessly behind in dealing with many of them. If America's enemies manage to pull together or get their affairs in order for mounting a series - rather than one only - of asymmetric attacks, the author feels that Civil War or even violent Revolution will be the most unfortunate outcome. During which time, naturally, the Royal Sway will shift, almost unseen but definitely tangibly, to new foreign powers which *do not share* American principles and values of the 1776 experiment, or even despise them, unjustly. Jihadis, communists, fascists (nazis), socialists, anarchists, and oligarchs - even monarchs - may find purchase and power. They will aid each other to achieve the overthrow, but they will not support each other afterwards, and the chaos of this mix will be more dangerous than the volatility of AI manipulated markets overleveraged by CDOs! It is for this reason that the author will list a small series of traditional warfare and economic undertakings which are of vital strategic significance to shore up the positional advantage of the USA:

Top Suggestions by the Author

1. Decrease the debt:GDP ratio to under 50%
2. Increase the Navy and Airforce development of anti-ICBMs and launch new satellites with onboard protection and enough of them to act as backups.

¹⁸⁵ Again, after having written this paragraph, President Trump proved this with a skilled Pentagon planned and his hand-approved strike of Iran's General Soleimani, January 3rd, 2020

3. Reign in the Deep State by retiring Reagan, Clinton, Bush and Obama era senior officials, by cutting funds and firings. Then rapidly expand them afterwards
 - a. Funds saved can be used to supplement the highways system for a 5-10 year period, aggressively creating real jobs.
4. Increase defense sigint and humint efforts and train 10x as many hackers and programmers, offering excellent incentives.
5. Decrease regular army and increase militia support and offer civilians and police military training.
6. Cut back immigration from Asiatic regions and require that more come for training to stay afterwards.
 - a. It would help to increase training in American history and values, from officials that are still loyal to the Republic, and not to Cuban or Soviet persuasions and other socialist utopian schemes.
7. Invade portions of Mexico to overthrow cartels and corruption, and if the government does not help, replace the Mexican government leadership with newly elected leaders. Ensure a clearing of corruption in the Mexican government, and also at the same time in America.
8. Dismantle La Palma in a secure and top secret manner.
9. Develop the first ion cannon type machines.
10. Enable sigint AI adaptive algorithms to take control of drones which fly remotely near to certain key installations like airports and military bases.
11. Replace GDP losses with natural reserves.
12. Expand aid to Taiwan on the level done for China, and make India a full partner.
13. Promote India's superpower status as an encirclement to China (they are most similar and sympathetic to us, and have the right size of population and GDP growth)
14. Encourage ultra deep mining and space energy exploration.
15. Regulate online banking and payment systems to eliminate contagion, and explore CDS options in anticipation of another 2008 style CDO meltdown.
16. Establish youth teaching for weapons, hacking, and capitalism.
17. Create a "well regulated militia."

The accomplishment or lack of accomplishment, of this checklist will ultimately - in the author's opinion - determine the outcome of WW3.0 and therefore World War 3.

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