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## **Review of historical book “San Cai Historical Memoirs in Television”**

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### **Abstract**

*Recently, it was published the book “San Cai Historical Memoirs in Television” (ISBN978-613-8-33432-3). It is historically significant in that it is described many recent great political and social facts in television even more attractive than presidential election. It is described the US satellites traced and read the brain of Zi-Jian Cai popularly known in television. It is described that, under the leadership of Zi-Jian Cai, the Chinese people practiced for the first time the democracy calling for law execution, and established the new theory for armed police. It is described the people in Mideast proposed law to revive the species and the history. It is described the world people altogether applauded and demonstrated the advantages of democratic parliamentary system with flexibility of changing prime minister. It is described the world people altogether made use of “Marx-MingXun calling for competitive election” to revise the disciplines and flag of communist parties, while practiced for the first time to control the democratic crimes with the party disciplines of various parties. It is described Zi-Jian Cai and the satellite operators led the world people to successfully unify the four forces in physics with the electromagnetic force.*

***Keywords: People History in Television, Scientific History with Videos, Unification of Four Forces, Theory of Armed Police, Revival of Race by Law, Control of Democratic Crimes, Satellites Reading Brain.***

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**1. Introduction:** The propagation of television and internet has naturally influenced the politics. For the attractive election of US president, it is necessary to rely on television to let the people comprehensively catch the abilities and styles of various candidates. The present US president Trump needed television to convey his jokes and funs during election. Without television, he would not have won the election. The television becomes the indispensable part of political activities, such as the presidential election, whereas the newspapers are not competent.

Recently, it was published the book “San Cai Historical Memoirs in Television” (ISBN978-613-8-33432-3)[1]. It is historically significant in that it is described many great political

and social facts in television on the democratic politics and people's history even more attractive than the presidential election.

**2. The Satellites Reading the Brain:** In the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3)[1], it was introduced at the beginning that I, as the author Zi-Jian Cai, was born in 1965 in Hefei in China. During 1990-1991, while young, I was staying at home to read and study many updated international scientific literature copied from the library of Shanghai Branch of Academy of Sciences of China. Hence I integrated and created two new important brain theories, and published them on international journals: (1) The limbic-reticular coupling mechanism to explain the memory consolidation and retrieval of medial temporal lobe[2]. (2) The demonstration of the indispensable function of slow wave sleep to adjust the emotional balance disrupted by emotional memory accumulation[3]. Since then, I became a neuroscientist, while in 2015 I published my third theory on brain suggesting three interactive neural processes organizing language as semantic memory association, procedural grammar syntax and episodic modality coordination[4], which would be perspective in application to automation of language.

In September in 1994, the author went to Northwestern University in Chicago to make up and study for the PhD degree. There I encouraged the love psychology in society, actively improved the religion of Christianity. Meanwhile, I proposed to learn XiaoPing Deng in favorite of the country, so as to promote the democracy of China mildly while not to support democratic revolution. Hence, I began perceiving being traced by US satellites in 1997.

In the book[1], it was described that, at that time, the technology of thermoacoustic vibration of air with infrared or microwave had matured for US satellites[1,5], so that the operators of satellites were able to talk to me directly with the infrared laser beams of satellites. My speech sound was able to propagate at least 20 meters away in all directions, so that the reflective area of it would be about 1250 square meters on thermoacoustic microwave/infrared detectors of satellites, corresponding to the size of a military bomber, definitely within the detective range of most military satellites[1,5]. The brain was about 20W in energy, far exceeding the reflective waves of radar in energy. In this regard, it was not difficult at all for the detective equipment to read brain with satellites[1,5]. In 1997, when I began communicating with US satellites, we talked with voices, but soon the US satellites were directly able to read my brain, able to detect what I thought in mind without the necessity I spoke out the contents with voices[1,5].

Because of the terrors and disturbances from satellites, I was forced to return back to China in that year. Nonetheless, there were assigned many Chinese and US operators of satellites as assistants to me, specially using the infrared/microwave thermoacoustic vibrations from satellites to shout what I wanted in my mind to shout to the society.

Around 2000 after I returned back to China, I started to collect the direct evidence of satellites reading out the brain. In that time, I started to make use of the technology of radar

satellites as microwave-induced thermoacoustic topography, and to direct the satellite operators to follow me and shout loudly to the public, striving for and facilitating the progression of democracy in China, accordingly eliciting the attention of the whole world. Satellites reading out the brain were repeatedly perceived and recognized by the people in television. Besides, some privacies of mine, such as my dreams, my privacies in primary schools, my opinions on various classmates in university, my details in going to see physician and playing chess, my viewpoints on various politicians and judgments on political situations in television, and so on, were all known and comprehended by the world people, and could frequently be found in the videos of television after 2000. Satellites reading out the brain became the papers written in television. In 2015, according to these realities recorded in television, I made up and published a paper about the US satellites reading out the brain[5]. Early in 2018, I published the book “San Cai Historical Memoirs in Television” (ISBN978-613-8-33432-3)[1], also introducing the US satellites reading out the brain.

### **3. Democracy Calling for Law Execution, and Theory of Armed Police:**

**3.1 The republic revolution winning over the system of monarchy:** Most countries in the present world adopt the system of republic or federalism. Even though a few countries such as the Great Britain still keep the king and royal family, they also realize the constitutional monarchy, returning the government to the people. This is the result of continual revolution during the recent hundreds of years in various countries in the world. Such countries as Brazil, Mexico, Russia, China and so on have all overthrown the rule of monarchy and realized the republic system. Nonetheless, some republic countries substituting the rule of monarchy still adopted the autocracy of party or religion for a period of time in history, such as the Republic of China, the Soviet Union, and so on. These are all common knowledge.

In this regard, the historical promotion to turn the system from monarchy to republic is not only because of the elevation of the social status of Bourgeois class, nor only because of the democracy and freedom, but also because of the difference of the two systems to resist the revolution and violence. In the system of monarchy, the royal family rules the country. However, in confrontation of such revolutionary and violent actions as war, terror, murder, and so on, the royal family cannot pay much sacrifice, while the republic system does not have this defect, no matter it is democratic or autocratic by party and army. Chairman Zedong Mao, when commenting the “Water Margin” during his aging years, literally propagated that the rebellion should target at the king. After revolting and segregating, it is feasible to use the heavy weapons for war to strike the king and the royal family. All these have been discussed in the book “San Cai Historical Memoirs in Television” (ISBN978-613-8-33432-3)[1].

**3.2 The democracy calling for law execution:** In the book “San Cai Historical Memoirs in Television” (ISBN978-613-8-33432-3), it was well described the whole process of Zi-Jian Cai in leading the democracy calling for law execution in China[1], as the followings:

From 1992 to 1994, I worked in Shanghai Institute of Brain Research, while my parents lived in SuZhou, so that I took train to see my parents every weekend. At that time, I perceived the domestic army contended for might and substituted XiaoPing Deng, and recognized that the Chinese philosophy "Winner to king, Loser to gangster" was miserable. I proposed that, now that the king was the same as gangster, then it should be necessary for the country to belong to the whole people, and then to acquire legal.

From 1994 to 1997, I was in Chicago in USA. In 1997, I began perceiving the US satellites tracing me, while I returned back to China at the end of that year. During the period from the end of 1999 to the beginning of 2000, because the operators of satellites continually disturbed and hurt me, I said that the accommodations to me were below to the leaders of strike of June 4<sup>th</sup>, then it would be the same to me if I promoted the democracy. The laser ranging satellite projected a thermoacoustic picture of a man of People's Liberation Army, and said with rather emotional voice that with my help and promotion, all things in China would improve. The Chinese and American operators of satellites were both excited, quite happy in atmosphere. They finally caught a good assignment assisting to shout out my brain to promote democracy with satellites, and the job of satellite operator was a good job!

Soon, I perceived it was present an important psychological obstacle to the democracy of China, that was the old revolutionists of YanAn and People's Liberation Army(PLA) both accounted the country as owned by themselves, while most people also consented on this point. Democracy would partly usurp their country, just as usurping their properties. In this regard, the old revolutionists of YanAn and People's Liberation Army both objected against democracy from their hearts, nonetheless the people were not so cruel as to usurp the properties of theirs. It was necessary to overcome this difficulty. At that time on the street of HongQiao District of Shanghai, it was rich in the atmosphere of internationalization and properties, salient in the philosophical belief of private property. They made me think that the country was supplied by such developed areas as Shanghai and so on, hence should be the property of paid taxes from such areas as Shanghai and so on. I immediately recalled and cited the term "Property of paid taxes" I learned from television plays previously, which was the term the US people disparaged the police. I admired much the old American concept of "Property of paid taxes" as really wise and correct.

"Property of paid taxes, Owned by the whole people" was law, but not revolution, so that my promotion of democracy was legal, was law enforcement. Soon, I added such domestically legal language of democracy as "democratic autocracy", "democratic party", and so on, and directed the satellites to shout loudly in Chinese in Shanghai and SuZhou, breaking through the unhealthy situation in China after the June 4<sup>th</sup> Incident in 1989 that most people in China did not dare to say democracy[1].

Because my advocacy of democracy was not responded by the leaders of China ZeMin Jiang and Peng Li at that time, around 2001 I and the people said if they continued neglecting democracy as the law of country, it would be legal to call for police to promote

in force, while the people could even actively execute by law, bravely enforce the law. This was the worldwide famous movement of "Democracy calling for law execution in China"[1]. Through the satellite shouts I directed and the relay of television, it influenced the people in the whole world, and the world people paid high attention to it[1].

It had been achieved the victory of democracy sometimes by nonviolent peaceful march and strike previously, such as India, Thailand, Korea, Philippine and so on, in which there had usually been big countries of democracy such as the United States to promote directly. Sometimes, it had also been adopted the violent revolution or coup, such as France, Russia, Romania and so on. The slogans they had utilized were human right and freedom, democracy and progression, putting down or overthrowing the reactionary rulers, whilst the law and order were usually the slogans the autocrats had often utilized. This time it was the first time in the world for me to lead the democracy calling for law execution in China, not limited to the slogan I created for the first time, but as the practical performances with determined aims and repeated accumulations, overcoming the defect of revolution and war in relying on the temporary eruptive forces. It was the first time in practice for the law force of humans to formally help the people to strive for democracy, hence it was scientific in characteristics. From television, the world people began advancing all the way, manifesting lofty and vigorous in spirits, and rising high in self confidence, hence it was one of the historical turning points for the democratic forces of humans to achieve significant predominance[1].

In China, democracy calling for law execution has not got the support from the leaders in Central Committee up to now, whereas many provincial and municipal leaders paid some attention to the law of democracy of people. Prior to 2005, the municipal leaders KuangDi Xu and LiangYu Chen in Shanghai recognized the law of democracy relatively seriously in television[1]. Although violating the regulation of operation in economy, LiangYu Chen cared the old cadres from YanAn and New Forth Army, supported the legal democratic autocracy in China, very respectful on politics. From 2008 to 2014, in television the Muslims in XinJiang, HuaHua Huang and Yang Wang in GuangDong, the people in GuangDong and GuangXi, the masses and leaders in the old liberated areas of New Forth Army in Northern JiangSu all paid attention to that the democracy was the law of republic country[1], and improved the political status of people then in those areas[1]. Later, BenShun Zhou of HeBei also followed the measure of democracy[1], but regretfully he made mistake on economy. The practice of democracy calling for law execution for the first time demonstrated that with the support from the force of law and police, the struggles within and across the parties became the effective methods of striving for democracy. In television, the sportsmen and the soldiers of People's Liberation Army concerned and discussed the democracy, such art performances of China Central Television as "The Same Song" and "Happy Travel in China" were the happy gatherings of artists and audiences to discuss democracy. The videos of television were very abundant, as mentioned in the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3)[1].

**3.3 The theory of armed police:** In the book “San Cai Historical Memoirs in Television”(ISBN978-613-8-33432-3), it was also described the whole process of my leading to establish the theory of armed police[1], as the followings:

In 2001, “Property of paid taxes, Democratic dictatorship, People execution by law” was the satellite slogan then for me to encourage the people to strive for democracy. Nonetheless, early in 2000 or earlier, I had often utilized the internationalization and world police to protect the people in Shanghai, hence the world police had already been popular for several years. Since 2001, I and the Chinese people just combined them with the democracy calling for law execution, corresponding to the international law salvage, whilst I directed the satellites to shout in Chinese: “Property of paid taxes, Democratic dictatorship, People execution by law, World police”. Soon I pointed out that the police could act earlier, could shoot once the opponent initiated illegal action, whilst the army had to wait for command prior to action, quite clumsy and slow. During the peaceful time, the police could monitor the army from time to time, especially the officers, making them compliant as the eunuchs[1].

Since then, I, the satellite operators, the Chinese people and the world people all began imitating the police to fight against the army, whilst naturally realized it necessary to equip heavy weapons to the police, including the missiles, the rocket artilleries, the helicopters, and so on[1], proposing to establish the armed police. It was also feasible to transfer the budget of army to that of police, combining the two budgets into one, and direct improving the efficiency in usage of the budgets for armed troops. Besides, the logistics of armed police could be dispersed and socialized, and the missiles and rockets of armed police were strong in concealment, possessing tactical advantage, whilst the logistics of army was easy to be attacked in war.

In May 2004, I collected the relevant contents and formally wrote the book “Weapons, Armed Troops and War——The Armed Police Winning over the Army”. On April 3, 2009, I began spending several months to edit and modify the English version of this book with the Russian song “Katyusha”. Under the music of “Katyusha”, I repeatedly edited and modified the English version of this book, while adopted many parallel phrases and sentences, and spent efforts on modifying the fluctuations and rhythms of causal and adversative tones of long sentences, making them fit the musical rhythms of “Katyusha”. In 2016, the English version of this book was formally published in Germany(ISBN : 978-3-659-95272-2)[6], with its contents as the followings:

## **Book, Author and Writing Style**

### **Prelude**

### **Music Background for Rhythmic Writing**

### **Contents**

Chapter 1 The Brief Situation of Weapon Development Up to Now

Chapter 2 The Critical Properties of Weapons and the Trends of Their Improvement

Chapter 3 Weapons Can Be Similarly Equipped to the Police to War

Chapter 4 The Strategic Predominance of Armed Police---Budget, Equipment and Training

Chapter 5 The Structure of Command and Measures of Communication of Armed Police

Chapter 6 The Defensive Tactics of Armed Police in War

Chapter 7 The Offensive Tactics of Armed Police in War

Chapter 8 The Strategy and Tactics of Strategic Long-Distant Strike and Revenge

Chapter 9 The Appearance of Armed Police Would Affect All Countries in the World

Postscript Dream Katyusha Sharing

In 2006, I learned from internet that in several small countries represented by Mauritius and Costa Rica the army and police were unified because of various social and historical reasons. It could be conjectured that, since 1980 the people there might sometimes compare the advantages between the armed police and army in television. However, the practice of democracy calling for law execution I led for the first time increased the courage of the people in various countries in the world, and hence significantly contributed to the establishment of the theory of armed police, not afraid of the provincial and municipal police to cause the professional autocracy due to their becoming too strong and too many[1]. These could not be substituted by the national situation of the two small countries, and should be the historical background of social force and critical point of our creating the theory of armed police with the premise of guaranteeing the democracy[1]. In television, WeiFa Liang as the director of police in GuangDong province, declared to support the establishment of armed police[1]. Nonetheless, I was willing to share the achievements of this book with the Chinese and US operators of satellites, the China as a big country, as well as several small countries represented by Mauritius and Costa Rica, jointly creating the prospective future of civil progressions[1].

#### **4. Law to Revive the Race and History:**

**4.1 Law to revive the race:** In the book "San Cai Historical Memoirs in Television" (ISBN978-613-8-33432-3) [1], it was described that, on February 12, 2007, in the English international news of China Central Television, some people in Middle East pointed out that, in case the intelligent robots hoped to illegally annihilate the humans in future, they would hence make the huge crime, and would sooner or later be punished by law. In case it was possible to revive the humans, it was possible to reduce the crime of annihilation of humans to the most extent. Therefore, if a legal intelligent race was illegally annihilated, it is necessary for the law to require the society to invest money and technology to revive the legal race.

On May 24, 2013, in the English international news of China Central Television the people in various countries suggested[1] that the principle of law to revive the legal race proposed in the Middle East should belong to the regime of social law, whilst the armed independence would be the corresponding national action of law. On October 18, 2014, the

people in various countries in television determined[1] that it was most appropriate for Washington in USA to represent the leader striving for the legal national armed independence after the principles of democracy and law were propagated to the people.

**4.2 Revival of history as the duty of race:** It was pointed out in the book[1] that, similar to the revival of race, the history should also be revived. If a part of the historical materials of a country was destroyed, it was necessary to copy the relevant information in the adjacent countries to revive[1]. On August 3, 2008, the people in various countries found[1] that the democrats and democratic countries protected all histories, while the autocrats and autocratic countries destroyed the history of democrats. It was reverse in both force and consequence, so that it must be corrected, requiring to revive the history of democrats in priority[1]. For reviving the history through the materials from multiple countries, it should further apprehend the responsibility of the whole people in the country where the history was destroyed, so that it was the duty of race to protect the history.

**4.3 The author Zi-Jian Cai as the special human subspecies:** It was described in the book[1] that, in 1997, when I was in Chicago and at the early time I perceived being traced by US satellites, there happened a strange event. The US operators of satellites argued that I was too competent in ability, reforming the US religion, and instigating the American people to worship me, so that they required me to suicide, otherwise they would use the nuclear weapons to annihilate the whole humans on the earth. I would certainly disagree with such ridiculous requirement, but I was also scared, and shouted via satellites to Russia, China to prepare for war, so as to prevent against the nuclear attack from a few extreme military persons in US[1]. Soon, I returned back to China.

Even though it was obviously a prank, I still offended the emotional feelings of the whole humans from it. In 2012, according to my altitude in Chicago in 1997 shouting for war instead of suiciding when dealing with the threat to me to suicide with annihilation of whole humans, I and the people in various countries in television defined me as belonging to the subspecies of humans and local police, defending and counter-attacking[1]. The scale of my descendants should not be bigger than the subspecies of small village of humans[1].

It was thus described in the book[1] that, if I could not find a woman to marry because of the trace from the Chinese and US satellites, as well as from the autocratic terror of Central Committee of Party in China, it would be equivalent to the extinction of subspecies of small village. Therefore, it would require one small district of Beijing where the base of Chinese satellites and the source of autocratic terror was located plus one small count Goddard where the base of US satellites was located both also be extinct naturally to compensate for my loss, which was law[1].

## **5. The Control of Democratic Crimes with Party Disciplines and the Movement of "Marx-MingXun Calling for Competitive Election":**

### **5.1 The movement of "Marx-MingXun calling for competitive election"**



In the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3), it was described the whole process the world people altogether made use of "Marx-MingXun calling for competitive election" to revise the disciplines and flag of communist parties[1], as the followings:

On December 27, 2008, I and some bureaucrats in Beijing in television simultaneously realized it necessary to use the method of materialism and development to criticize the autocracy and correct the autocracy of Communist Party of China. In the latter half year in 2010, according to the special previous experience of my father MingXun Cai as one of the earliest members of Communist Party to run for the plant manager in competitive election under the leadership of Communist Party of China during the early stage of socialism, I started the movement of "Marx-MingXun calling for competitive election", in order to increase the democratic force within the Communist Party[1]. The democracy of socialism must undergo competitive election, let the people understand and compare the candidates. In 2011, in China there held the direct election of people's representatives at the basic level in districts and counties. Taking the advantage of the direct election at the basic level this time, with the slogan of "Marx-MingXun calling for competitive election", I actively promoted the cultural construction of democracy in China, letting the Chinese people to learn and imitate the culture of competitive election, catching the routine manner of election in various countries in the world[1]. In the latter half year in 2011, before the people to vote, I directed the satellites to shout loudly in Chinese: "Marx-MingXun calling for competitive election, the same song sounding around the whole China"[1].

On November 8, 2011, in evening from television news I saw JinTao Hu and BangGuo Wu as the major leaders of Central Committee voted to elect the people's representatives in their municipal district. JinTao Hu and BangGuo Wu expressed that the elective activities of candidates were not sufficiently active and comprehensive, so that they were implausible to fully know about the various candidates, which required improvement with effort. This is the indirect recognition to the movement "Marx-MingXun calling for competitive election"[1].

In the election at the basic level this year, millions of the people in Beijing enthusiastically participated in the vote, active in democracy, very popular in the culture of democracy. The independent candidates in GuangZhou participating in election for the people's representatives sharply increased several times, and the elites in the people in GuangZhou facilitated the direct competitive election of multiple candidates at the basic level. These were all described in the book[1].

In the basic election in China in 2016, it happened to meet with the general election in USA. The US presidential candidate Trump played jokes, and relied on funs and jokes to attract votes, affecting the image of democratic culture, so that I had to give up the propagation of democratic culture this time.

**5.2 The control of democratic crimes with party disciplines:** In the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3), it was described the whole

process the world people altogether practiced for the first time to control the democratic crimes with the party disciplines of various parties[1], as the followings:

On the beginning of 2005, for the first time I made use of "People law demo" to demonstrate the progressions of humans in democracy and law during my era, and therefore for the first time the humans followed me to deal with the difficult problem of democratic crimes[1]. My propagation of love in Chicago and improvement of religion was only the embryonic form for the control of democratic crimes.

On January 15, 2012, I and the sportsmen on television recognized that, with the rectification of "Marx-MingXun calling for competitive election", the communist parties in various countries acquired the ability of applying their own party disciplines to be away from or even control the democratic crimes[1]. Meanwhile, some other parties of flags or symbols, such as the Democratic National Construction Association, the Christian Democratic Union, the Democratic Progressive Party, and so on, did not need the rectification and were directly able to apply their own party disciplines to be away from or even control the democratic crimes[1].

On April 21, 2012, the people in various countries in the world and I pointed out that nowadays the major public medias capable of comprehensive affecting the communist parties in various countries in the world were the China Central Television, and the "Marx-MingXun calling for competitive election" I directed the satellites to shout. During that time, the theoretical directions of China Central Television were the dictatorship of Leninism and reformation of XiaoPing Deng, and the main contents of its propagation were the leadership of Central Committee and the success of reformation, unable to help the communist parties in various countries get rid of the ridiculous situations after the revolutions in Soviet Unions and East Europe. Whereas, "Marx-MingXun calling for competitive election" improved the democratic images of communist parties in various countries in the world, and participated the practice of control of democratic crimes for the first time, so that it synchronously revived the communist parties in the whole world[1]. The activity and election of individual communist parties in various countries was difficult to synchronously revive the communist parties in various countries in the whole world. On August 13, 2014, I directed the satellites to shout in Chinese: "Marx-MingXun calling for competitive election, the communist parties filling the whole world in Asia, Africa, Latin and Europe".

On December 3, 2014, because of the significant international effects of "Marx-MingXun calling for competitive election", the domestic and foreign people expected to segregate this history of control of democratic crimes for the first time away from the political influence. Besides, the Communist Party of China was subjected to the strong constraint of both administration of Central Committee and disciplines of Central Disciplinary Committee, it was limited in extent for "Marx-MingXun calling for competitive election" to develop within the Communist Party of China. Therefore, I

declared that the movement "Marx-MingXun calling for competitive election" ended successfully[1].

**6. Electromagnetic Unification of Four Forces in Physics:** Zi-Jian Cai hosted the activities of sate-commune group in discussion and exchange of physics, announcing, relaying, and propagating the progressions with the satellite microwave. After Zi-Jian Cai led the sate-commune group to make the proposition in October 2005 that the mass be the spatially localized electromagnetic structure, our sate-commune activities in discussion and exchange of physics elicited the attention, participation and comment of people in the whole world[1]. Since October 2005, it could be seen from the many television news, live telecast of arts/sports and so on that the people made use of the television as media to join the process of unifying the four forces in physics[1]. As the premise, the energy was present as the frequency of electromagnetic wave or frequency of light in atomic physics, therefore all forces with energy should be unified with the electromagnetic force. During such process it was achieved many very important physics progressions, such as the non-relativity of ideal time and space, electromagnetic mass structure, electromagnetic multi-hairy structure, electromagnetic orienting force, oscillatory neutrino structure, and so on. It was explained and unified the strong force, weak force and gravitational force in physics with the electromagnetic force, realizing the unification of four forces in physics. In 2015, the author published the book "Electromagnetic Unification of Four Forces" (ISBN978-3-659-76798-2)[1,7,8], in which it was compiled the progressions in physics organized by the author with satellite networks and accomplished altogether with the anonymous people in worldwide television from 2005 to 2009.

**6.1 The electromagnetic mass, electromagnetic multi-hairy structure and electromagnetic orienting force:** In the process, there were introduced some novel electromagnetic structural forms and an important type of force, which were the keys to achieve the significant progressions[1,7,8]. First, Zi-Jian Cai and the European people in television proposed that the mass of particle should possess the spatially localized electromagnetic structure according to the fact that the  $\gamma$  photon of high energy could transform in reciprocation with the gravitational mass adequately and completely[1,7,8]. The mass electrical field and magnetic field of particle moved continuously and transformed reciprocally, but spatially this electromagnetic mass structure did not resemble that of photon which dissipated away. Instead it returned to the vicinity around its original point of departure through its electromagnetic movement and transformation[1,7,8]. After Zi-Jian Cai led the sate-commune group to make this proposition in early October 2005, the activities in discussion and exchange of physics elicited the attention, participation and comment of people in the whole world with television as the common media[1,7,8]. It was this moment of time that there started the processes of electromagnetic unification of four forces. Besides, the increase in mass during quark condensation[9,10] and the oscillation of neutrino among three different states of different masses[11] strongly supported the mass as spatially localized electromagnetic structure, with the mass change of the particles to be easily explained with the electromagnetic conformational change.

Second, the Sate-Commune Group India Member and athletes in video record of 2000 Olympic Opening Ceremony both proposed that the multi-pointy electromagnetic hybrid could make many electromagnetic interactions, just alike to the DNA of genetic biology in characteristics, while similarly possessing the multi-hairy hybrid structure of complementary pairing and directional binding[1,7,8]. In a photon when a changing electrical vector  $E$  generated a changing magnetic vector  $B$ , immediately from such new and changing magnetic vector  $B$  there generated the next changing electrical vector  $E$ . At this time, the original electrical vector  $E$  had changed a little. Such process repeated continuously until the earliest changing electrical vector  $E$  vanished. In this way, there would generate the electromagnetic multi-hairy structure for the photon[1,7,8]. In similarity, there would also generate the multi-hairy electrical fields for both positron and electron[1,7,8]. It was easy to see that the positron and electron could hybrid like two gears. The difference in nuclear reactivity of  $\pi$  meson and  $\mu$  particle strongly supported the multi-hairy hybrid structure sensitive to particle frequency[1,7,8].

Third, the Sate-Commune Group Zhejiang Member proposed the electromagnetic orienting force[1,7,8]. When several electromagnetic particles with positive and negative charges were close together, among their electrical fields there would occur the static electrical interactions with the same charge repelling and opposite charge attracting. The same charge repelling made the electrical fields increase in distance, decrease in interactive strength and decrease in interactive time. The opposite charge attracting made the electrical fields decrease in distance, increase in interactive strength and increase in interactive time. Such asymmetrical interactions made them generate a kind of net attractive force among the electromagnetic particles, called as the electromagnetic orienting force[1,7,8].

**6.2 Electromagnetic unification of four forces:** In the process, it was utilized the electromagnetic force to unify the strong force, weak force and gravitational force, unifying the four forces[1,7,8]. In premise, the energy was present in the form of frequency of electromagnetic wave or frequency of light in atomic physics, thereby all forces with energy should be unified with the electromagnetic force.

First, with regard to the strong force, it was suggested that there formed the stable electromagnetic multi-hairy hybrid between the adjacent positive and negative quarks, and it was further divided the released energy brought about by the electromagnetic hybrid into two parts[1,7,8]. One was the released energy of the electromagnetic multi-hairy hybrid itself. Another was the thermodynamic moving, vibrating and rotating energy of quark particles and their internal electromagnetic structures, which was released by the orderliness and stability of electromagnetic multi-hairy hybrid[1,7,8]. Both of the two energies are parts of the energy of strong interaction. The difference of  $\pi$  meson and  $\mu$  particle in their nuclear reactivity supported that the strong interaction was generated from the electromagnetic multi-hairy hybrid[1,7,8].

Second, with regard to the weak process, it was suggested in the book that, as the electromagnetic multi-hairy hybrid of positive and negative quark was subjected to the multiple destructions and effects such as the internal tension within atomic nucleus and so on, the hybrid was torn apart and there accordingly occurred the recombination and modification in structure of atomic nucleus. The electromagnetic multi-hairy hybrid torn-apart to single side formed weak pairing and binding with the external electrical field of opposite charge, getting stabilized temporarily[1,7,8]. In the subsequent process of weak interactive decay, the external electrical field pairing and binding with the single side of hybrid turned to bind with another external electrical field of opposite charge in external environment, dropping away from its binding with the original single side of hybrid, and becoming the neutrino of oscillatory electrical structure of opposite charge[1,7,8]. This mechanism of weak interaction was able to explain the relatively small mass of neutrino and the reverse reaction of weak interaction[1,7].

With this mechanism of weak process, it was speculated in the book that, if modifying the present quark theory and proposing that the positive and negative  $\pi$  meson themselves consisted of only one single quark, it was possible to construct the structural model for the positive and negative quark with the weak interactive decays of  $\pi$  meson, that was the positive and negative quark were just the respective positron and electron with one flat hybrid plane[1,7,8]. Quark condensation with increment in mass or frequency was also easily explained as formation of the flat hybrid plane[1,7,8].

Third, with regard to the gravitational force, it was suggested in the book that the electromagnetic mass waving entity of gravitational donor interacted in electromagnetic orientation with the electromagnetic waves mediating the gravity, making them turn in curve. While such orienting interaction fading away with the electromagnetic waves partially returning to the original status, the electromagnetic waves consumed energy and shifted red[1,7,8]. The electromagnetic waves curving and shifting red manifested in sum as the phenomena of gravitational field[1,7,8]. The photon and electromagnetic wave curving and shifting red in gravitational field directly supported this explanation[1,7,8]. Besides, the increment of mass during condensation of quarks[9,10] could only be explained with the electromagnetic conformational change of gravitational entity, with higher mass frequency affected more in coordination in gravitational attraction, supporting this mechanism of gravitational force.

Besides, in 2016 according to the decaying products of various particles in physics, I deduced the electromagnetic structures of the majority of important particles in physics, including the combined baryons based on linear proton and hexagonal neutron such as the proton, neutron,  $\Lambda^0$  baryon,  $\Sigma$  baryons, and  $\Xi$  baryons; the combined structures based on kaons from colliding pieces of various sizes and characteristics such as the kaons,  $\eta$  baryons, charm quarks, and bottom quarks; the combined structures from colliding pieces of high frequency containing W/Z bosons, such as the W/Z bosons, Higgs boson, and top quarks. In the program "Animal World" broadcast later on television, there was a white female likewise calculated out earlier that the proton should be composed of 5 quarks.

However, it was broadcast later than I announced to public by satellites on time, while it did not belong to the public situation, so that it could only be accepted the time broadcast on television as its time of publication. Thus, under the attention of the people in television in various countries, I published the paper[1,12].

**Brief Contents of the Book:** In the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3)[1], Zi-Jian Cai improved the method of writing Chinese and English, using the rhythm of music to adjust and restrict the undulation of rhythms of sentences in writing, and using the literary works from this innovative manner of writing to help improve and glorify this book of San Cai memoirs in television[1]. The three music melodies adopted in the book to adjust and restrict the undulation of rhythms of sentences were: (1) "Blue Danube Waltz" for chapter 1,2,10 and 18, with supporting words as "Whereas", "Accordingly", "Merely", "In order to", "Wish", "Occur", and so on. (2) The Theme Song "The Blood of Steel and Heart of Faith" in "The Legend of the Condor Heroes" for chapter 3,4,5,12,13,14, with supporting words as "Whilst", "Hence", "By", "Hope", "Solely", "Shortly", "-ly", and so on. (3) "The Same Song" for chapter 6,7,8,9,11,15,16,17, with supporting words as "While", "Therefore", "Before", "Capable of", "However", "Only", "Expect", and so on.

The book was divided into 18 chapters, with each chapter ended with a poem summarizing the contents in the chapter[1]. In this regard, herein it is provided with the titles of the 18 chapters in the book and the 18 ending poems to briefly illustrate the contents of the book, as the followings[1]:

#### Chapter 1 Publication of Brain Theories

The ending poem:

The sage was born while there were heavy rain,  
The wonderful child grew up with moistures of dew and rain.  
The profound knowledge of aspirant youth shone in wind and rain,  
The decent heart looked forward to brightness and rainbow after rain.

#### Chapter 2 Satellites Tracing and Reading Brain

The ending poem:

The love and salvation emerged to Holy Spirit as cause and chance,  
The novel creation of reading brain with satellites added to miracles.  
The declaration of war struggled against nuclear request of suicide as response,  
The lights of satellites with terrific infringes were difficult to overcome with sad voice.

#### Chapter 3 Democracy Calling for Law Execution, New Theory of Army and Police

The ending poem:

It was feasible to contend for democracy by execution lawfully,  
It was like the winding and firing balls for the people spiritually.  
It was advantageous in democracy and law for the police and army,  
It was resonant for the armed police to the world wholly.

#### Chapter 4 Winning Over Nuclear Crisis on Earth

The ending poem:

The Chinese stood up to win nuclear war triumphantly,  
The annihilation by nuclear weapons was crashed as illusively.  
The nuclear ignition of ocean was impossible by elevation to sky clearly,  
The autocracy by nuclear power was mute away from arrogantly.

#### Chapter 5 Laureate as San Force

The ending poem:

By the elegant talent of aspirant youth, the salvation yearning,  
By the democracy calling for law execution, the police and army strengthening,  
By the victory winning the nuclear weapons, the spirit and courage rising,  
By the decade of winds and fires, the San Force resounding.

#### Chapter 6 Great Unification for Physics

The ending poem:

The global world altogether standing to unify the physics,  
The electromagnetism unifying the four forces.  
The electromagnetic mass and orienting force,  
The time and space in the same for different moving statuses.  
The electromagnetic helix capable of forming the regular pairs,  
The thermodynamic energy of entropy forming the strong force like ice.  
The decay and transformation illustrative for the weak force,  
The positive and negative oscillatory structures for the neutrinos.  
The red shift and curvature of light for the gravitational force,  
The great unification accomplished from the longitudinal and transverse waves of photons.

#### Chapter 7 Revival of Humans with Intelligent Robots

The ending poem:

The new civilization the intelligent robots forming,  
The revival of species by law the humans expecting.  
The support to police during war for safety the ages and children acquiring,  
The war and revival in the same world coexisting.

#### Chapter 8 Breaking Down the Rumors

The ending poem:

The videos of television for breaking down the satellite rumors,  
The illustration of processes for breaking down the psychological rumors,  
The government and police for punishing the criminals and controlling the rumors,  
The television, books and newspapers with effects for breaking down the rumors.

#### Chapter 9 History of Owners Resorting to Television

The ending poem:

Because of videos of television, the people's history standing,

Because of incompetence in reality and vividness, the newspapers surrendering;  
Because of abundance in materials, the power for breaking down rumors manifesting,  
Because of compilation in papers and books, the contents propagating.

#### Chapter 10 Rhythmic and Musical Sense in Writing

The ending poem:

To follow the rhythms of music to punctuate the sentences, while to select words and phrases to the writings to make the poetic frame and core,  
To become the new pride of writings to the history and literature;  
To become too delightful to put aside after reading, while to acknowledge more after to read more,  
To become musical in rhythmic literature, and to be very precious in culture.

#### Chapter 11 Sciences and Technologies Standing out on Television

The ending poem:

The scientific and technological achievements with significance staging onto television,  
The contained historical significance subjected to the global evaluation;  
The British and US journals reprimanded on the television,  
The Open Access journals accepted as history for continuation.

#### Chapter 12 Democracy Calling for Law Execution, Skills and Practices

The ending poem:

XinJiang, GuangDong and the New Fourth Army,  
The provincial and municipal execution by law supporting the new police army;  
The republic revolution throwing away the king royally,  
The respect of law for the democratic execution lawfully.

#### Chapter 13 Committee of Army and Police, Period of National Succession

The ending poem:

It was full of changes and variations in the world wholly,  
It was thriving by alternation of split and unification often nationally;  
It was the republic mastered by the police and army,  
It was the outstanding work during war to protect the people safely.

#### Chapter 14 Multiplicity of Nations to Revive Race

The ending poem:

It was upholding the justice by democracy multi-nationally,  
It was advantageous to protect a race multi-nationally;  
It was shouting for nation for a race to achieve independently,  
It was stronger for the parties even though the nuclear weapons formidably.

#### Chapter 15 Parliamentary System More Advantageous than Presidential System

The ending poem:

The parliamentary system compared to presidential system as more advantageous,  
The multiple parties altogether discussing social situations and public opinions,



The prime minister subjected to change flexibly for success,  
The law for war expecting to altogether share the benefits.

#### Chapter 16 Democratic Crimes, Party Disciplines to Control

The ending poem:

The communist parties for competitive election Marx-MingXun advocating,  
The global revival of communist parties synchronously showing;  
The democratic crimes the party disciplines capable of controlling and regulating,  
The democratic management of country both law and discipline capable of more assisting.

#### Chapter 17 Defects of Administration, Demonstration to Make Up

The ending poem:

The flatteries as defect of examination existing,  
The social situations and public opinions the democracy undertaking;  
The examination choosing talents while it being more comprehensive for debating,  
The administration blocking while the demonstration altogether shouting.

#### Chapter 18 Provincial and Municipal Legislation, Republics and Armed Police

The ending poem:

The republics down the Central Committee with the Five Stars to the representatives of parties,  
The provincial and municipal legislation with brightness and glories to army and police;  
The democratic parties and religions in the ocean of people fragrant and vigorous,  
The anxiety to no offspring from the foggy hazes of terrors.

All of these facts can be checked and verified in the videos of television in public during that time in various countries of the world, composing an important depiction of the people's history, fully demonstrating the people's history recorded in the videos of television as not only splendid and glorious, but also interesting and wonderful. Even if there appear some mistakes somewhere in the contents in the book, it is easy to identify and correct them according to the videos of television.

**Conclusions:** In this article, it was reviewed the book "San Cai Historical Memoirs in Television"(ISBN978-613-8-33432-3), in which it is described many recent great political and social facts in television even more attractive than presidential election, including Zi-Jian Cai leading the democracy calling for law execution in China and the establishment of theory of armed police, the people in the Middle East proposing the revival of race with law, the world people revising the discipline of communist parties in various countries with the international movement of "Marx-MingXun calling for competitive election" and practicing for the first time to control the democratic crimes with the party disciplines, Zi-Jian Cai along with the Chinese, US and Indian satellite operators leading the people in various countries in television to unify the four forces in physics with electromagnetism, and so on. In the book, it was adopted the rhythm of music to adjust and restrict the undulation of rhythms of sentences in writing, and to help improve and glorify this book of

San Cai memoirs in television. It can be checked and verified all of the facts in the book with the videos of television in public during that time in various countries of the world, composing an important depiction of the people's history.

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