

Super Science

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Abstract— On the evening of March 6, 2016, the School of Earth Sciences of Central South University held a lecture titled “Demon Professor Speaking on Inverse Calculation, Super Science and the Invisible World”, <https://news.csu.edu.cn/info/1004/126458.htm>, Lectured by Professor Xie Ganquan. Professors Xie Ganquan and Li Jianhua proposed “super science” first in the world. “Visible natural sciences and invisible social and ideological sciences are called ordinary sciences. Invisible natural sciences and visible social and ideological sciences are novel super sciences. Ordinary natural science is visible and scattering natural science, and it is a science with scattering experiments. Different from ordinary natural science, super natural science is invisible and is a natural science without scattering. All physical experiments today are scattering experiments, so all scattering physics Experiments cannot be applied to super natural science. Forward and inversion arithmetic theory and calculation are methods for studying super natural science. “Ordinary social ideological science is invisible, and scattering experimental methods cannot be used to study ordinary social ideological science. Social thought humanities are research Historical and realistic methods of general social thought science. The scattering experimental method can be applied to the study of super social ideological science. Real lie detection is about studying the science of super social ideological using practical methods of scattering. After more than 20 years of creation and hard work, Li Jianhua and Xie Ganquan’s team first discovered and invented GLHUA and GLLH electromagnetic invisible with refractive index in the world that can achieve complete invisibility cloaks [10, 11]. This is invisible super natural science. The mind robot hand invented by EASTON LaChappelle is a visible ideological science. Both mark super science. On January 15, 2017, the Hunan Provincial Super Science Computational Society was founded by Xie Ganquan and Li Jianhua. This is the first-level society in Hunan Province. <https://news.csu.edu.cn/info/1004/126458.htm>.

Combining natural science and social and ideological scientific research has always been in our research, which is the main origin of super science. In 1972, we were the first to develop the three-dimensional finite element method and application software in China. In 1973, we were the first to discover super-convergence of three-dimensional finite elements in the world [1], winning the China Science Congress Award and being highly praised by Feng Kang. In 1985, we discovered “Bad thing of the forward become to good thing for inversion” and novel successful inversion of the wave equation [2]. The inversion theory and calculation method of computing have been praised as the demon method by the world’s authoritative scientist P. LAX, praising us as proficient in physics, mathematics and numerical methods, as a demon and a fanatical scientist in solving difficulties. Our natural scientific researches are related to Chairman Mao’s forward and inverse social ideological sciences.

In 1986, the front page of Hunan Daily on June 5 published the article “Returning to China is for great cause”. It was reported that Xie Ganquan obtained a doctorate and completed 2 postdoctoral research in the United States, resigned from his job in the United States, and returned to China after completing his studies to conduct research on forward and backward calculations. At that time, the central government proposed “Reform and opening up”, but how to reform and open up is still being explored. Guangdong opened up first, and Hunan followed. We proposed “the policy boundaries” and “one country, two systems of Global socialism and Local capitalism.”

Regarding the policy boundaries, Mr. Chen Bangzhu, Secretary and Governor of Hunan Province, expressed great interest. He specifically approved the Hunan Computational Mathematics Applied Software Society, which we launched by Ganquan Xie in 1987. Xie Ganquan is now the first chairman. This is the only first-level provincial society in China that includes computational mathematics. Computing societies in other provinces are second-level branches in that province. This social idea of policy boundaries transforms magnetic field integro-differential equations into the 1995 International Conference on Three-Dimensional Electromagnetics in Schlumberger, Professor Michael Oristaglio praised it as a breakthrough in three-dimensional electromagnetic inverse calculations in two decades.

Secretary Xi Zhongxun, the central leader in charge of Guangdong Province, and Minister Tong Ying, Minister of United of Hunan Province, support our reform idea of “one country, two systems for global society and local capitalism”. Secretary Xi Zhongxun is a very approachable and moderate leader. He proposed changing to “an global socialist local market economy”. We agree with Secretary Xi Zhongxun’s reform idea of “global socialist local market capital economy”. In 1993, Chairman Deng Xiaoping visited Shenzhen and delivered his famous southern tour speech on “socialist market economy”. Chairman Deng removed the “global” and “local” from “global socialism and local market capital economy”. From 1993 to 1995, Xie Ganquan and Li Jianhua used the “topological correspondence principle” to transform the “global socialist local market capital economy” and developed the “global integral local differential electromagnetic forward and inverse calculation method”, that is, the EM GILD forward and inverse calculation method [3–9]. We feel that the “global” and the “local” are indispensable in GILD. Our Chairman Kong JinAu agrees to combine natural science with social and ideological science for research. GILD global integral and local differential electromagnetic mechanics is a very effective forward and inverse calculation method. GILD and its developments AGILD is widely and effectively used. We discovered negative space, and it’s a breakthrough development in super science, Anti atomic bomb, immigrate to Mars, Marige, super invisible economic nd maker are important applications of the super sciences.

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