



## The Searching for Reviving Economic & Cutting Edge Field Development on Progressing Scientist & Fellows' Innovation like Measures Sustainably I

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### Abstract

*The China two sessions are held in this week whose target is about to focus on the policies progressed continuously the sensitive issues in China economy & finance high-Tech products manufacturer education constitution etc. statement. The scientist with post-doctoral certificate might help us to proceed many subjects in cutting edge field of science & engineering with erecting corresponding modelling for advancing mathematics formulas. In economics benefit calculation many formulae are substituted with digitalization of investigation result. Meantime the error calculation will be proceeded in order to observe precision. To compare with other publishing paper we can find the error for its model correction. It will be whether it satisfies actual demands for applying to the experimental instruction. If it is better we can consider trial for large application in actual fact. Thereby the optimum path and scope will be looked for and found the best benefit to predict accurately within it. The new evaluated methods have searched the whole procedures for making products in maker in order to extend their tendency in advance in this study whose scope reaches both economics and high-Tech products model in word. The cost and profit model has been established in order to judge the scientific decision in high-Tech products of enterprise. That ARIMA(Auto-regressive Integrated Moving Average) presents a new method in economics models will form tendency to solve prediction problem from present. In this study the scientific economics and high-Tech products model and coefficient will be described. At the same time the BP(back propagation) neural network can be applied to economic and high-Tech products matters to predict their values in enterprises. Since its advanced function and big data it has been used in a certain aspects such as pollution emission reduction relevant etc. enterprises at present.*

**Keywords:** revive; method; economics; fellows; high-tech products; innovation; development; unit; college; sustainably; cutting edge field; scientist

### 1. Introduction

The scientist can solve the technological knowledge and experience through their accumulated one so they can provide important role with designing and producing product like atomic bomb etc. high technological field whose leading effectiveness is proven by us frequently. There are many doctor graduated from American famous university can resolve the theoretical formula in order to simulate the atomic force network which may provide an important information and message before we process manufacturing procedure so it may indicate the general size in light of force which affords us the general design parameters usefully. whereby we can avoid many times experiment even producing course deviation which may save many people labour and lots of expense.

[1~3] On the other hand the economic income for general man may attain through spending financial expense like recent golden price which can be affected through stabilizing world political situation, once there is war etc accident it will indicate under controlling price increase which may bring out many chances by gambler like American.

Additionally the economic development will require many scientists who may provide theoretic support like automobile and air plane performance & prosperous prediction besides some experimental data and processes in product flow line, so their contribution to society may indicate high quality & level. We should continue to largely support them for their big endeavour to relevant exploration and erecting foundation whose destination may direct the new innovation prosperity

like AI(artificial intelligence) new technique, robotic new industries & quantum computation etc.. [4~6]

## 2. Discussions

### 2.1 American discriminating Chinese scientist

In November, 2018 the Trump proceeded the notorious “China action plan” in academic field within his first tenure as a president which big discriminated China scientists. Up to now “Chilling effects” still exist in them who are to be discriminated by American. Moreover the American government continually generalized the national security conception so that use randomly the national force and continuously upgrade exportation limitation to Chinese chip. From 2022 the policy “chip legislation” exhibition later the Biden pressed allied countries and Chinese enterprise etc. method, and then he many times contracted the exportation ban to Chinese chip. Under that background the reality is to be following. The Nvidia etc. American semi-conduction huge head throughout making for China market chip style to continually seek possible method. However Huawei Chinese enterprise throughout independent research & development exhibits a strong reviving status. Recently the China Artificial Intelligence company DeepSeek pushes DeepSeek AI applied software has exposed which make the western state “the American sanction strategy is proved no-effect”. [5]

### 2.2 Yijuan Hu coming back homeland

Yujuan Hu was graduated from Perking University affiliated the Institution of mathematics science who ever graduate from American University of Northern Carolina, affiliated Chapel Hill school, and before she returning she worked in American Emory University as a professor. In July, 2025 she joined the Perking University affiliated the International Mathematics research center(BICMIR). her research focuses on statistics, biology & genetics inter-disciplinary field who contributes to solve actual biological medicine data analysis problem. [4] So why do the first scientist comes back homeland continually. In December 2024 the American Chinese mathematician and Tsinghua University dean in “Qiuzhen Shuyuan” Qiucheng Dong expressed that the Chinese scientist would be suffered from the American severely, so that besides they returned back there is not other choice since they might wield their most optimum status in supported research environment. In the passed ten years the Chinese scientist has exhibited discriminately from American government so that their American national science foundation and Institution of the national sanitation & defence ministry one would meet severely Challenge because someone may say that those scientists can use American capital doing Chinese beneficial, he said and indicated that type talents outflow will be unfortunate since that it will decline itself research capacity. [5]

### 2.3 Taiwan & Jing, Hu economic entity listing

As exhibited in Table 3. the Taiwan, Beijing & Shanghai three region & provinces' GDP would express that they indicated 5.1 trillion yuan, 4.1 trillion yuan & 4.4 trillion yuan correspondingly with the y-o-y value recorded 30%, 32%, 29% in 2023~2017. [1] Herein the Taiwan had provided the

higher speed value with 30%, and it expressed the Beijing has the highest elasticity in economy with 32% and Shanghai has similar speed with 29%. Moreover, they had a breakthrough with 4 trillion yuan all in 2023 which exhibited the three region & provinces had the same level and entity.

**Table 3. The Taiwan, Shanghai and Beijing GDP comparison II.**

Years	Taiwan trillion yuan	Shanghai, trillion yuan	Beijing, trillion yuan
2023	5.1	4.4	4.1
2017	3.9	3.4	3.1
y-o-y	30%	29%	32%

### 2.4 Cunyu Wang Scientist returned

Cunyu Wang who is an American medicine academician has been a prestigious top Chinese scientist of biology. In December 2024 he left California state Los angels school and joins Perking University to be a dean in charge of clinic advanced institution. At the same time, he published 110 papers in international impact important academic journals and accumulated citation beyond 13,000 times and acquired American national sanitation institution's excellent prize etc. More than 10 items. Then as a first coming mainland's scientist he was elected as an academician in American academy of medicine, thus he was elected an academician in China academy of engineering in 2013. Moreover, Cunyu Wang mainly required the innovation research achievement in molecule signal, oral medicine and transformed medicine etc.. With regards to NF-KB transferred factor regulating cancer cell death and resist-drug theory he has acquired an important mile-stone significance, and currently he is instructing tumor clinic therapy trial. [3]

### 2.5 Huaxin Lin mathematics returned mainland

Huaxin Lin as an famous mathematics has returned mainland after he lived near 40 years in America on March 11<sup>th</sup>, 2025. thus he might works as a professor in Shanghai mathematics & inter-disciplinary institution. Before he returned China Huaxin Lin worked in Oregon university for 30 years as a professor, meanwhile he was employed in Huadong Normal University, Zijiang guest professor. He majors the operator-algorithm which played a key role at solving C\*-algorithm theory's long-term existed in problem. Professor Huaxin Lin states that he has a dream working in Shanghai full-work, so SIMIS(Shanghai Institute for Mathematics and Interdisciplinary Sciences) provides a good challenge. Therein, his key work will be cultivating SIMIS & Fudan University student. [4]

### 2.6 Ke shao professor & Hudong Chen scientist returned homeland

Ke Shao as a internationally prestigious Fellow in the intelligence right field has employed Nanjing University in charge of the dean in global intelligence right institution. Moreover Ke Shao worked in overseas for fourteen years who ever was recruited by the QS global hundred university ie.

Australian G8 famous school, the University of Western Australia, school of law. Furthermore, he has still cared about as a scholar homeland and insistence in resolution clarified Chinese culture and the global intelligence administration. He administrated China-western melting structure so that produced leading, perspective deepening original research and deeply contradicting Harvard University lawyer William Alford mis-leading the western political, business, academy the two generations western-center theory. [4] On the contrast, Hudong Chen as an academican in American national academy of engineering, a commission member in Harvard University, applied computational science institution, has joined the Zhejiang University, school of energy engineering in December, 2024. He is an explorer and main contributor with lattice Boltzmann methods in fluid dynamics, statistic-physics, dynamic theory etc. He had 30 years working experience, erected international famous general fluid simulation software PowerFlow.

**2.7 Harbin Institute of Technology's academic master degree's retrial accepting score.**

The Harbin Institute of Technology for academic master retrial score was shown in Table 4 where the Economics~Design's score would indicate 330~345 in turns. Herein the special one will become an important reference whose difference attained 10 scour. Meanwhile the Foreign language dominated top one subject and Nature &Engineering were the lowest ones, which expressed that the art and humanity subject has more competition &capacity than Nature &Engineering in Perking University.

**Table 4. The Harbin Institute of Technology for academic master degree's retrial accepting score line. [6]**

Subject	Politic s	Foreign languag e	Specia l one I	Specia l one II	Tota l scor e
Economics	50	50	80	80	330
Laws	50	50	80	80	340
Foreign language	50	50	90	90	360
Nature	50	50	70	70	300
Engineerin g	50	50	70	70	300
Design	50	50	80	80	345

The subject had recorded applied statistics~engineering administration with 330~national A type line while architecture~landscape architecture dominated the same 300 score in 2024 respectively. Therein the translator would possess the highest one with 360 in light of Table 5.

**Table 5. The Harbin Institute of Technology for Special Master degree's retrial accepting score line. [6]**

Subject	Poli tics	For eign	Sp eci	Spe cial	Tot al
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		lan gua ge	al one I	one II	sco re
Applied statistics	50	50	80	80	330
Social work	50	50	80	80	340
Translator	50	50	90	90	360
Architecture town &rural planning electronic information mechanics material &chemical resource &environment energy dynamics civil hydraulics biology &medicine transportation landscape articheture	50	42	70	70	300
Business administration	Informed by recruiting office additionally				
Public administration Accountant Engineering administration	National A type line(including subject line)				

**3. Conclusions**

This paper will describe the economy &high-tech focus issue on scientist &fellows whose role may be large on the cutting edge field of science &technology, herein the as many as them will be necessary &important so as to enhance our economic and high-technique competition force in the world. The scientist or fellows may resolve the key problems in front of our processing course throughout their endeavour continuously since the complicated technique occurrence usually will be requiring our top scientist and fellows to solve definitely. He can master a series of experiences even scientifically erecting modelling abilities so he may clarify the essential feature of one thing vocationally. Many sophisticated problems may be solved upon them easily and promptly which can save much time and cost fee for us to resolve by ourselves solely, so we need collaboration with the expert and fellows for the sake of progressing an eminent clarification. For example the artificial intelligence robot who can substitute workers for proceeding products movement even precisely processing will become an important equipment in workshop, so it is about to be searched preciser, lower cost and more ones in future.

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