



The Searching for Cutting-Edge Field like AI-Robotıc New-Energy Automotive Aerospace etc. Economy Development Modes and GDP Comparing Correlative-Ship Judgement Capabilities on Scientist & Fellows Possessed Programming Doctorate Degree & Post-Doctoral R & D Base Experiences Sustainably & Constantly

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Abstract

The high-tech skills may be developed continually by fellows & scientists in university & manufacturer's R & D (research & development) department who can cultivate new innovative goods for us to use forwards. So that we hope many new innovation goods to exhibit in the world Through factory's making continuously. On the other hand, the financial innovation will become prevalent recently whose mission may improve the new functions as many as possible. Moreover the financial tools would meet recent requirement by learning deeply knowledge and useful application whose target may be artificial intelligence goods more than the previously automatic equipment. Thereby, the many talents like fellows & scientists will be necessary and very important whose education & experience could be planed & aligned by us. Certainly we meet the significant problem how to educate fellows, and which destination to need to do, why to process etc. a series of problem. We must do our best to meet the social difficult matters Through our acting and planning for the sake of satisfying every requirement in modern society. So that every citizen need invest capital to earn money will dominate the main society tendency and government institution must considerate that point so as to promote the financial tools' general utilization like estate, gold dealing, bond & the stock market etc.. Through post-doctoral mobile stations and other sophisticated projects the sophisticated theoretical formula may form to search for the internal construction and status with one and many substances for the sake of observing the future changeable states, which may be the destination by this searching continually and constantly.

Keywords: new evaluative; search; economy; Behavior; judgment; GDP (Gross domestic product); scientist; fellows; AI (Artificial intelligence) robotic; new energy EV (Electric vehicle); high-tech; post-doctoral R & D (Research & development) base; programming; sustainably; constantly

1. Introduction

On the views of erecting mathematical formula to try to find the inner nature with some matters the sophisticated modelling will complete its mission to testify and clarify the results which is correct or not. If the instruction meaning still exists in the data will become a criterion reserved in database as an proof and course to use many years later maybe or not. It is just confirming course and results. We will consider its accuracy and error to decide whether it is playing a special

occasional application, which is still needing to recognize. Many searching will find many discoveries in the internal structure and deduced course for one certain even a lot of ones, so that the relevant array and differential formula among them can be affecting their defining states even infinite ones. Hereby the according ones will present some defined meaning for visible materials and future changing tendency eventually, which structures that destination in this study continually. The impact of high-tech products may affect our general person on

daily life and judgment. So that we should master its physical meaning and applying method for further upgrade and development on the other hand. If we could suggest some advice on it the new functional development will be found and applied to future application since it has new function. Like the washer machine will be better if it has dry function so many years later the new one will become reality, many new wash machines have that function to make the clothes be convenient and clean. So we need to like observe the thing and propose new creationary suggests will make the world to be better and nicer. Some new products just have been from the general idea from the customers advice which may improve the progress forwards a step just since a simple thought. Many high-tech ones just are from the diary thought from our heart, don't forget the simple one sometimes may change the auto-machine even artificial intelligence one. Since it has been an AI times we may think about the leading dog for elder and blindness men so some years later the necessary AI dog may exhibit.

On the other side, the importance of understanding the benefits of high-tech products will occupy the most one position since we still need comfortable rapid high quality even high efficiency. So we need scientists to make a good one to afford a set of AI products to solve that problem in recent future. When we discussed GDP (Gross Domestic Product) as an important indicator of the state of the country's economy the developing regions and countries would rapidly increase their development speed to become top several ones. So through comparing with strong ones the region will find its false for many years and make itself more developed, which was a comparison psychology and behavior. Only them found their backwards they will resolve to enhance their entity and abilities to follow the high level step eventually. That will be regarded as an evidently promoting and retrieving attitude. [1~4]

2. Discussions

2.1 National intelligence rights protection center & rapidly maintaining rights center and the international trade balance status

The content has included that the total for reference with following aspects. 1. the enterprise units 1.8 hundred thousand ones; 2. private enterprise occupying exceeding 80%; 3. the national scale speciality, precision, special & newness "little giant" ones about 6,500; 4. foreign & cooperation one beyond 8,000. [2] By now the nation has erected the same scale intelligence right protection center with 77 and rapidly protection center 48, which protects for private innovation ones using improvement intelligence protection system. On the contrast, Chinese international income & expense maintains basic balance with our foreign net capital being 3.3 trillion dollars which increases 15% in the end of 2025. [3] In light of the foreign trader investment total amount directly has afforded 90 billion dollars while the security investment net inflow for coming China has provided 46 billion dollars at the same time. Meanwhile China frequent account surpassing indicated 423 billion dollars occupying the 2.2% with the

domestic producing general value which continues to lie in reasonable zone in 2024.

2.2 SpaceX successful secret

SpaceX (American Space exploration Technology corp.) has founded from 2002 establishment which becomes the global commercial aerospace field leading one. Its success secret may conclude in the below aspects' key factors. 1. eminent technique innovation. The repeatable useful rocket tech will call as Hunting Hawk 9 vertical recycle technique which initiated in 2015 which may launch declining cost to 60 million dollars as per one time only become 1/3 traditional rocket. Thus the captorial bird engine which adopts the entire flow amount separated-scale burning recycle technique will provide high promotion force and fuel efficiency so as to explore aerospace for that Starship. At the same time, the vertical integrative producing mode will independently search & develop above 90% like engine and electronic system to decrease supply chain dependence for accelerating iteration. 2. at most cost control. The criterion design can decline searching and developing cost and producing one throughout Hunting Hawk series rocket core module. Launch optimization may produce 100 ships annually as per the company of Starship throughout big scale producing engine and body dilutive cost. The simplified flow will escape exceeding engineering like use stainless to substitute for carbon fiber and consider the performance and cost. 3. Elon Musk leadership and anticipation. The long target driving may let human being become multi-planet anticipation so as to accumulate teams for pushing high risk investment like Starship; [1] risk burden capacity can finally succeed to enter into railway in 2008 throughout Hunting Hawk 1 the first three launching false then insisting on the fourth trial; mean administration can reduce feedback chain upon Musk deep participating technique decision.

2.2 Australia, Spain & Mexico GDP and Guangdong comparison

The Australia, Spain & Mexico GDP and Guangdong one comparison will be expressed in Table 1 where the former three indicated 0.19~0.17 trillion yuan in 1974 with y-o-y provided 46%~54% correspondingly. Meanwhile the former four afforded 9.7~5.9 trillion yuan in 2012 with the y-o-y attained 14%~18% accordingly. So the Guangdong had the highest speed with the weakest GDP in 2012 while the Mexico had the same speed with 54% in 1974 with the same weakest GDP. [4] from the different speed in 1974 and 2012 the higher one would create in the former year while the lower one could form in the latter year respectively, which explains the rapid development is about to form in earlier and thus the slow one will form in latter due to the big space and easy promotion being formed firstly. Meanwhile the emerging Guangdong provincial GDP will develop rapidly from 2010 from the data there. Herein the Australia as a developed country exhibited the strong economic entity and elasticity since it has a strong substantial base with a mature economic strategy administration. Then Chinese Guangdong has been a strong background with western countries guests often building their economic correlation-ship with them which

may provide a strengthening support besides Guangdong itself advantage position like connecting closely with southeast countries as Singapore, Taiwan, Thailand, Philippine, Indonesia, Malaysia etc. four small tigers and a freer trade territory with its quickest sea-transportation connected with America mainland including north & south continent & Latin America and Europe mainland & middle-east and Africa etc. "One belt & one road" which has longer years' sea-linear connection partners and then the quicker transportation to the Japan & South Korea & eastern Russia, north-eastern Asia.

Table 1. The Australia, Spain & Mexico and Guangdong GDP ranking, trillion yuan. [4]

Years	Australia	Spain	Mexico	Guangdong
1970	0.1	0.1	0.08	-
1973	0.13	0.16	0.11	-
1974	0.19	0.22	0.17	-
y-o-y	46%	37%	54%	-
2010	8.5	9.6	7.7	5.0
2012	9.7	8.4	8.0	5.9
y-o-y	14%	-12%	3.8%	18%

2.3 Doctoral supervisor Lie Feng

Lie Feng who was in charge of doctoral supervisor in computer college affiliated Chongqing University and was only 25 has caused a widely focus in 2021. In terms of Chongqing University information, he graduated from Singapore Nanyang Technological University acquired PhD degree. So he was the youngest talent and also directly granted as a doctoral supervisor to a fresh graduate. [7] He who was born in April, 1995 has taken charge as a professor in Computer Science and Engineering School of Southeast University. Moreover his research direction will be creditable machine learning artificial intelligence security, multi-modes and big-modelling. Meanwhile Lie Feng currently published more than 90 papers in the international high-level conference and journals, thus he acquired the honor of youth excellent papers proposed award in the world AI conference in 2024.

2.4 Scientist Xiaodong Xu introduction

Xiaodong Xu as an American Washington University prestigious professor who graduated from China University of Science and Technology has published accumulatively about 30 papers in NS top journal which was cited by 70 thousand times. Moreover his research found FQAHE which would be an important observation has been the same as the Qikun Xue academician found the Quantum Anomalous Hall Effect (QAHE) which was considered as an important found in the condensed matter physics. Recently 2025 American national academy of science (NAS) each award has been expressed where it is totally producing 16 items and total 20 scholars acquired in Physics, biology, society & medicine etc. field. Therein the Chinese scholars had been three, and two were China University of Science and Technology alumni, so let us introduce simply. NAS Award for scientific discovery acquirer was Xiaodong Xu who came from Washington

University due to his based on experimental observation the fractional quantum abnormal Hall-effect. Thereby he found the fraction quantum abnormal Hall-effect in the men topological materials which exposed that no need to adding magnet lied in existence fractional electronic loaded flower to open a completely new research field. [6] So that Xiaodong Xu's that new working makes the singular quantum state to be more approached to the actual application and his FQAHE (Fractional Quantum Anomalous Hall-effect) experimental observation aspects does initiative much work for the sake of condensed state physics field.

2.5 The top ten rich men ranking in 2025

The top ten wealth owner ranking in 2025 has exhibited in Table 2 in light of the Hurun global treasurer ranking whose ranking will become Elon Musk, Jeff Bezos, Mark Zuckerberg, Larry Ellison occupied the first four ones with owning wealth of 3.0~1.48 trillion yuan. [8] At the same time the Elon Musk has had the biggest change 82% with the high 2.4 trillion yuan and then the Mark Zuckerberg owned the second change 53% with the 0.9 trillion yuan respectively. On the other hand, the Elon Musk & Jeff Bezos had decreased ranking while the Mark Zuckerberg & Larry Ellison realized to increase on the contrary.

Table 2. The top ten rich men ranking in 2025.

Ranking	Name	Wealth, trillion yuan	Company	Age
1	Elon Musk	3.07	Tesla	53
2	Jeff Bezos	1.90	Amazon	61
3	Mark Zuckerberg	1.70	Meta	40
4	Larry Ellison	1.48	Oracle	80

The top ten wealth owner ranking I in 2025 has exhibited in Table 3 in light of the Hurun global treasurer ranking whose ranking will become Warren Baffett, Rarry Page occupied the fifth & sixth two ones with owning wealth of about 1.2 trillion yuan. [8] At the same time the Rarry Page has had the biggest change 33% with the 1.2 trillion yuan and then the Sergey Brin owned the second change 30% with the 1.1 trillion yuan respectively. On the other hand, the Warren Baffett had decreased ranking while the Rarry Page realized to increase on the contrary.

Table 3. The top ten rich men ranking I in 2025.

Ranking	Name	Wealth, trillion yuan	Company	Age
5	Warren Baffett	1.22	Berkshire Hathaway	94
6	Rarry Page	1.20	Alphabet	51

7	Bernard Arnault	1.15	Moët Hennessy-Louis Vuitton	75
8	Steve Ballmer	1.14	Microsoft	68
9	Sergey Brin	1.08	Alphabet	51
10	Bill Gates	1.04	Microsoft	69

2.6 Entrepreneur numbers with country and city ranking in the world

The entrepreneur in country and city ranking in 2025 will be exhibited in Table 4 where America, China & India has possessed 870, 823, 284 ones whose capital was exceeding billion dollars with the top three ones while the New York, London & Shanghai has owned 129, 97, 92 ones with the same capital respectively with the same ones in the same year. [8] meanwhile the six countries have the ones beyond 100 while the five cities have beyond 90 from the data there. Then there are 11 countries had the ones beyond 50 whilst ten cities had the ones exceeding 50 as well. Furthermore the New York will exceed the German ones with 141 expressed that New York city economic entity and potential development possibility. meanwhile the London may exceed the Swiss ones with 116 at the same time. On the contrast the Shanghai & Beijing has already surpass the Russia ones with 89 showing the strong China cities' economy entity. On the whole from the seventh country and city the entrepreneur amount will become sluggishly similar to according each part tendency, which exhibits that the stronger city has developed approaching the country correspondingly. Meanwhile, the Singapore is about to occupy the 11th city one, however it will dominate 13th country one at the same time, which was narrated mentioned. On the contrast, there are totally 9 Asian cities ranked in top 14 city list which explains the Asian cities are keeping up with the advance position from the lower ones in the world. Moreover, there are totally 4 Asian countries ranked in top 14 list which expresses that the Asian countries will be accessing the top one ranking gradually.

Table 4 The country & city entrepreneur ranking in the world in 2025.

Ranking	Country names	Entrepreneur amount above one billion dollars	Ranking	City names	Entrepreneur amount above one billion dollars
1	America	870	1	New York	129
2	China	823	2	London	97
3	India	284	3	Shanghai	92

4	Britain	150	4	Beijing	91
5	Germany	141	5	Mumbai	90
6	Swiss	116	6	Shenzhen	85
7	Russia	89	7	Hong Kong	74
8	France	72	8	Moscow	69
9	Italy	69	9	New Delhi	63
10	Brazil	67	10	San Francisco	55
11	Canada	65	11	Singapore	48
12	Australia	49	12	Taiwan	48
13	Singapore	48	13	Paris	46
14	Indonesia	44	14	Bangkok	43

3. Conclusions

With regards to thriving the high-tech industrious development like AI robotic, New-energy automotive & aerospace research and expansive fields we should positively and intensively put our attention and capitals into those emerging industrious & business' project by government institution. Thereby, many researcher and senior engineers and much money will be investing for reviving the economic continuously developing with initiating new measures in our searching and manufacture fields of the mentioned development. The economic development is meeting an important occasion which exhibits that the emerging country and city economic community has been growing rapidly. Currently the Asian ones are affording a strong potential in the world economy situation so we must consider about its development reason and forecasting future status in advance. Firstly, the Asian China & four little dragons even recent four little tigers like Malaysia Indonesia Philippine & Thailand will play an important role in far east area because the advantage geography position like coast sea area so its sea transportation will be developed with the heavy tons freight in the container-ship. Secondly, the many population accumulation will become an important factor which needs a strong developing demands in the competitive environment. At last, the climate conditions would be a advantageous feature there to proceed more than two times acquirement in one year because of its comfortable atmosphere and earth all the time. On the contrast the scientist and fellows processes continuously searching work to help the government and enterprises to make some decisions on the high-tech cutting edge field which may afford a strong future anticipation and prosperity for human being generation continually.

References

1. Baidu AI, Internet
2. Morning News, CCTV-1, Mar. 29th, 2025
3. CCTV-1, Mar. 29th, 2025
4. News, Wechat, Mar. 26th, 2025
5. XiaoDong Xu, Wechat, Mar. 29th, 2025
6. Wechat, Mar. 29th, 2025
7. The youngest doctoral supervisor, News, Mar. 27th, 2025
8. News, Mar. 27th, 2025