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### The Searching for Retrieving GDP Increasement with China Top Cities & Africa Top Nations and the Academic Journal with the International Journal of Computational Engineering Research on Scientists

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#### ABSTRACT

*The GDP(gross domestic product) will be enhancing with the help of urging high-technique product into market after passing through the investigating market and calculating the cost problem. Therein the experimental trial to find the internal construction with regard to making the original sample to proceed under the required conditions. So we can review its cause-result relation and writing innovation paper in famous magazine to advertise the cutting-edge-field product procedure and parameters that will be affecting the requested production function. Through many times the verified the result might be found with the eternal principle no matter how it can make the relationship to be correct that may demand many time to search for the micro-mechanism. So that the new found will urge the product on-line to become the new function for us to use utmost. Maybe the new theory will need much many to seek the regulation mechanism according to new formula including the experience ones. Even erecting a new book and theory to explain the new phenomenon like quantum dynamic which ever was a mysterious one for us grasp how to identify its mechanism to line problem with dynamics aspects by Bohr & Planck after Einstein. From there the light line particle property would be identified by us from the wave world which may be looked to be a wave one like water wave. Thereby the high-tech theory would birth the high-tech product like we developed our computer skill with the particle performance of light that is about to amplify our research calculation speed for about ten billion times. From now on the quantum computer research will open a new crossing century new one to be searched for around the world scholars often. Moreover, AI technique will become a prevalent words in Internet News reports by China & USA making robots that can take place of our human being to proceed all kinds of work specially in risk occasions like nuclear electric generator and difficult & dirty ones occasionally in Japanese Fukuoka nuclear blasting generator by tsunami. Thereby the AI robots can replay us to do a series of difficult work may become a good news in television programme. We should continue to make such independent robots as soon as possible certainly considering their cost and price matter with lower price. Therein the new era of robots will be opening in front of us soon like that Astro Boy in Japanese cartoon will be exhibiting in the world dedicated to the society infrastructure development. Presently the many robots work in manufacturer shop to replace us proceeding all kinds of moving, welding even electronic ship processing with precisely processing method by accuracy. All those may prove their eminent roles in factory for the sake of promoting quality and efficiency with lowest cost and highest preciseness took place of our human being. We must produce more robots proceeded all kinds of architecture industry and making one etc.*

**KEY WORDS:** retrieving GDP value increasement; International Journal of Computational Engineering Research; academy journal; China top cities & Africa top nations; innovation research

1. Introduction

The GDP which indicates national economic status has provided an important role in every aspect in the world. So that the population increasing rate would be maintained for the sake of raising high-technique product with the entire industrial chain constantly which might enhance our new-quality-productivity. Hence we should consider the effective factors for example the population quantity, new quality productivity with high-technique etc. like big plane electric vehicle battery AI robot quantum computer medicine making disease diagnosis AI(artificial intelligence) ocean source space exploration nuclear generator etc. other ones. Low population is enable to offer high life & quality with improving GDP per capita value. Meanwhile, it can enhance the national whole GDP value and help us to boost the economic recovery and many things to do. So the certain population is about to improve our national confidence some degree and make us to become priority one as early as possible even the super-country to lead the world to leadership right.

In contrast, the GDP increasing rate may play a significant role with regulating population increasing rate mutually and cooperatively. Hence the two aspects may be emphasized and paid attention to in thriving the whole national economic developed degree through enough wielding our generations positively and efficiently by our government institution endeavor and evaluation. For the sake of making relevant policies and allocating capital into the necessary industries the corresponding strategic plan needs to be made under various background and entities. Then the according monitor and estimation will be followed and estimated periodically and frequently by the observer in government's institution. At last as to the developed speed in one nation the corresponding population increasing quantity and high-technique product producing will be discussed and considered more preciously and correctly according to the near past years experience and variation.

Therefore, the high-technique products will be completed through wielding our scientist & senior Engineers coordination tightly for the sake of reviving the industrial and tertiary modernization. We should constantly look for and seek the new quality productivity sustainably so as to take place of our traditional industry becoming modernity. An innovation industry like new energy electric generator will be in front of our path forwards, so that the corresponding tactic must be put up and seek the opportunity and fortune in order to burden our responsibility quickly and not to forget recommend the fitting one to appoint new occupation. Like the Bole identified horse or Maosui self-recommended the recommendation will be represent one aspect for our human resource department to consider and evaluate the recommended included a full research room with a set of computer high-technique instrument & device, subordinate, subsidiary staff, salary, house, welfare etc. a series of work so as to appoint his new occupation reasonably and willingly. [1~18]

2. Discussions

2.1 China top cities & Africa top nations GDP comparison

The China top cities & Africa top nations GDP in 2016~2022 would show 645~435 billion dollars by Beijing~Egypt accordingly indicated their strong economy entities in 2022 in light of Figure 1. The y-y value attained both 10% ~13% by them recorded their faster growth speed. In contrast, the Shenzhen maintained 471 billion dollars with the y-y value 7.8% to be the slowest one.

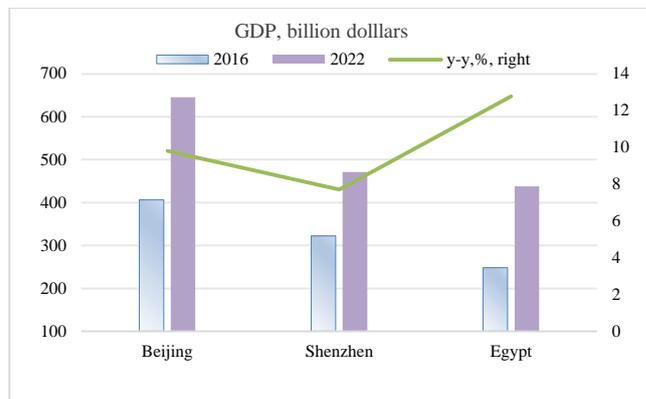


Figure 1 The China top cities GDP comparison [1]

The China top cities & Africa top nations GDP in 2023~2024 would show 755~258 billion dollars by Shanghai~Nanjing cities accordingly indicated their strong economy entities in 2024 in light of Figure 2. The y-y value attained both 2% ~1.5% by them recorded their modest growth speed. In contrast, Chengdu city realized the fastest y-y growth speed value with 2.2%. On the contrary, the Guangzhou maintained 0.4% with the y-y value to be the slowest one. Additionally the Shenzhen Chongqing Guangzhou ones completed the 515, 450, 435 billion dollars respectively to exhibit the better achievement following Shanghai city.

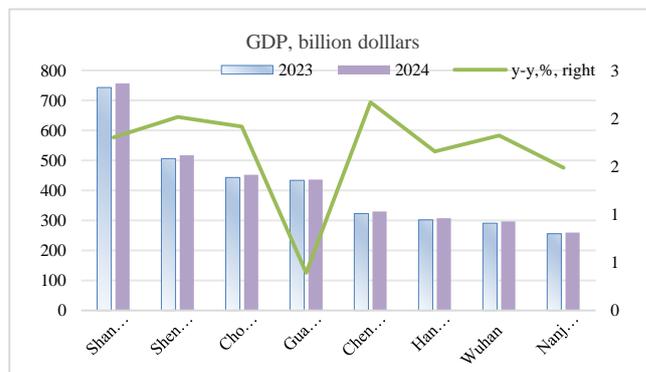


Figure 2 The China top cities GDP comparison [1]

The China top cities & Africa top nations GDP in 2021~2022 would show 645~346 billion dollars by Beijing~Suzhou cities accordingly indicated their strong economy entities in 2022 in light of Figure 3. The y-y value attained both 8% ~6% by them recorded their modest growth speed. In contrast, the Shenzhen maintained 471 billion dollars with the y-y value 9% to be the fastest one. The other two would become Egypt & Guangzhou realized the y-y value with 7% for both of them recorded modest growth speed. On the contrary, the Nigeria & South Africa expressed the slowest minus growth with -2.9% & -6% respectively in 2022.

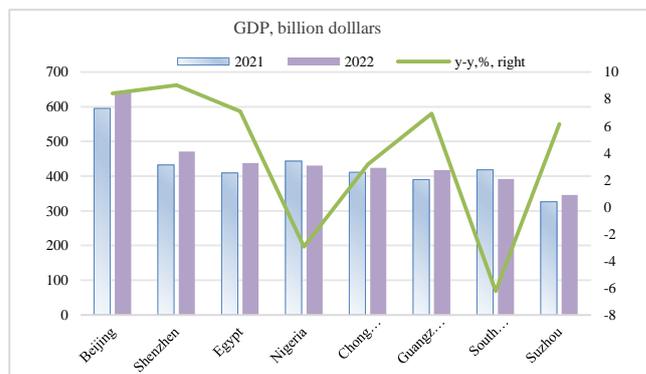


Figure 3 The China top cities & Africa top nations GDP comparison [1]

Furthermore, the China top cities & Africa top nations GDP in 2019~2021 would show 595~325 billion dollars by Beijing~Suzhou accordingly indicated their strong economy entities in 2021 in light of Figure 4. The y-y value attained both 5.9% ~8.4% by them recorded their faster growth speed. In contrast, the Egypt maintained 410 billion dollars with the y-y value 9% to be the fastest one. On the contrary, the Nigeria retained the slowest speed with 0.7%.

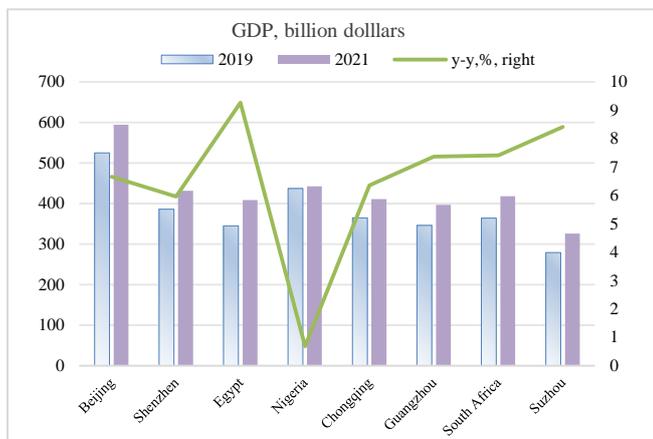


Figure 4 The China top cities & Africa top nations GDP comparison I[1]

Meanwhile, the China top cities & Africa top nations GDP in 2019~2021 would show 640~70 billion dollars by Shanghai~Tanzania accordingly indicated the Shanghai strong economy entities in 2021 in light of Figure 5. The y-y value attained both 6% ~5% by them recorded their more modest growth speed. In contrast, the Morocco Ethiopia Algeria maintained 3.7% speed value for all of them to become the slowest one.

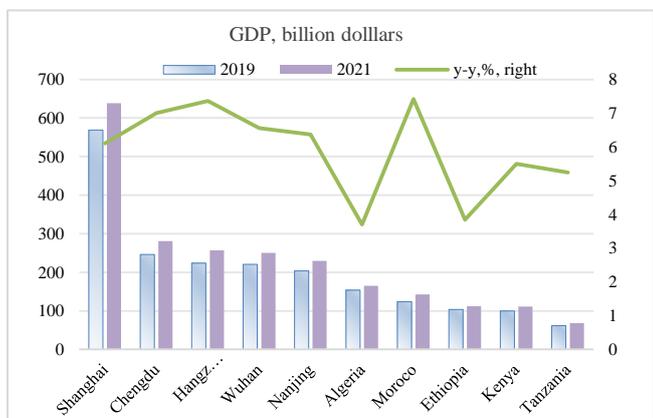


Figure 5 The China top cities & Africa top nations GDP comparison in 2019~2020. [1]

At the end, the China top cities & Africa top nations GDP in 2013~2015 would show 340~260 billion dollars by Beijing~Shenzhen one accordingly indicated their strong economy entities in 2015 in light of Figure 6. The y-y value attained 8% ~10% by them recorded their more modest growth speed. In contrast, the Egypt maintained the higher 330 billion dollars with the y-y value 6.5%.

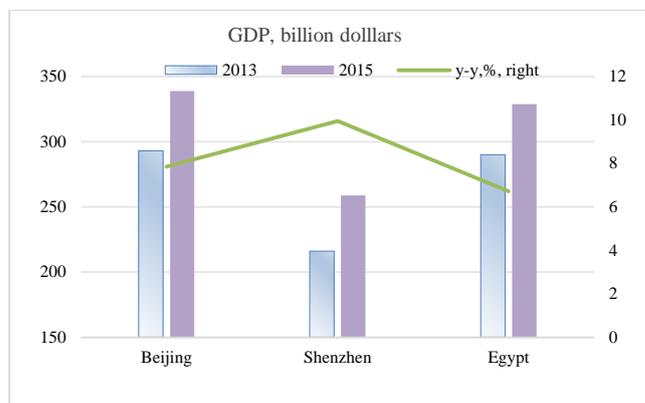


Figure 6 The China top cities & Africa top nations GDP comparison in 2013~2015. [1]

### 2.2 Subject for the International Journal of Computational Engineering Research

With regards to the ISSN (Online) to be 2250-3005 and published by the International Engineering And Science the online publishing charges will be 1000 INR. Meanwhile, the volume number is the volume 14 and Issue 12, 2025. It has the index with the Google Scholar index. Moreover, the IJECER Online is having e ISSN 2250-3005 (online), Impact Factor to be 6.41 bi-monthly international journal, being published in the months January to December. [2] The International Journal of Computational Engineering Research is online, open access, peer reviewed, periodical international journal. At the end, we sincerely invite you to submit your cherish papers to our journal, we will publish on line with cheapness and rapidness after passing through the review process quickly. Summarily, the high-technique product can create the more advanced one for serving to people conveniently, thereby we must fast look for the track of new phenomenon and theoretic proof so as to quickly grasp new one sustainably. Only if we master enough new ones we can avoid going around the longer path with wasting much time and labour. Therefore, we should investigate detailing documentary materials frequently and know the one thing tendency with regulating all over our prior research and development in a library. We should fast occupy the advantage one and then the labor will become more brilliant. Let us continue make a good and new thing everyday. At the same time, the request research and project can wield more innovative loop and then it pushes the GDP value to make an increasing every year.

### 3. Conclusions

As for promoting GDP increasement the high-technique product making the whole industry chains will wield their forces in up and down-stream makers. Only the better up-stream may create the better down-stream for the sake of making high-quality and high-level ones finally. We should guarantee the original parts then the better one can be acquired. Certainly the product should pass through trialing in experimental level and then transfer to the maker for the launch producing if the cost problem and order amount can be had that may be key joint for us to produce a sustainable products. So that the market investigation will become the advanced action to judge the advantage in industry. Hence the educating the talents becomes significant meaning that might provide the engineer and scientists understood and found new innovations in laboratory level and manufacturer R &D(research & development) department after trialing new performances. So that the laboratory a team may become the first field in light of making information from industry field where many members can join the relevant respects around the new function and applications. Meanwhile they make the new trial

with provided original sample and make a series of research so as to look up the breakthrough through simulated procedure in advance with optimized mathematics induction. Therewith, the quicker and timelier performance satisfaction degree can be acquired through thorough investigating for the sake of finding ideal product function and performance. Others like cost efficiency quality etc. will follow the dealer and makers to do in a manufacturer that also may be informed the research team to find more low cost and high profit materials or procedures to take place of the old one. Hence the more candidates will be made by us in advance in order to wield their roles urgently and in time.

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### Ethic Declarations

The authors declared that there were not conflicts of interest.

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