

# On the importance of “cycle” in production and life

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**Abstract:** Nowadays, the development of science and technology is changing with each passing day, but daily production and life, such as economic phenomena, follow the law of one cycle, such as investment and return, as well as the performance evaluation of the whole life cycle (LCA) from product manufacturing, use to scrap recycling, etc. Engineering projects and scientific research projects also have a fixed cycle. At the same time, from a national plan to a personal career plan and work plan, the plan is made in a fixed cycle. In order to improve work efficiency, this paper puts forward the method of understanding the cycle law, so as to find the method of observing and making good use of the cycle.

**Key words:** periodic economic phenomenon efficiency law plan

## Introduction

In work, such as economic activities and technical projects, the concept of “cycle” is often involved. Business cycle generally refers to economic activity. Regular expansion and contraction along a certain trend. For investors, clarifying the current cycle position is the focus of work and the basis for ensuring investment income. In other words, people hope to make a correct judgment on whether to increase investment in the next step by understanding the current cycle position, so as to reduce investment risk and increase the yield. As we all know, the market cycle fluctuates, but most investors often only think about the first level of the market cycle. Among many investors, Howard•Max is special. He is a value investor. According to the investment demand, he further subdivided the cycle into economic cycle, market cycle, real estate cycle, non-performing debt cycle, credit cycle, risk attitude cycle, investor psychology and emotional pendulum, enterprise profit cycle, government intervention economic cycle, etc., and described each cycle in detail. Among them, the author believes that people’s decision-making will have a huge impact on the market cycle, enterprise cycle and economic cycle, but people’s decision-making is not scientific. His research points out that people tend to go to extremes and will never end. Therefore, these extremes need to be corrected eventually, rather than the occurrence of cycles will change. As an investor, we should be alert to the idea of “this time is different”. Once such an idea appears, and has a fluke mentality, it means that the rationality of investors’ decision-making decreases. If we can keep vigilance all the time, it means that investors have realized the opportunity to obtain high return on the basis of understanding the cycle. The book analyzes the two-level shallow thinking of entering the market cycle, clarifies the cycle law of the past, clarifies the cycle position of the present, predicts the cycle trend of the future, and clarifies the investment layout of a few winners to overcome the market for a long time and cross the financial crisis. In addition, the cycle is also widely used in the project, and its project schedule can carry out a number of work at the same time, including purchase, production and construction. This paper will propose to make good use of the law of cycle to achieve twice the result with half the effort.

## 1. Learn to recognize and understand the law of the cycle

The shortest life span on earth is an insect called mayfly. The learned leader has recited those two poems: “send a mayfly to heaven and earth, a drop of the sea.”. It was with the help of ephemera’s short life span that the ancients lamented that our life was only a short moment. Generally, crops grow in spring, grow in summer, and mature in autumn, but some, such as ginseng fruit, have three generations. Another example is that the life span of pine leaves is about 4-5 years, and leaves fall every year, but it seems that it is an evergreen tree. Compared with previous years, the climate of a year is comparable, and its accuracy is higher than that of a month, a week and a week. For example, the weather may change from sunny to rainy. It is difficult to find its fixed law. The annual comprehensive performance can reflect the energy efficiency of the system relatively accurately.

According to Marx’s economic theory, such as the market price of pigs and the investment in pig raising, the price of pigs rises, people invest one after another, and then the scale is expanded, resulting in the price decline, and then the scale is reduced, and so on.

The general cycle of scientific research projects is one year, but like the project schedule, multiple projects can be carried out at the same time, which is the typical application of the overall planning method.

## 2. Follow cycle

Work 5-6 days a week and rest naturally. This arrangement is in line with people’s work and rest rules. It can also be called biological rhythm or biological rhythm.

In actual cases, there are also successful examples of following the cycle. The author once tutored a student. At that time, her score was about 15 or 6, which was not too bad. However, due to the limited educational resources, she had given up the hope of further education. According to her own situation, it is basically impossible to make further progress in 10 places. But after analyzing her time cycle and other

factors, she made a plan, that is, in two steps. In the first semester, she made progress of 5-6 places, reaching about 10-11 places in the class, and in the second semester, she made progress of 5-6 places, reaching about 5-6 places in the class, so that she had the opportunity to further study. The result was really achieved as planned. Another student always felt that his major was not suitable for him at the stage of postgraduate study and wanted to change his major. She is advised not to make trouble unless it is a last resort. Because three years will also pass quickly. This student has graduated and worked for a long time now. Every time, he will say that your understanding of the cycle is right.

In the biomedical industry, generally speaking, the time consumption of a new drug (innovative drug) varies slightly from stage to stage: project approval (4 months), preclinical research (9-24 months), CDE pending clinical trial (more than 1 year), clinical trial (3-5 years), CDE pending production (1 GMP certification), and at least 8-10 years until marketing. Of course, the development of the new crown vaccine is a special case and requires sudden research and development.

### 3. Utilization cycle

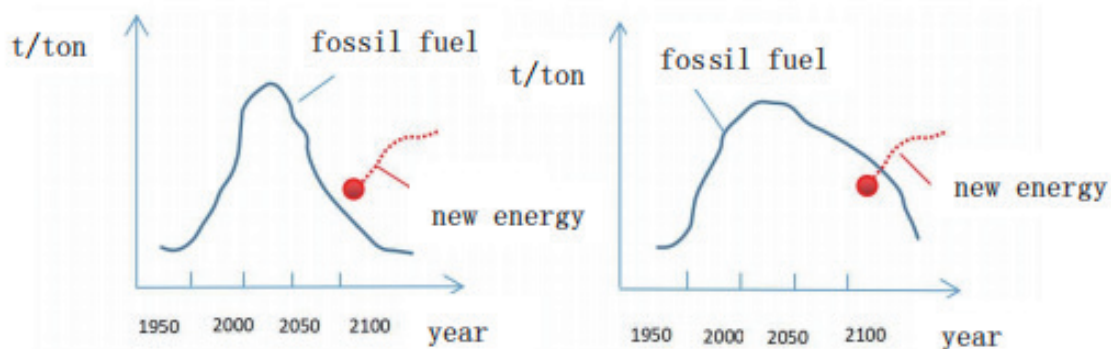
#### 3.1 "Cycle" in life

Time is fair to everyone. We have 24 hours a day, but some people can spend 30-40 hours. How did they get there? This is the result of his simultaneous multiple projects.

The development of the industry and the stock market also follow the growth cycle, such as infancy, growth, maturity and recession. Capital or intelligence intervention is generally recommended in the growth period. For example, scientific research topics should be selected as hot topics in the next 3-5 years. When making plans, it is necessary to comprehensively compare the initial investment, operating costs, etc., which is now a popular life cycle analysis method, which can provide a basis for leaders to make decisions.

According to the periodic iteration method in references 5 and 6 in Chapter 1, singing can solve the problem of solo breathing time, which can last for more than 2 minutes at a time. At the same time, an iterative multi-channel superposition system can be invented to achieve more stable operation. But the superposition of human emotions is about to be released. What foreigners are good at is task decomposition, starting from the weakest environment. In the innovation methodology, it is said that we can analyze the causes from several levels to the root, so as to cut off the intermediate links leading to the results.

Among them, the quickest way to achieve results is resource integration. The ancients left us a classic example, such as Tianji horse racing. Just adjusting it, we got the opposite result, with 0:3 becoming 2:1. This is a textbook to shorten the cycle and win. Basically shorten the cycle to less than hours. Corresponding cases of extended cycle: Taking the energy sector as an example, according to the current energy efficiency calculation, fossil fuels such as coal and oil will be used up in the next 3-50 years. So the purpose of researchers at this stage is to improve the energy efficiency of the system, slow down the consumption rate of fossil energy, and wait until the sustainable such as nuclear energy is mature and put into the market. As shown in Figure 1.



**Figure 1 Schematic diagram of improving system energy efficiency and slowing down the consumption rate of fossil energy**

#### 3.2 Economic "cycle"

##### 1. Business cycle division method

According to the duration, the academic circle divides the economic cycle into kichin cycle, zhugra cycle, Kuznets cycle and Kondratyev cycle. The kichin cycle generally lasts for 3-4 years, which is also called "short cycle" because of its shortest duration; The chugela cycle generally lasts 9-10 years, and its duration is in the middle, also known as the "medium cycle"; The Kuznets cycle generally lasts 15-25 years, with an average duration of 20 years, which is also known as the "construction cycle"; The Kondratyev cycle generally lasts 50-60 years, which is the longest of the four economic cycles.

In order to facilitate the study of the application of "cycle" in the economic field, people divide the economic cycle into several stages. There are two main methods for dividing the stages of the business cycle, namely, the four-stage method and the two-stage method. Among them, the two-stage method mainly divides the economic cycle into two stages: expansion and contraction. Generally speaking, the economy tends to grow in the expansion stage and can grow to the economic peak at a faster speed. After reaching the peak of economic

development, it began to decline, entered the contraction stage, and then went down to the lowest point. After two stages of expansion and contraction, economic development has experienced one economic cycle and started to enter the next cycle. The four stage method is to continue to divide the stages of the economic cycle on the basis of the two-stage method, mainly including four stages of prosperity, recession, depression and recovery. Its fluctuation mode is the same as that of the two-stage method. In the four stage method, prosperity and recovery correspond to the expansion stage in the two-stage method, and the economy is in an upward trend, while recession and depression correspond to the contraction stage, and the economy is in a downward trend. Comparatively speaking, the four stage method is more meticulous in dividing the economic cycle, and can more accurately reflect the operation of the economy.

#### 2. the current cycle has expanded so far

According to the two-stage approach, China's economic cycle has entered a new round of expansion since 2014, and the stock market, real estate, credit and so on have started to re-enter the rising range after going through an economic cycle. According to the performance of the previous economic cycle in the expansion stage of the stock market, real estate, credit and other fields, in the early stage of development, the growth rate of the financial cycle is faster than that of the economic cycle, and the "Pro cyclical" of finance can promote the economic expansion and make it experience the change of the expansion speed from slow to fast. At present, the growth rate of China's financial cycle is higher than that of the economic cycle, which indicates that China's economy is in a state of slow rise. Affected by the situation at home and abroad, the cyclical expansion of China's economy after 2019 is blocked, and even stagnates from the end of 2019 to 2020. At the same time, in the current round of expansion, the financial risk was significantly higher than that in the previous round, and the stock market, real estate, etc. had a large vibration, and its amplitude was significantly higher than that of credit growth. It can be seen that there are abnormal fluctuations in the stock market and housing market in China during this cycle of expansion. Since 2015, China has implemented stricter regulation of the real estate market to curb the rapid rise of the real estate market, which has played an important role in stabilizing domestic economic development.

### 4. Insights and suggestions

Lao Tzu said, "governing a country is like cooking small delicacies". What he said was to choose the right cycle. A small fish is a small fish. You should have such an experience: when roasting a small fish, you can't always toss and turn the fish around, so it is easy to turn the fish into rot; You can't keep turning, the fish will be scorched. Only when flanging is carried out at a suitable time can a good work be baked. The same is true of governing the country. Policies cannot change too quickly, so there can be no sufficient precipitation. After a specific period of time, we need to carry out an innovation, because there are some factors of corruption. This sentence is also suitable for personal life and work.

Farmers should bear the fruit, and the crops in the field do not bear fruit just after planting. Similarly, pregnancy usually lasts until 40 weeks. And we often only pay attention to the wreath, but we don't know: "one minute on stage, ten years off stage." This decade is the time cycle of investment.

The cycle corresponds to the plan. Countries generally have a five-year plan, that is, five years is a cycle. Generally speaking, I have a long-term plan, such as a 5-8-year long-term plan, and a short-term plan, such as a monthly, weekly, and daily plan. Foreigners often use the appointment method in clinics or affairs, that is, the plan, which will make things more orderly. The return period of project investment should not be too long. For example, projects such as contract energy management, it is appropriate to take about 3 years. If it is too long, it will be related to personnel transfer, and the procedures will be cumbersome.

### 5. Conclusion

- 1) Recognize the law of the cycle, plan the return on investment, and realize the value of increasing profits;
- 2) The method of operation cycle can improve the efficiency of organizations and individuals.

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# Analysis of the hometown factor in industrial transfer: Survey of textile enterprises from Shaoxing, Zhejiang

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**Abstracts:** Compared with industrial transfer under the market law, the return-type industrial transfer driven by entrepreneurs returning to their hometowns is characterised by the specificity of the transferring subject. The returning entrepreneurs are subjects with specific regional identity characteristics, and the return-type industrial transfer is an industrial transfer with the hometown factor as the core driving mechanism. Based on survey data from entrepreneurs in the central and western provinces of Shaoxing, Zhejiang Province who intend to transfer their enterprises, a structural equation model was used to analyse the factors influencing entrepreneurs' return to their hometowns. The results show that location pressure and hometown attractiveness have a significant facilitating effect on entrepreneurs' willingness to return home, while location resistance has a hindering effect on entrepreneurs' willingness to return home.

**Keywords:** industrial transfer; hometown; regression; structural equation modelling

## 1. Introduction

At this stage, the main contradictions in China's society have developed and changed, and unbalanced regional development is one of the important factors preventing people from achieving a better life. Promoting high-quality economic development in the central and western regions, promoting balanced regional development and achieving common prosperity requires exploring new ways of economic growth in the central and western regions. Inter-regional industrial transfer is an effective path to shorten the regional economic gap and is conducive to the optimisation and upgrading of industrial structure and coordinated regional development, so it is of great practical significance to actively explore efficient ways of undertaking industrial transfer for balanced regional economic development. The study of inter-regional industrial transfer can be traced back to the flying-geese model proposed by Japanese economist Akamatsu in the 1930s, which argues that late-developing countries advance the industrialisation process by taking over the industrial transfer from high-gradient countries and then transferring out industries to low-gradient countries in a gradient transfer process. The dichotomous structural characteristics of China's regional economy have created a clear gradient gap between the east and the mid-west. The large-scale transfer of marginal industries from the pre-developed regions to the latter regions according to the regional gradient theory has not occurred as expected, and the problem of sticky industrial transfer has emerged. This has attracted the attention of many scholars in China. At this stage, the objective transfer conditions for the external dynamic mechanism of transferring industries to work already exist, and to realize the process of transferring industries on a large scale from the east to the central and western parts of the country, it also needs to be implemented with the help of external policies that incentivize enterprise decision-making. Scholars have paid attention to the return-type industrial transfer one after another. Its intrinsic logic lies in the return of industries to their hometowns along with the return of entrepreneurs to their hometowns, while the deeper mechanism is the hometown feeling, which has the typical characteristics of high speed, low cost, strong motivation, low

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