

Optimal Game System Construction of Multilateral Trading System from the Perspective of Regulatory Economics Based on Cloud Data Calculation

Jin Yu

School of Electronic Commerce
Zhe Jiang Business Technology Institute
Ningbo, China, 315012

Abstract:By analyzing the atmospheric radiation characteristics of clouds in different bands, combined with the spectral characteristics of MODIS data, a multi-spectral integrated cloud detection method is proposed. This paper argues that from the macro level, economic development strategy, economic development level and economic scale are the main factors affecting developing countries' alliance; while from the industrial level, the game theory of dynamic analysis of the relationship between the subjects and the two-level negotiation-related Analysis of game theory. From the perspective of game theory, this paper analyzes the main contradictions in the current construction of the credit system of small and medium-sized enterprises, and analyzes the construction and innovation of the credit system of small and medium-sized enterprises in Yongzhou city.

Keywords: Data Visualization, College Smart Education System, Integrating Social Management Information

1. INTRODUCTION

Since the inception of the multilateral trading system (GATT/WTO), developing countries have participated in all rounds of negotiations from beginning to end. In terms of the form of participation in negotiations [1], the vast majority of developing countries have participated in various negotiating alliances. Externally, the government is faced with the general environment of how to obtain the understanding of other members through multilateral negotiations [2] and consultations within the framework of multilateral trade system negotiations, and obtain an international trade legal system that is beneficial to its own economic interests through bargaining [3]. The WTO is not a A development aid agency, but a member-driven organization, which means that the laws and resolutions formed within its framework are the product of compromise between developing and developed members, and are based on the commitments [4] undertaken by member governments and their representatives. A lot of analysis work.

There are also analysis of image data, empirical values from multiple trials, thresholds based on Bayes Factors, and so on [5]. This paper analyzes various contradictions and conflicts in the current construction of the credit system of small and medium-sized enterprises [6], and provides the improvement methods and countermeasures that can be used for reference for the construction and improvement of the credit system of regional small and medium-sized enterprises by analyzing the case of Yongzhou, Hunan [7]. The author always believes that, as an important methodology, the object of game theory research is how the interdependent rational subjects make decisions. It is the most appropriate [8], scientific and comprehensive way to use game theory as the institutional basis for the establishment and existence of GATT/WTO [9].

It can not only explain the institutional reasons established by GATT/WTO. The central idea of the threshold method is to select the best threshold according to the characteristics of image grayscale [10], brightness temperature, reflectivity or normalization index, and to compare the eigenvalues of image pixels with those of the image pixel one by one. The thresholds are compared [12], and finally the pixels are

divided into corresponding categories according to the initially set thresholds. From different perspectives, the random service system has different classification forms [13]. According to the number of service desks, it can be divided into single service desk queuing system and multi-service desk queuing system [14]. From the time continuity of customer arrival and service, random service systems can be divided into discrete-time queuing systems and continuous-time queuing systems. Economic development strategy is the most important decision-making variable in a country's economic development [15]. According to the attitude towards trade development, it can usually be divided into export-oriented and import-substitution strategies [16].

In the game at the domestic level, interest groups continue to exert pressure on the government, forcing it to adopt its own preferred policies [17] and then profit for itself. Political leaders pursue their own power by establishing alliances between groups. Strengthen the government's negotiating ability and lay a good foundation for domestic enterprises to meet challenges and compete fairly [18]. This paper hopes to provide some thoughts on how to enhance the government's negotiation ability through the analysis of the game theory commonly used in economics to dynamically analyze the relationship between the subjects [19] and the two-layer game theory related to negotiation. However, the algorithm requires the input of data such as surface type, altitude [20], and distribution of ice and snow, and uses a large number of bands at the same time, which is easily affected by the working conditions of the sensor. behavior of interacting with each other [21].

For example, Player_A, he established a credit rating system according to the characteristics of his department, but in order to obtain the maximum benefit, that is, to get the maximum recognition [22] of the enterprise, he needs more information to enrich his rating basis. In other words, "game" Represents a combative decision-making problem, "It is similar in form to indoor gaming games or games such as chess, bridge, poker [23], strong hand, diplomacy or battleship, and it emphasizes the rational, cool, and computational nature of analysis This chapter first introduces the information of MODIS data; then

introduces the process of data reading and preprocessing [24]; and then analyzes the spectral characteristics of different objects in detail to lay the foundation for cloud detection. This means that if the spectrum in the system is free when the primary user's service request arrives [25], then joining the system will get a positive expected net benefit. Under the above assumptions, there will always be some primary user service requesting to join the system. Next, we consider the policy behavior of users in cognitive radio systems under different information situations.

2. THE PROPOSED METHODOLOGY

2.1 The Regulatory Economics Perspective

South Korea and ASEAN countries disagree with most developing countries in the negotiation on services issues. While most developing countries oppose the negotiation on services issues, South Korea and ASEAN support the US proposal. Secondly, in terms of extension, the game involves a wider range and more diverse modes than general negotiation. General negotiation has fewer requirements for the negotiating party, and only requires the negotiating party to have a correct assessment of its own purpose and the benefits it hopes to obtain through negotiation. Applying game theory to negotiation practice is to apply dynamic Issues of concepts and own and counterparty strategies are introduced into the analysis of negotiation. From Susan Strange (Susan Strange) on the development of the dynamic relationship between countries, including negotiation, has formed its unique system.

The data used in this paper is the 1B data of MODIS. After geometric correction, calibration calculation, etc., the data value of visible light and near-infrared band is reflectance, and the data value of thermal infrared band is brightness temperature value. At present, there is no enterprise credit system in my country. A national unified leading model has been formed, and different industry management departments have led the construction of different enterprise information management systems. At the same time, with the continuous economic development of East Asian countries and the continuous improvement of export structure, their status in the global production and processing chain is also rising, so the GATT complained by traditional developing countries does not include the concerns of developing countries. From the structure of negotiation, the negotiation process under the guidance of game strategy is more systematic and orderly.

General negotiation mainly studies how to organize and conduct negotiation from the perspective of individual negotiation, but lacks research and analysis on the impact of negotiation results on the entire socio-economic and political order. Visible light B1 is the preferred channel for cloud detection. If the reflectivity is greater than 30, it can be judged as a cloud.

2.2 The Multilateral Trading System

The brightness temperature difference between B29 and B31 is easy to detect high clouds, and B26 is easy to identify high cirrus clouds. This paper combines them to judge cirrus clouds. The specific manifestations are as follows: First, the legislation of credit reporting is seriously lagging behind, and the construction of enterprise credit system lacks legal protection. The game of different stakeholders has led to the delay in promulgating the "Regulations on Credit Information Management", and departmental regulations and some local regulations. From this point of view, "Nash equilibrium" only refers to the combination of the optimal strategies of all

players, not the combination of strategies with the maximum utility of each player and the maximum total utility of all players (that is, the "Pare" best").

In fact, "Nash equilibrium" often represents the situation in which the combination of strategies that maximizes the utility of each player cannot be achieved. In the file MOD021KM.hdf with a resolution of 1 km, the numerical attributes in the three-dimensional attributes contain the slopes and intercepts of the compressed reflectance and radiance, as well as the units of reflectance and radiance, so according to these parameters, the formula (2 -1), (2-2), the reflectivity and radiance of each band can be obtained. In the case of no captain information, the main user does not know the captain information of the service request of the main user. By formula (2.2), a service request arriving at the main user joins the system with probability. Therefore the primary user service request joins the system at an effective arrival rate of .

They have such considerations. First, the impact of the liberalization of trade in services on the domestic economy is still unknown, and the liberalization of the service industry may promote the development of the domestic service industry; second, and more importantly, to take advantage of the opportunity to negotiate new issues Different from the general negotiation, the game is a systematic project, which not only pays attention to the strategic choices of both sides in the game and the mutual influence between the strategies, but also pays attention to the mutual influence between adjacent games. This is very evident in the negotiation of my country's return to the world. In the game at the domestic level, interest groups continue to put pressure on the government, forcing it to adopt its own preferred policies to make profits for itself; alliances between them to pursue their own power. In the game at the international level, a country's government always strives to maximize its own interests in order to cope with domestic pressure at any time, so as to minimize the adverse diplomatic consequences.

2.3 The Construction of the Optimal Game System of the Multilateral Trading System

Taking advantage of the characteristics of high cloud reflectivity of B26, low reflectivity of low clouds, and the difficulty of identifying cirrus clouds in visible light, the combination of B26 and B1 is used to further detect cirrus clouds; The reflectivity in these two channels is similar. With the goal of transforming the concept of corporate credit, we will increase publicity and training for small and medium-sized enterprises. Credit information publicity focuses on effectiveness and pertinence, and has carried out various forms of publicity and training for enterprises, which have achieved good results and basically reversed the inability of enterprises to provide credit information system construction in the past. Looking at the development history of the world trade system, since 1947 Since the establishment of the GATT system, numerous multilateral or bilateral trade agreements have been aimed at reducing or even completely eliminating the restrictions on international trade imposed by trade barriers of various countries, thereby achieving trade liberalization. Vegetation, water and sand can be separated from clouds and snow according to the characteristics of brightness and temperature, and then use T27 again to separate the snow and ice.

In this way, cloud detection based on a fixed threshold can be completed by combining the characteristics of water vapor, reflectivity and brightness temperature. In cognitive radio

systems, throughput and social benefit are two important concerns. The former reflects the efficiency of the system, while the latter reflects the total net benefit of all customers. From the perspective of system managers, they hope to maximize the efficiency of the system, while the goal of social managers is to maximize social benefits. Different from general developing countries in terms of economic and trade policies.

3. CONCLUSIONS

In this paper, the spectral characteristics of clouds in different bands are analyzed, and a cloud detection scheme based on the multi-spectral comprehensive threshold method is used to detect and process the MODIS data cloud. To consider the outcome of the problem from the equilibrium view of the game, and to improve the domestic legal mechanism, it requires the formation of a "share belief". The game equilibrium system view holds that the system is inherently generated by the strategic interaction of the participants. When the interaction of these strategies can produce balanced results, coordination and communication with relevant domestic decision-making departments.

4. REFERENCES

- [1] Tang Yayun. From marriage and marriage to "two-headed marriage": Game analysis of the evolution of Chinese marriage patterns [J]. Cultural and Educational Materials, 2022(3):4.
- [2] Guo Yang, Wu Feng, Xu Qingqiang, et al. Optimal capacity allocation strategy of wind-solar-storage system under different operation modes and economic analysis considering network loss subsidies [J]. Smart Power, 2019.
- [3] Li Ping, Nie Zhengying, Wang Haisong. The Optimal Path Selection of Agricultural Products Agreement Circulation—Based on the Perspective of Green Supply Chain [J]. Business Economics Research, 2019(14):4.
- [4] Lian Xiaolin, Li Xiaolu, Cao Yang, et al. Multi-microgrid coordination optimization scheduling considering multi-agent master-slave game [J]. 2021.
- [5] Tan Guanfu. Internet Regulation under the Multilateral Trading System [J]. Modern Management Science, 2019(2):3.
- [6] Cao Wujun, Zhou Maling, Xue Chaogai. Research on the Influence Mechanism of Government Regulation on the Development of Cross-border E-commerce Industry: Based on Evolutionary Game Theory and System Dynamics [J]. Business Economics Research, 2020(1):4.
- [7] Wang Yu. Research on the optimal mechanism design of global tourism marketing based on Stackelberg game [D]. Chongqing University, 2018.
- [8] Feng Junzong, He Guangcheng, Daihang, et al. "Source-load" low-carbon economic dispatch based on cooperative game under the "two-carbon" goal [J]. Electrical Measurement and Instrumentation, 2022, 59(4):8.
- [9] Nie Shuai, Cai Guotian, Gao Liping. 3E evaluation method of park energy system based on game theory-cloud model [J]. Progress in New Energy, 2022, 10(2):9.
- [10] Chen Xi, Wang Lu. The U.S. Biden Administration's Foreign Aid Policy Turn and Response: An Empirical Study

Based on Historical Data [J]. International Economic Cooperation, 2022(2):16.

- [11] Ma Li, Kang Yongzheng, Liao Qiyun. Organizational behavior choice of new generation employees from the perspective of psychological contract: A systematic analysis based on evolutionary game model [J]. Journal of Systems Science, 2021, 29(3):7.
- [12] Bao Yurong, Ying Liping, Tang Sisi, et al. The relationship between medical care and medical insurance system and optimization suggestions from the perspective of system theory, game theory and synergy theory [J]. Chinese Journal of Hospital Management, 2021, 37(8): 4.
- [13] Wang Ying, Li Dengfeng. Equilibrium Analysis of Climate Change Game [J]. Systems Engineering Theory and Practice, 2021, 41(12):3178-3198.
- [14] Dong Yuhan, Cong Haibin, Zou Deling. Research on the main behavior of sustainable development of characteristic towns based on tripartite game [J]. Science and Technology and Management, 2021, 23(6):10.
- [15] Li Zhaoqing. Fractal and Chaos Control of a Class of Economic Competitive Systems [D]. Shandong University, 2019.
- [16] Qu Xinchu, Hou Guisheng, Sun Xiangyan. Evolutionary Game Analysis of Enterprise Green Innovation Ecosystem under Government Regulation—Based on the Perspective of Differentiation of Initial Will [J]. Systems Engineering, 2019, 37(6):12.
- [17] Wang Yue, Chen Hongzhan. Optimal pricing decision-making game and chaos analysis for the main manufacturer-supplier collaboration [J]. Journal of Dynamics and Control, 2018, 16(5):7.
- [18] Lin Yaning. Research on Pareto Optimality in Cooperative Games [D]. Shandong University of Science and Technology, 2018.
- [19] Raymond. WTO members discuss the development direction of the multilateral trading system [J]. WTO Economic Tribune, 2018, No.172(02):61.
- [20] Chai Xiaolin. In-depth participation in the multilateral trading system to promote the construction of an open economic system [J]. China Economic and Trade, 2013(7):2.
- [21] Li Yang. The Game Mechanism of the Multilateral Trading System [J]. International Economic and Trade Exploration, 2008, 24(5):5.
- [22] Chen Taifeng. Game Theory of the World Trade System [D]. University of International Business and Economics.
- [23] Liu Guangxi. Win-win Game Theory [D]. Fudan University, 2007.
- [24] Fan Yongming, He Ping. China is an active builder of the multilateral trading system [J]. Fudan Journal (Social Science Edition), 2006(6):25-35.
- [25] Wang Can. The game between regional economic integration and multilateral trading system [J]. Legal System and Society: Xun Journal, 2009.