but there is no clear chronology. At the same time, this study broadens the direction of follow-up researchers by deconstructing the emotional changes of pottery craftsmen.

**LINKAGE AND SPILLOVER EFFECTS OF CHINA’S CARBON MARKET AND STOCK MARKET UNDER THE BACKGROUND OF CARBON NEUTRALITY: AN ANALYSIS BASED ON INVESTOR SENTIMENT REGULATION**

*Huibo Qi;* Chang Liu,*; Fei Long;* Xiaowei Gao;* Leifang Hu;* Qitao Wu*

1 College of Economics and Management, Zhejiang Agricultural & Forestry University, Hangzhou 311300, China. 2 College of Economics and Management, Zhejiang Province Key Cultivating Think Tank——Research Academy for Rural Revitalization of Zhejiang Province, Zhejiang Agricultural & Forestry University, Hangzhou 311300, China. 3 Dept. of Economics and Management, Qianjiang College of Hangzhou Normal University, Hangzhou 310018, China. 4 College of Humanities, Commerce and Economics, Silla University, Busan 46958, Korea

**Background:** In September 2020, China put forward the goal of carbon neutrality by 2060, which is of great and far-reaching significance for coping with climate change, achieving sustainable development and promoting the transformation of energy structure. In this context, the carbon market has become an important policy tool to realize China's vision of carbon neutralization. As can be seen from the stock market, the carbon neutralization industrial chain is evolving, and green and low-carbon has become the main investment trend. Therefore, in the context of carbon neutral neutrality, whether there is a connection between China's carbon market and stock market, whether there is spillover effect between them, and what will be based on investors' emotional behavior are the main problems to be solved in this study.

**Subjects and Methods:** This paper takes China’s carbon market, carbon neutralization concept stock market and thermal power stock market as the main research objects; This paper uses the price index and VaR BEKK GARCH model from January 1, 2019 to December 31, 2020 to study the interaction and spillover effect between the above markets. It also reveals the reasons from the perspective of investment psychology. In order to better study the changes of investors' emotional perception and behavior, this study uses the self rating Depression Scale (SDS) system William W K. Zung compiled the self rating scale in 1965 to measure the severity of depression and its changes in treatment. In 1972, Zung added the corresponding examiner's book and changed the self-evaluation to other evaluation, which is called Depression Status Inventory (DSI). The assessment time span is the latest week. Content: SDS and DSI are composed of 20 declarative sentences and corresponding question entries respectively. Each item is equivalent to a relevant symptom, which is scored on a scale of 1-4. 20 items reflect depression, and four groups of specific symptoms: 1 Psychotic affective symptoms; 2 Somatic disorders, including eight items: daytime differences in mood, sleep disorders, anorexia, decreased libido, weight loss, constipation, tachycardia and fatigue; 3 Psychomotor disorders, including psychomotor retardation and agitation; 4 Psychological disorders of depression include eight items: confusion of thinking, hopelessness, irritability, indecision, self depreciation, emptiness, repeated thinking, suicide and dissatisfaction. From the scoring method: each item is scored according to four levels: 1, 2, 3 and 4. Ask the subject to read each statement carefully, or the examiner to ask questions one by one, and circle 1 (from none or occasionally), or 2 (sometimes), or 3 (often), or 4 (always) according to the time and frequency most suitable for the subject's situation. Among the 20 items, 10 items (items 2, 5, 6, 11, 12, 14, 16, 17, 18 and 20) are stated with positive words, which are scored in reverse order, and the remaining 10 items are stated with negative words, which are scored in the order of 1-4 above. The depression severity index assessed by SDS and DSI is calculated according to the following formula: depression severity index - cumulative score of each item / 80 (maximum total score). The index range is 0.25-1.0. The higher the index, the heavier the degree of depression.

**Results:** 2019 coronavirus disease has a significant impact on the relationship between carbon market and stock market. (1) Affected by 2019 coronavirus disease, CTI first affects cni300 and then TPI; Investors' expectations of earnings are distorted by the extension of the current trend. (2) The two-way average spillover effect between TPI and Guoxin 300 in 2019 has become the one-way average spillover effect in 2020. Investors' psychological bias and thinking shortcuts make them choose to invest in familiar fields. These areas cannot spread investment risks, but will damage their long-term wealth. (3) The amplitudes of cni300 and TPI will change dramatically with historical fluctuations, which confirms that most people's judgment on the profit and loss mentioned in the prospect theory is usually determined according to the reference point. The results showed that impulsive investment was negatively correlated with economic support ability (P < 0.01), and its internal consistency was satisfactory: odd and even items split half correlation: 0.73 (1973) and 0.92. There was a high and moderate correlation between the scores of “d” subscale of MMPI. Zung et al. Also compared the scores of SDS and dis with CG1 score and proposed that those with SDS and dis score index below 0.5 were non depressed; 0.50-0.59 is mild to mild depression; 0.60-0.69 is moderate to severe depression; more than 0.70 is severe depression.

**Conclusion:** This shows the confidence of Chinese investors in the national sustainable development initiative. Carbon market performance has become an important reference for investing in carbon neutral concept stocks. Therefore, the government should constantly promote the innovation of carbon trading system while stabilizing the expected return on green and low-carbon investment. In addition, the government should take multiple measures to send sufficient and accurate signals on specific measures to promote carbon neutralization, eliminate unreasonable investment to the greatest extent, and guide the industrial layout through the capital market.

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**CURRENT SITUATION, INFLUENCING FACTORS AND PATH OF SOCIAL RESPONSIBILITY OF PROFESSIONAL SPORTS CLUBS BASED ON CONSUMER EMOTION REGULATION**

*Zebo Qiao;* Zijian Guo;* Lingtao Wen*1

1 The Sports Department of Guangdong University of Finance and Economics, Guangzhou 510320, China 2 Sports Department of Guangzhou Huashang College, Guangzhou 510320, China

**Background:** With the rapid development of the sports industry and the increasingly mature market environment, many sports organizations in Europe and the United States have gradually realized the importance of social responsibility. They often use holidays to carry out social responsibility activities and improve...
the brand image by performing social responsibility. China's sports industry has developed rapidly in recent years, but professional sports still need to learn from European and American countries in fulfilling their social responsibilities. At present, the contradiction between the growing spiritual and cultural needs of the people and the insufficient and unbalanced supply is becoming increasingly prominent. Professional sports is an important industry to meet people's spiritual and cultural needs. Professional sports clubs are responsible for training excellent athletes for the country, seeking economic benefits for the club, providing public services for cities and communities, disseminating urban sports culture, promoting sports development, protecting the environment, engaging in philanthropy and other important responsibilities. They are the core of professional sports. Whether professional sports clubs can actively fulfill their corporate social responsibility will have an important impact on the development of professional sports. Therefore, it is of great significance to understand the current situation of social responsibility of professional sports clubs and the influencing factors of consumers' emotion, and to explore the ways for professional sports clubs to fulfill their social responsibility.

Research Objects and Methods: Taking CBA club as the research object, this study investigates the implementation status and influencing factors of CBA club's social responsibility from the perspective of the psychological perception of sports experts and spectators by using the combination of quantitative questionnaire survey and qualitative content analysis. In order to improve the impact of sports club rules on consumers' emotion, this study first revised the emotion questionnaire compiled by Dong Yan and Yu Guoliang (2007) according to the basic characteristics of the environment, and then measured the subjects' emotion with the revised scale. Among them, positive emotion (30 items in total) includes two dimensions: positive high arousal emotion and positive low arousal emotion, and negative emotion (42 items in total) includes two dimensions: negative high arousal emotion and negative low arousal emotion. The questionnaire adopts Likert's 5-level continuous evaluation. “1” means “completely unqualified” and “5” means “fully qualified”. Statistics show that the internal consistency reliability of the two subscales of positive emotion and negative emotion is 0.5% 75 ~ 0. Four factor validity: 245 21.x2 / df = 1. 96, CF1 = 0. 94, TLI = 0. 91, RMSEA = 0. 050, SRMR = 0. 067.

Results: The survey results show that sports experts and ordinary audiences are not satisfied with the current implementation of corporate social responsibility in CBA clubs. It is generally believed that the lack of corporate social responsibility in CBA clubs is serious. Sports experts believe that the most important factors affecting the performance of social responsibility by CBA clubs are unclear property rights, vague relationship between responsibilities and rights in the business process, lack of perfect social responsibility supervision and evaluation mechanism, while ordinary audiences believe that there is a lack of perfect corporate social responsibility supervision and evaluation mechanism, backward system and imperfect relevant laws and regulations. The results showed that the effect of interpersonal emotion regulation on implicit positive emotion decreased with the increase of regulation difficulty level; And expression inhibition is the mediating variable of regulatory effect, which has some mediating effect. With the enhancement of expression inhibition, the mediating effect has an increasing trend. Because interpersonal interaction can more activate psychological processing processes such as empathy, viewpoint selection and attention conversion, it will help interpersonal emotion regulation to positively predict implicit positive emotions at the level of automatic processing. The result of the negative regulation effect of regulation difficulty is consistent with the theoretical viewpoint proposed by the dual resource model of interpersonal emotional interaction. The dual resource model holds that the emotional regulation of interpersonal interaction is based on the resources of two nervous systems. Self regulated public resources can realize top-down cognitive control, and the work of this system needs to be realized at the level of consciousness.

Conclusion: This paper puts forward the ways to promote the implementation of social responsibility of professional sports clubs: clarify the legal subject status of professional sports clubs, legalize the social responsibility connotation of professional sports clubs, comprehensively build the social responsibility awareness of professional sports clubs and stakeholders, strengthen the social responsibility consciousness of professional sports clubs, and establish a scientific social responsibility evaluation system of professional sports clubs. Improve the social responsibility supervision system of professional sports clubs.

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TEACHING AND PRACTICE OF DESIGN THINKING COURSE BASED ON THE CHANGE OF ENGINEERING STUDENTS' EMOTIONAL BEHAVIOR

Chunli Liu1, 2; Junfeng Li1, 2; S. BalaMurugan3
1 School of Mechatronics and Vehicle Engineering, Weifang University, Weifang 261001, China 2 Shandong Industrial Design Center, Weifang 261001, China 3 Research and Development, iRCS, Coimbatore, India

Background: Industrial design is an interdisciplinary subject with the organic combination of engineering and art. In order to systematically construct the curriculum system of design thinking in line with the psychological cognition of engineering students, we can better cultivate students' innovative consciousness and ability. Through the innovation of thinking consciousness, promote the change of emotional behavior.

Subjects and Methods: Put forward the idea of “5432” curriculum reform based on online and offline mixed teaching - 5 teaching objectives, 4 teaching levels, 3 teaching contents and 2 practical projects - reform the traditional teaching objective setting mode with knowledge objectives, ability objectives and ideological and political objectives as the basic classification mode, and refine it into five objectives: change the way of thinking and cultivate learning interest; Master the micro cycle and macro cycle of design thinking, and implement the complete design process; Use design thinking tools to generate new design concepts and comprehensively analyze user needs; Improve the ability of language expression and product publicity; Train students to become designers with family and national feelings, and use Chinese design language to design solutions with Chinese characteristics. Then, it can be summarized into four progressive teaching levels, that is, speaking theory well, connecting with the real world, teaching thinking methods and transmitting correct values. According to the teaching level, design the teaching content in line with the psychological cognition of engineering students: the process, methods and tools of design thinking; Design consciousness based on situational thinking, as well as the method and practice of design thinking. Finally, according to the teaching objectives, teaching levels and contents, formulate practical projects in line with the psychological cognition of engineering students, and apply the theoretical knowledge to practice; In addition to reforming the traditional teaching forms, we should also change the traditional examination based examination methods,