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Background: There are several studies that focus on agency costs of family businesses based on psychological ownership and feelings of possession. By the definition from Pierce et al. in 2001, psychological ownership is a state in which individuals feel as though the target of ownership is theirs. Strong experience of psychological ownership leads persons to become more emotionally engaged in the activities. The evidences show that feelings of possession play an important and central role in business firms. Psychological ownership of the firm is more closely related to its business strategy. However, persons may also exhibit anxiety over the potential loss of personal ownership, which may lead to withdrawal from collaboration and communication. Therefore, this study investigates how the anxiety from psychological ownership and feelings of possession to affect the hedging derivatives strategy in family businesses.

Subjects and Methods: The samples in this study are from 9,631 listed companies in the Taiwan Stock Exchange (TWSE) and Taiwan Economic Journal (TEJ) from 2009 to 2019. The study uses data on the derivative usage and corporate characteristics to explore the influence of family business on the hedging derivatives using based on psychological ownership theory and feelings of possession. The empirical method in this study uses a logistic regression to explore the probability that a family business uses derivatives for hedging.

Results: The study finds that family businesses are unlikely to use derivatives for hedging and supports the agency theory. The empirical result finds that when a firm is controlled by a family, the probability of the firm using derivatives to hedge is reduced by approximately 7.62%. This result shows that the anxiety from psychological ownership and feelings of possession reduce the using of hedging derivatives in family businesses. This result is consistent with the findings from previous studies. The previous studies failed to demonstrate an incremental value of psychological ownership to firm's performance. The robustness also confirms this result. The study also reveals a statistically significant positive correlation between corporate age and the use of derivatives for hedging.

Conclusions: The study emphasizes the value of corporate governance. Due to the anxiety from psychological ownership and feelings of possession, the study finds that even family businesses cannot be sure that controlling shareholders will use derivatives to hedge in the firm's interest. Rather, firms with better corporate governance are likely to use derivatives for hedging and protect the firm's interest. Thus, the family businesses can protect shareholders' interests and reduce the impact from the anxiety from psychological ownership and feelings of possession by improving corporate governance.

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THE CURRICULUM REFORM OF DETAIL DESIGN OF BUILDING DECORATION IN HIGH VOCATIONAL EDUCATION AND ITS INFLUENCE ON RELIEVING STUDENTS' ANXIETY

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Background: Psychology involves perception, cognition, emotion, thinking, personality, behavior habits, interpersonal relationship, social relationship, etc. Educational psychology is a branch of psychology, a discipline formed by combining pedagogy and psychology, which can point out the direction for the development of education. In the class of the curriculum detail design of building decoration in higher vocational colleges, it is necessary for college teachers to understand the developmental laws of educational psychology, apply pedagogy and psychological knowledge scientifically, improve teaching targets, reduce the students' academic anxiety and satisfy their psychological needs with high-quality education.

Subjects and Methods: Educational psychology is in a state of continuous development and change. For college teachers, it is necessary to actively study educational psychology and apply the new theories of educational psychology into their own knowledge system in time, so as to improve college students' mental health more effectively. In the process of higher vocational education, as college students are the main body of teaching and the center of the classroom, students' mental health has great influence on the education tasks, therefore college teachers have to pay more attention to students' mental status in order to optimize the teaching process and achieve better teaching effects by using educational psychology rationally. This article researches the impact educational psychology has on the high vocational education by studying college students' mental status and surveying college students' level of happiness, and summarizes the curriculum reform of detail design of building decoration in higher vocational education based on the healthy perspective of educational psychology.

Results: This article summarizes the role of educational psychology in teaching and learning for both teachers and students, besides, points out that as college students' mental health is very important for the higher vocational education system, the role of educational psychology in classroom organization should be played with more attention because it can reduce students' anxiety and improve students' level of happiness greatly. By applying the educational psychology into the higher vocational curriculum, detail design of building decoration, teachers can help students to improve their learning efficiency and cultivate a correct worldview and value with better personality.

Conclusions: Nowadays the whole education system of higher vocational education in China should be built on the basis of educational psychology with healthy perspective, since combining educational psychology can be very important to the higher vocational education since it is very helpful to improve students' mental health and shape correct personalities. Building a perfect classroom organization system relying on educational psychology can ensure the effectiveness of classroom teaching. Therefore, it is necessary for teachers to regard students as the center of the application of educational psychology, apply the knowledge and theories of educational psychology to guide students to achieve more healthy mentality and a campus life with higher happiness level, make sure that students' psychological needs are satisfied and encourage students to improve and develop themselves more effective.

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EXPLORATION ON THE IMPLEMENTATION OF ARCHITECTURAL DRAWING CURRICULUM FROM THE PERSPECTIVE OF RELIEVING STUDENTS' PSYCHOLOGICAL ANXIETY

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Background: In the process of vigorous development construction industry in China, it is very important to quickly cultivate the mental health and positive attitude talents for the steady development of the industry. At the same time, with the development of science and technology, the demand for professional talents has also changed from quantity to quality, thus put forward higher requirements on teaching efficiency. Besides, with the fast development of contemporary science, especially the further development of cognitive psychology, strong scientific support has been provided for the college curriculum reform. Therefore, the curriculum design based on educational psychology and inspiring students' positive attitude is bound to have a huge impact on the improvement of teaching efficiency.

Subjects and Methods: This article, based on the theories of educational psychology and the student-centered teaching system, takes the cultivation of students' active learning mentality as the main line, explores the possibilities to reform the teaching methods in college from the perspective of psychology, deeply discusses the implementation of architectural drawing curriculum from the perspective of educational psychology combining with the OBE concept, and advocates the student-oriented teaching concept for professional core curriculum. This article summarizes the related theories of educational psychology by deeply collecting and studying related professional documents and works, and analyzes the current teaching situation of curriculum architectural drawing by investigating both college teachers and students from the school of architecture in college.

Results: The study of teaching reform in this article clearly embodies the characteristics of broad international vision and solid local action, and specifically discusses the critical thinking that contemporary teaching psychology provides for the reform of curriculum architectural drawing, and provides guides to the orderly reform of the architectural drawing curriculum in order to achieve the teaching target of cultivating comprehensive and professional talents, and a self-renewable architectural drawing teaching system.

Conclusions: By analyzing the combination of educational psychological theories and architectural drawing teaching reform, it is concluded that the theories from educational psychology can have important guiding significance for promoting not only the reform of curriculum architectural drawing, but also the college education and teaching system nowadays, and undoubtedly have a high reference value for the reform of architectural drawing teaching.

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STUDY ON THE SYSTEM DYNAMICS OF COVID-19 PSYCHOLOGICAL PANIC SPREAD MECHANISM BASED ON URBAN TRAFFIC DATA

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Objectives: To control the spread of COVID-19 panic, many countries have implemented a series of social distancing control policies. The research results show that strict social distancing control is one of the most effective epidemic prevention and control measures, but long-term strict city and country lockdown measures will lead to economic recession, social instability and other problems. The long-term nature of COVID-19 determines how to control the epidemic to a minimum and maximize the national economic and social stability, which is one of the most important issues in the prevention and treatment of COVID-19 panic.

Methods: Based on the urban travel volume data, the travel rate of the crowd can be obtained. Then the article established the COVID-19 panic spread dynamics model to study the quantitative relationship between the urban travel rate and COVID-19 panic spread. According to the molecular motility theory, people have a certain probability of coming