

communication channel of smart phone. This trend is of great significance to the development and inheritance of Chinese traditional culture. Based on this research background, this paper will analyze the characteristics, design rules and shortcomings of the traditional cultural digital display app at the intelligent mobile terminal, summarize the design and technical points in the application research and development of this type of app, and put forward some design rules and methodology.

**Subjects and methods:** Smart phones have become an excellent platform for digital content display with huge user groups and increasingly enhanced functions. Digital content is also closer to people's daily life through the media of smart phones. Therefore, it is of great significance to publicize and promote excellent Chinese traditional cultural content with the help of smart phone. This paper will study the digital display characteristics of intelligent mobile devices in traditional cultural themes, and explore the design methods in this field.

**Study design:** Design psychology is based on psychology to study people's psychological needs and trends. An important content of its design heart is consumer psychology, which mainly studies the factors that affect consumers' decisions when buying and using. In the 1980s and 1990s, designers mainly investigated consumers' preferences by means of communication, such as gradually updating the design of goods to satisfy consumers through consumer feedback. At first, consumers only have physiological needs for products. With the development of science and technology, psychological needs have gradually become an important trend of product design.

**Methods of statistical analysis:** Product type analysis. (1) The app "Yinzen beauty map" launched by the Palace Museum in 2013 is representative. The painting of Yinzen beauty is a collection of 12 pieces in Beijing's Palace Museum. (2) App "auspicious Forbidden City" was released in 2014. The main interface of this app is designed as an interactive scroll. (3) The core function of app "mortise and tenon" is to use interactive three-dimensional models to show the mortise and tenon structure in ancient furniture. (4) The app "Han Xizai's banquet picture" completely shows this work of the same name. (5) The interactive design of app "divination stone" includes graphics, music and voice, combined with the interactive display of three-dimensional scenes and props, and introduces the popular science knowledge of jade from many aspects. This product is outstanding in three-dimensional scene design and visual presentation effect of material animation, and runs smoothly on smart phones.

**Results:** Combined with the author's analysis, research and design practice, the design laws and methods of digital display of traditional cultural theme of intelligent mobile terminal can be summarized as follows: First, the core of type products is content display. Second, make full use of dynamic materials such as motion graphics, animation and images to match the interactive operation of products, so as to enrich the interest and vividness of digital display. Third, pay attention to the use of layered visual materials to create a stronger visual impact, pay attention to the close combination of three-dimensional technology and display content, and give full play to the advantages of digital display. Fourth, pay attention to the construction of substitution interaction and strengthen the all-round sensory experience of touch, vision and hearing.

**Conclusions:** In product design, design psychology plays an important role: Firstly, design psychology uses traditional psychological research to provide effective help for structure, material, technology and economy in product function design. Secondly, design psychology provides a reference that meets the psychological and physiological needs for product modeling design, so that the product can have a certain impact on consumers. Finally, the application of design psychology in product color design can attract consumers and meet the psychological needs of consumers to a greater extent, which can further improve the work efficiency and quality of life of the general public.

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## INVESTIGATION AND PREVENTIVE STUDY ON ANXIETY DISORDER OF POSTGRADUATES UNDER EMPLOYMENT PRESSURE

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**Background:** With the continuous development of economy, social competition is increasing. In order to increase their employment competitive advantage, postgraduate entrance examination has become a choice for college students to improve their self-worth. In the fast-paced era, because there is not enough

time to adapt to social changes, graduate students begin to be impatient under the dual pressure of study and employment. I feel anxious about how to get high scores on exploratory topics, about the unsatisfactory employment prospects, and at a loss about the uncertainty of the future. Under the effect of multiple anxiety, the pressure of graduate students increases sharply. If the school does not intervene in time, it will have very serious consequences. In addition to the real external pressure, the reason for graduate students' psychological anxiety is that graduate students' own psychological quality is not qualified. Lack of awareness of their negative emotions or emotional fluctuations will also lead to graduate students' irritability or depression; or you can be aware of your emotions, but you can't control your emotions well. In view of this situation, graduate students can divert their attention through other things, such as talking to friends or family, expressing their troubles to their tutors, and alleviating anxiety symptoms with the help of others. At present, anxiety disorder is very obvious in graduate students who are about to graduate. With the approaching of graduation time, their pressure will be greater and greater. In view of the anxiety of graduate students under employment pressure, certain preventive measures must be taken to reduce the probability of graduate students' anxiety disorder.

**Objective:** To establish a public elective course of mental health and guide the psychological status of postgraduates. Under the tutor's mental health training, we should pay more attention to the changes of Postgraduates' psychological status, so that postgraduates' anxiety disorder can be intervened in time. In addition, expand the main body of psychological education, involve professional teachers, parents and friends, help graduate students get out of anxiety from multiple aspects, and let graduate students realize that anxiety can be alleviated and cured, so as to correct their mentality, so as to better control their emotions.

**Research objects and methods:** The research objects were graduate students. 580 graduate students of different grades and majors were randomly selected from 14 universities by stratified cluster random sampling. A total of 580 questionnaires were distributed. The effective questionnaires and effective rates were 546 and 94.14% respectively. The self-rating Anxiety Scale (SAS) compiled by Zung is used. The scale contains 20 items. The number of positive and negative scores are 20 and 5 respectively. The standard score is the sum of the scores of each item multiplied by 1.25. 50 points is the boundary value. Scores above 50-59, 60-69 and 70 indicate mild anxiety, moderate anxiety and severe anxiety respectively. The data collected from the questionnaire were statistically processed by SPSS software to analyze the anxiety of graduate students after taking intervention measures.

**Results:** The relevant data were statistically analyzed by SPSS software. The anxiety scores of graduate students in different grades are shown in Table 1.

**Table 1.** Anxiety scores of graduate students in different grades

Major	Academic anxiety	Social anxiety	Employment Anxiety
First year graduated school student	43	45	51
Second year graduated school student	48	43	53
Third year graduated school student	50	41	56

In Table 1, among the three anxiety scores of academic anxiety, social anxiety and Employment anxiety, the students of grade 1, grade 2 and grade 3 have the highest score of Employment anxiety. In particular, the students of grade 3 have a score of 56, which belongs to mild anxiety. This degree of anxiety will not have a great impact on graduate students, but will promote them to maintain a positive state to face graduation. Among the other two kinds of anxiety, the score of social anxiety is relatively small, indicating that graduate students pay more attention to academic achievement. Among them, the academic anxiety score of the third-year students is 50, which just reaches the level of mild anxiety.

**Conclusion:** By establishing public elective courses of mental health and tutor mental health training, we can dredge the anxiety of graduate students in time, which can effectively control the anxiety of graduate students within a certain range, not only do not affect the mental health of graduate students, but also promote graduate students to maintain a positive state.

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## APPLICATION OF BOXPLOT IN EXAMINATION RESULTS BASED ON PSYCHOLOGICAL EVALUATION