

# The Application and Development of Virtual Space in Modern Book Design

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**Abstract:** With the continuous development of our society and the continuous improvement of people's quality of life, reading books has been paid more attention. In this process, the concrete scheme of book design has also been discussed a lot. For the modern book design discussed in this article, this work should start from meeting the needs of the reader and show the content of the two aspects of the book, from this point, the specific design of the book is the actual embodiment of the connotation of the book and the reader choose to buy one of the main indicators. Virtual space mainly refers to the book design process in addition to the text, the picture outside the blank part. This article will be part of this content with the design and application of modern books in detail. The first part of this paper first analyzes the functionality embodied in the design of the virtual space. The second part mainly elaborates the concrete manifestation of the virtual space. The last part is based on the content of the virtual space in the modern book design in the use and development of a detailed discussion.

## 1. Introduction

There is a lot of blanks in ancient Chinese art works. This kind of treatment is consistent with the virtual space which is to be introduced to this paper. If we can properly use the void in the books, it is necessary to pass on the information about the books. To achieve better results. In the process of the use of virtual space, how to do virtual space and image, text, the effective combination of color is one of our main consideration. Combined with the status quo, because the development of modern books in China's history is not long, the idea of virtual space also has been widely discussed in recent years, and in the actual application process, if we can not combine the virtual space with the content of books effectively, the use of virtual space is likely to produce a certain degree of reaction. In response to this problem, we must discuss the use and development of virtual space in modern book designs / designed.

## 2. Functional Analysis

First, the use of virtual space in the design of modern books can improve the aesthetic of the book. In the process of reading a book, in addition to the specific text of the book content, the book design has a sense of beauty which will have a certain impact on the reader. If we can focus on the aesthetic process of the book design process, then the reader must be able to read in the process of feeling more pleasure. Combined with the characteristics of the virtual space itself, the appropriate blank can provide readers with more imagination, but also to stimulate the reader to the text content for a deeper level of thinking. On the basis of this theory, it is not difficult to analyze the rational use of virtual space which can improve the aesthetic of the whole book.

Second, the rational application of virtual space can also reflect a certain functionality. First of all, the virtual space with a certain guiding role [1]. For the same book, the contents of the book must exist on the primary and secondary points, you want to make a better distinction between these content, we must do a reasonable use of virtual space in the book design process. When the content of the book is designed to be too compact, the reader in the reading process is likely to appear a certain degree of conflict, thus affects the reading effect. If we can use the virtual space to distinguish between the contents of the book, and adjust the page layout, in order to ensure the readers' interest in the reading process.

### 3. The Expression Form

First of all, we need to space in the color elements of the performance analysis . Color is the most appealing element in visual design. In the process of modern book design, we often use color to distinguish between the contents of the data, which is approach in children's books mostly. Combined with such a concept, color design and virtual space between the design there is a certain degree of unity. As we mentioned above, the book design should be able to show the specific meaning of the book, the choice of color for the virtual space is the same. When the book is mainly for children readers, we can choose some of the more lively and bold colors to add books interesting; for adult readers, we should be a practical combination of book content of virtual space between the color performance design. In this process, in addition to the contents of the book, the group characteristics of the main reader also is one factor we need to considerate.

Secondly, we analyze the performance of the virtual space in the graphic elements. Compared to the content of the text, the graphical content can be more direct expression of the information , so in the process of book design , designers often use some graphics to enhance the persuasive and interesting text . In the process of designing graphic content, we must fully combine the entity elements and the voids to avoid the excessive appearance of the entity elements which leading to the increase in the figure can not achieve its intended goal. To the book " *The Orphan of Zhao* " covers to design, for example, the main elements of the cover for the jade ruyi , and Jade wish to leave the virtual space where is used to display the book name and publishing house information , this approach is not only good to express the book reflects the mood , but also it is a good highlight of the focus in the process of the cover design .

Finally, we introduce the performance of the virtual space in the text elements. Text is the main content of the book, and the text of the book is divided into two categories, one is the main content of the text, the other is the decorative text [2]. Here, we only introduce the performance of the virtual space in the decorative text. Through the different arrangement and combination of words , we can show different mood and emotions , readers also can feel the different emotion and context in the process of reading , the reading and aesthetic functions will be able to be met at the same time .

## 4. The Application and Development

### 4.1 Book Cover Design in the Virtual Space

The specific design of the book cover determines the reader's first impression of the book [3]. In modern book design, we require that the cover of the book should be able to show the main content or thought in the book, highlighting the connotation of the book while highlighting the focus is our main goal. If we want to achieve this effect we must use the virtual space on the book cover design. Through the virtual space between the application, the name of the book or other iconic content will be very good, when readers reading the cover, you can find the content of the first time, which led to the reader's interest in books. With the continuous development of this concept, the virtual space in the book covers the application of the form is also more and more diverse. To book "Chinese memory - five thousand years of civilization treasures, "a book covers to design , this book in addition to the general cover is also attached to the embossed form of the book . Through the analysis of the cover design of this book it is not difficult to find, the designer mainly uses / used the color of the actual situation to highlight the name of the book, at the same time , book and the actual cover of the book contrasts are the embodiment of the traditional Chinese culture .

### 4.2 the Virtual Space in the Title Page Design of the Book

For the virtual space discussed in this article, the book title page is the most white content of the design process. Often, the title page is located behind the book cover, before the catalog and the introduction, the design of the title page in the modern book design mainly plays a buffer role, and the specific design method will affect the overall style of the book. In the process of the development of modern book design, the virtual space in the book title page design is no longer a

simple blank page, the designer usually convey certain information through simple symbols or graphics. To the book "one by one "title pages to design , for example , the designer through the calligraphy form of the title , author information and other content of the title paged marked . Through this design, the reader in the reading process not only can quickly get the basic information about the book, but also can feel the overall nostalgic tone of the book through this design.

#### 4.3 the Virtual Space in the Design of the Book Text

As mentioned above, the application of the virtual space in the book text will have a direct impact on the type set of the books. Appropriate distinction between the primary and secondary contents of the books through the virtual space can provide a better reading experience for the readers. Obviously, the text density is too large or the types of unscientific books are difficult to evoke the reader's interest. In the process of designing the text of the book , the designer avoids the influence of the full version of the text on the reader's reading experience of proper text spacing and line spacing, and through the rich illustrations the text content to do a distinction. Through this form of the use of virtual space, on the one hand, the reader can get a better reading experience, on the other hand, this type of design is also more bright.

### 5. Conclusion:

In summary, this paper introduces the role of virtual space in modern book design and the concrete manifestation of virtual space. Through the application of virtual space in book cover, book title page, book text content and the development of the essay were analyzed. On the basis of the contents of this article, we should consider the contents of the book and the main characteristics of the reader group sufficiently in the process of design of the book.

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