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# Exploring the Application of Computer Technology in Editing and Publishing Work

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**Abstract:** With the continuous development of science and technology, Internet information technology with computer technology as the core has penetrated into thousands of households, profoundly affecting the work and life of each of us. For the editing and publishing industry, the advantages of computer technology in efficiency, convenience and accuracy can greatly improve its work efficiency and work quality. This article makes the following analysis on the application of computer technology in editing and publishing work. If there are any shortcomings, readers are also invited to criticize and correct them.

**Keywords:** computer technology; Editing and publishing work; application

## 1. Beneficial for improving the efficiency of editing and publishing work

1) Save time on manual editing, typesetting, and proofreading. Traditional editing, typesetting, and proofreading work are all manually completed, and the large amount of text processing work greatly reduces the efficiency of editing, typesetting, and proofreading, resulting in a decrease in the overall efficiency of editing and publishing work. The characteristics of computer technology are efficiency and convenience, which will greatly save text processing time when applied to editing and publishing work, thereby improving the efficiency of editing and publishing work.

2) Save time on manual operation of book making equipment. Under human operation, the efficiency of book making equipment will be very low, and under a given workload, the book making time will be greatly extended. In the information age, the application of computer technology will change this situation. Through the powerful data calculation function of computers, the operating speed of book making equipment can be improved without human operation. Compared with the traditional book making process, the book making process that applies computer technology will greatly reduce the book making time under the same workload.

3) Using data statistics software (such as Excel, databases, etc.) to record and update work progress is simple and efficient: Currently, Microsoft's Excel statistical tables have been updated several times, and data processing speed has greatly improved. Taking EXCEL2013 as an example, many commonly used data statistics methods and functions have achieved one click operation. Similarly, after years of development, databases have greatly improved data storage capacity and storage efficiency. With the combination of the two, it is possible to record and update work progress in real-time, making large-scale text processing work more orderly.

4) Through online tools such as QQ, WeChat, Baidu Cloud Drive, and websites, it is possible to quickly send and receive manuscripts. At present, online solicitation and submission have become a bridge of communication between authors and publishers. Through popular information communication software (QQ, WeChat), network information storage software (Baidu Cloud), and large data exchange platforms (websites), rapid submission and reception of manuscripts can be achieved, which will greatly benefit the future

Author Introduction: Chen Bo, China Science and Technology Publishing and Media Co., Ltd. (Longmen Book Company). Tan Kun, China Science and Technology Publishing and Media Co., Ltd. (Longmen Book Company). To a certain extent, enhance the publishing house's operational

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capabilities.

5) Authors and publishers should exchange opinions in a timely manner to expand information circulation channels. Information exchange can be achieved between the author and the publishing house through online editing. For issues in the manuscript, the publishing house can quickly inform the author through editing. Similarly, the author's feedback on revisions can also be quickly made known to the publishing house through editing. The two parties can exchange opinions in a timely manner, expanding the channels for information circulation.

## **2. Beneficial for curbing academic misconduct**

1) The paper retrieval and plagiarism checking system will effectively prevent malicious plagiarism: Malicious plagiarism is currently the main manifestation of academic misconduct. Therefore, in order to prevent the phenomenon of malicious plagiarism in papers, a large number of powerful paper retrieval and plagiarism checking systems such as CNKI have precise plagiarism checking algorithms and scientific plagiarism checking rules, making paper plagiarism impossible to escape.

2) In the Internet era, published journals can share resources, which will effectively prevent multiple submissions of one manuscript. At present, many paper websites have achieved resource sharing. Papers published on one paper publishing platform will be recorded on other paper publishing platforms. The advantage of doing so is to effectively prevent the phenomenon of multiple submissions, ensuring the authenticity and uniqueness of papers.

3) A vast database of paper information can protect the legitimate copyright of the original author. The paper information database not only contains paper information, but also detailed author information. The original author's published paper journal has legal copyright, effectively preventing malicious plagiarism or unauthorized use. With the help of computer technology, the legitimate copyright of the original author will be protected to the greatest extent possible, which plays an important role in maintaining the intellectual property rights of the original author.

In summary, the application of computer technology is very important for the development of the editing and publishing industry. Considering several aspects such as improving work efficiency, improving work quality, purifying the publishing environment, and optimizing the publishing process, computer technology has become a powerful support that contemporary editing and publishing work must rely on. The various computer technology applications mentioned above are only my superficial views, and more application methods still need to be continuously explored and discovered.