

**Summary of the doctoral dissertation entitled**  
**INFORMATION INFRASTRUCTURE MANAGEMENT IN THE**  
**LIBRARY OF A MILITARY UNIVERSITY**

**by Anita Kuźnik, Ma**

**Promoter:** Stanisław Stanek, DSc., Eng., Assoc. Prof.

**Auxiliary promoter:** Maciej Popławski, PhD

**Key words:** *information infrastructure, information resources, management process, resources management, functions of management, military university libraries*

The dissertation consists of four chapters, introduction, conclusion and appendices.

Chapter I defines the concept of information infrastructure, and gives the criteria for the function and scope of information infrastructure in society. Then it explains the concept and importance of information resources in the context of the research topic undertaken, as well as their management. Subsequently, the importance of information culture as one of the most important elements of information infrastructure in university libraries was emphasized. The last part of that chapter attempts to define the management of the information infrastructure.

In Chapter II, after a theoretical introduction to the methodology of scientific research, a general classification of research methods in management sciences was made. Later in this chapter, the research methods used in management sciences and library science were characterized in detail in the context of the author's own research. The last part of that chapter presents in detail the research process of the doctoral dissertation divided into: the outline of research conducted so far in the research area, thesis and its justification in the context of the needs of modern organizations, technological progress and society development, detailed research methodology used in the work – the research problem was formulated and placed in theory, the purpose of the work was determined, research hypotheses were formulated, the scope and time scope of the research was determined, the sources of the research material were characterized, the choice of research methods was selected and justified, and the final result and a detailed plan of the research were given.

Chapter III presents the functioning of selected libraries of military universities – The Library of the War Studies University, The Jarosław Dąbrowski Main Library of the Military University of Technology, The Lech Kaczyński Main Library of the Polish Naval Academy of the Heroes of Westerplatte, The Main Library of the Aviation Military Academy, The Library of the Gen. T. Kościuszko Military University of Land Forces as well as United States Military Academy Library (USMA), which culminated in a comparative analysis of the functioning of selected libraries in the light of the observation results and the direct interview conducted by the author.

In the last part of the dissertation, in chapter IV an index analysis of selected libraries of military universities was carried out in terms of information infrastructure management based on selected functionality indicators developed by the Project Analysis of the Functioning of Scientific Libraries in Poland (AFBN). The author synthesized the data and then processed them in order to identify factors that positively and negatively affect the information infrastructure of the studied libraries. Then, an attempt was made to assess the impact of activities undertaken in the field of information infrastructure on the implementation of the management function in the analysed libraries based on the results of the previous analysis, which was preceded by the adoption of specific definitions of the management function. On the basis of the factors that determined the ranking of libraries, it was indicated what their influence was on the performance of individual management functions in individual libraries. Based on the conclusions from the analysis, further directions of activities were proposed for each of the analysed libraries to improve the management of their information infrastructure. The culmination of the chapter IV was to design a diagram of the information infrastructure management process, taking into account the factors that, in the light of the conducted research, had the greatest impact on the implementation of its individual functions in the form of a diagram. In addition to the factors that were subject to the detailed analysis, the author also added other, equally important ones, which she indicated on the basis of her own experience, gained during many years of work in the library of a military university. The culmination of the work was a summary of the thesis, research problem, purpose of the work and research hypotheses.

*Ania Kurnik*  
.....  
(author's signature)