

Summary.

The doctoral dissertation entitled "*Pulsars*" – *Structural and Textural Vibration on the Example of My Ceramic Objects* focuses on the principal scientific and artistic issues that were addressed and illustrated in the doctoral project. Demonstrating the main problems was made possible through numerous studies and experiments encompassing scientific, artistic, compositional, and technological aspects. Each of the formulated core issues required the author to engage in a broad spectrum of activities, which is reflected in the empirical nature of the study. Empirical knowledge is acquired through actual research and experimentation as well as their analysis. Such a process was carried out for the purposes of the presented dissertation, providing specific knowledge and skills in the field of ceramic technology, composition, and issues related to structurality, texturality, and vibrational qualities achieved in ceramic material.

For the purpose of achieving the objectives of the dissertation and verifying the formulated scientific and artistic issues, the content was divided into four chapters. Individual subchapters are usually preceded by a brief introduction and concluded with a concise yet specific summary. Each chapter constitutes a separate, coherent whole, while remaining closely connected to the issues discussed in the other chapters.

The first chapter introduces the selected subject matter, identifies the principal scientific and artistic problems, and emphasizes the sources of inspiration that influenced the character of the objects. This section also outlines the chosen directions of research and artistic activity.

The second chapter focuses on explaining the basic concepts related to the topic of the dissertation as well as key issues concerning ceramic technology. These concepts appear frequently at various stages of describing the creative process, analyzing research on ceramic material,

and examining the final ceramic objects.

The third chapter consists of four subchapters, all related to information concerning the description of the creative process, an introduction to analysis and the analysis of the presented ceramic objects, as well as a summary of the results of the conducted research and experiments. The entire fourth chapter presents the individual directions and stages of research undertaken during the experimental phase, providing knowledge in the field of ceramic technology and its influence on the nature of artistic and scientific activity. At this stage, a thorough analysis of all ceramic objects is also presented, along with a summary of the realized and illustrated core issues.

The fourth chapter is devoted to the presentation of the entire set of objects in the form of an exhibition. By presenting all the works together, it was possible to demonstrate the combined impact of all objects on the selected space and the viewer. A trial presentation of all objects was arranged at the Academic Gallery Rogatka in Radom.

The dissertation also includes required elements that ensure formal and substantive compliance and confirm the scope of research in the areas of literature, exhibition catalogues, as well as articles and online portals. These elements include the bibliography and a list of all reproductions included in the study. The work also includes the author's biography, covering his artistic and teaching activities.

A handwritten signature in blue ink, reading "Artur Lipiński". The signature is written in a cursive style with a long horizontal line extending to the right.