

Abstract:

This master's thesis focuses on illustrative axonometric projections and representations of elementary solid figures and other objects in these projections. The first chapter is an introduction to projections and the implementation of axonometry, including its analytical expression. The second, third and fourth chapters, which form the core of the thesis, are devoted to the representation of elementary solid figures and proper components in axonometric projections. An important part of the work are the appendices containing projections of all objects in sizes corresponding to the specifications. The thesis aims to present an overview of illustrative projection methods applicable in practice and to show the advantages and disadvantages of each projection.