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REALIZATION OF A DESCRIPTIVE GEOMETRY COURSE ON TECHNICAL FACULTIES - SELECTED DIDACTIC ISSUES

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Descriptive geometry course exists in the curricula of many technical universities in Poland. This subject is taught at the Faculty of Civil and Environmental Engineering and Architecture of UTP University of Science and Technology in Bydgoszcz. It seems that in recent years teaching of descriptive geometry has become less efficient and students find it difficult to understand even fundamental issues. This article presents an analysis of the most popular didactic problems, based on pedagogical experience, as well as the results of surveys conducted among the students. The insufficiently developed spatial imagination is particularly alarming. In this paper, attention has been paid to the need of changing the descriptive geometry curriculum and implementing new teaching methods enhancing the imagination.