CONTRIBUTIONS FOR DEVELOPING OF A COMPUTER AIDED LEARNING ENVIRONMENT OF DESCRIPTIVE GEOMETRY

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Keywords: The paper presents the authors' contributions for developing a computer code for teaching of descriptive geometry using the computer aided learning techniques. The program was implemented using the programming interface and the 3D modeling capabilities of the AutoCAD system.

ABSTRACT

The paper presents the authors' contributions for developing a computer code for teaching of descriptive geometry using the computer aided learning techniques. The program was implemented using the programming interface and the 3D modeling capabilities of the AutoCAD system.
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We publish JIDEG biannual. Our publishing schedule includes an issue published in July and another one in December of the same year.

CURRENT ISSUE
This chapter presents a descriptive model of the instructional processes that may be distinguished in computer-based learning environments for teaching elementary computer programming. First, the... Part of the NATO ASI Series book series (NATO ASI F, volume 104). Abstract. This chapter presents a descriptive model of the instructional processes that may be distinguished in computer-based learning environments for teaching elementary computer programming. The scientific development of descriptive geometry was given impetus by the geometric studies of E. S. Fedorov, who proposed a method of representing points in space on a plane by means of vectors. Fedorov's method has been effectively applied to multidimensional descriptive geometry, which is used in physicochemical analysis (N. S. Kurnakov school). These EVEs should have tools that measure student learning and Web3D models as a resource to support learning and to improve spatial visualization skills, formerly acquired in descriptive geometry classes. The advantages of using computer for the descriptive geometry. The cylinder intersections visualization in teaching descriptive geometry. Encyclopedia browser ?