



DESCRIBE CIRCUITS IN COMPUTER GRAPHICS

Mamurov Islom, Jabborov Anvar Egamovich

Tashkent State transport University

Annotation: The importance of modern technology in the sciences of Fine Arts and drawing. Through the science of drawing, the spatial imagination of students increases and its importance in the formation of technical aesthetics (design). Kengaytiradi students' imaginations about drawing, perspective, projection, schemes.

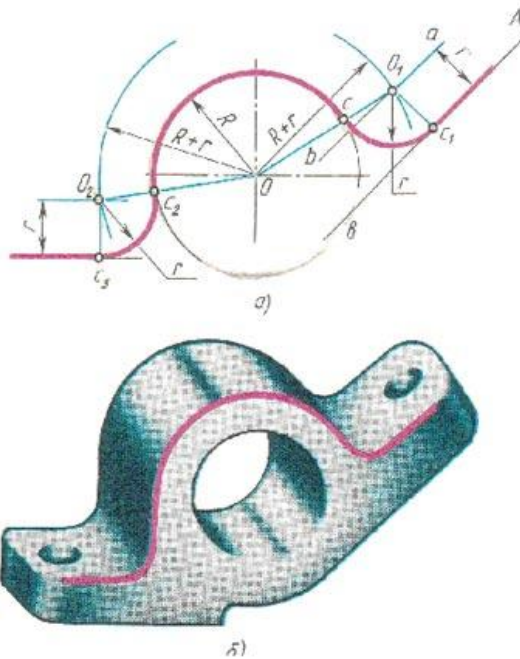
Keywords: perspective, projection, technology, technique, graph geometry, engineering graphics.

The meaning, essence of education in computer graphics. Drawing geometry, engineering graphics. General aspects of drawing. To be able to use and Mark reference literature in the subjects of drawing geometry and engineering graphics. The importance of modern technology in the sciences of Fine Arts and drawing. Through the science of drawing, the spatial imagination of students increases and its importance in the formation of technical aesthetics (design). Kengaytiradi students' imaginations about drawing, perspective, projection, schemes. Writing refers to large tasks in acquaintance with some aspects of the alphabet, formats, slope, circuit.

Drawing geometry and engineering graphics what is in existence is the importance of properties in space thinking, color perception, compositional culture, visualization through visualization, in combination, to be able to see events and events that are taking place, to develop aesthetic and emotional sensitivity, to form drawing skills.

Computer graphics play a key role in the formation of a violent motivation in students and the development of intelligence skills. It is necessary to organize education, provided that the students who are teaching will be able to develop science in the future and realize it on the basis of its application, and not through the importation of the development of the country and the people's consciousness, technique, production. This activity should be specially organized and managed by the teacher in accordance with the individual differences of the students, the specific nature of the issues of education and the assimilation of the instructional material. By organizing this kind of educational process, it will be much more effective to increase students' cognitive activity.

The interest in science is stabilized when the student's activity is raised to the creative level, he / she knows how to focus his / her attention on the study of new material sufficiently, has a thought operation (analysis and synthesis, comparison and comparison, etc.) will be able to carry out independent work, will be able to approach issues creatively. It follows from this that the activity in the study is not only a state of activity of the student, but also the quality of activity, which in the educational - cognitive way, in the achievement of the goal, tries to harness the power of his spiritual will and manifests his attitude to the content of the character of activity in the student's personality.



Such qualities in students arise in the process of being able to respond positively to them, izlash answering questions that motivate them to think actively. Questions that increase reading activity should be short and require specific answers. Such questions can be drawn up on a desired topic of drawing. For example, on the topic "performance of circuits": how to make students work on which of these drawings is an internal circuit, an external circuit, etc. z. after showing the execution of the graph can be done in the AutoCAD program and displaying the tassv yanada yanada further Uy, the concentration of the computer arouses interest in the direction of the graph. Finding the points that connect the two circles is done in AutoCAD through the instrument panel.

On the subject of the circuits: how to find the point of intersection of two straight lines formed by a sharp angle with a known radius arc, and in which 1-a straight line is given the point of intersection of the arc with 2-a straight line? Also, if the circle with a straight line is intersected by a known radius arc, and the point of intersection of the arc with the circle in it is given, how to find the point of intersection of the arc with a straight line? When students search for answers to these questions, they will have to think deeper and more actively than at the moment of answering the first question, along with a good knowledge of the subject. The second part is a bit more complicated so students are looking for answers to the first part of the question in search of an answer to it ganga thinking with relatively more intellektual (rational) activity. In the process, they are among the examples considered on the topic of the circuit.

The importance of independent work in the performance of student cognition is very great. Bunda can be used in various forms of independent work. In the curriculum the graph is a lesson devoted to the operation of independent clocks separated from geometrics and computer graphics can perform many tasks freely. Therefore, the teacher adds the explanation of the new topic with the performance of an independent work that is not so great in terms of volume, which gives it a positive effect. Such independent work: preliminary exercises that prepare the control work; training of the search character, which requires to draw conclusions and generalize; graphic dictator; graphic works of creative character; reference works used in literature, etc. k.

It gives students the opportunity to engage in cognitive activities, give them the opportunity to correctly perform tasks related to the design of simple objects, the execution of design elements, the application of various methods of reconstruction, the restoration (construction) of the image, which are considered tools for the development of creative abilities.

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