

ABSTRACT

The goal of the experiment was to find out what contribution has teaching of geometric composition for mathematic lectures and their attractivity and for free art of the students. In the experiment the students took a lecture on elements of geometric composition. On example of barock paintings they learned how to find elements of geometric composition by mutual conversation. In the second lecture students evaluated barock paintings in perspective of geometric composition on their own. All students found at least some elements of geometric composition. In the next step the students made an art peace on their own in which they were instructed to use the learned elements. In the final lecture the leader of the experiment had interviewed each student. They spoke about the art piece the student had made. The interviews also included the students opinion on knowledge they had acquired and contribution of teaching the elements of geometric composition to attractivity of mathematic lectures at art schools. The results of experiment show that students were able to use the elements of geometric composition in making their own work. Most of the students stated that the teaching of elements of geometric composition was beneficial for their own art and also contribute to attractivity of mathematical lectures.