

SECONDARY EDUCATION GEOMETRY PROGRAM FROM STUDENTS' PERSPECTIVE

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ABSTRACT

The geometry program which was developed by the Board of Education and began to be used in 2009 brought innovations in the geometry course. Its major innovations is the addition of vectors, transformation geometry, rotation in space and drawings of perspectives. In addition, the order of subjects was modified. The goal of the course is to improve the students' ability to prove. It is recommended that teachers should employ the synthetic, vectoral and analytical approaches in geometrical proofs. However, new design of the course has led to many problems. The aim of the study is to reveal the reasons for such problems based on the views of the students. To this end, semi-structured interviews were conducted with twenty senior high school students. The findings indicate that the participants refer to the inconsistency between the current examination system and the geometry program in regard to the problems experienced in the course.

Key Words: Geometry program, educational change, examination system.