

Abstract

This work deals with geometric transformation in a plane in high school mathematics.

The work is a web page, it contains several interactive components which help student to understand the problem like hyperlinks or stepping of the construction. The work contains several solved problems. Main emphasis is placed on illustration of problems in the form of drawings and construction. The illustration is better by using of applets. The applets show the steps of the construction one after another as the students proceed with the construction on a sheet of paper. Together with each step of construction its symbolic description is showed.

Created web page could be used by high-school students as well as teachers to demonstrate the problem.