



ABSTRACT

Computer systems can deliver instruction directly to students by allowing them to *interact with lessons programmed into the system*, this is referred to as *computer assisted instruction (CAI)*. CAI refers to the methodology where computers are used for instructional purposes. In CAI, computers serve as the "teaching machine". It is an effective teaching tool for students of all ages or achievement levels.

The reason why CAI is being used in this paper is because of the occurring problem of the students in their math subjects. Some of these are as follows: the process of learning the subject is just limited to textbooks and other reference material, illustrating the geometric figure is a tedious part of the professor, individualization is not always applicable in a classroom situation, every student have different mathematics abilities and the teachers consultation time is insufficient to handle students who have math problems. CAI on Geometry is an example of this. GEOMETRY 1 aims to relate to the students the subject matter in a more faster form, to test the students comprehension of each exercise, to provide a review system for those people interested in studying geometry, and to evaluate the effectiveness of CAI.