

CAI (Computer - Aided Instruction):

Trigonometry for Fourth Year High School Students of Southern Philippines Institute of Science and Technology

An Undergraduate Research Proposal Presented to

The Computer Studies Department

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Information Technology

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ABSTRACT

Math is the most difficult subject for some students to learn nowadays. Through internet, however, math word problems become easier for people having so much hard time on teaching math problems. They can also easily learn mathematics, especially in Trigonometry with the help of the proponents system because it includes lessons about different topics like Trigonometric functions, Angle of elevation and more.

The system aims to improve the level of learning of students in Trigonometry. The output is an online based tutoring system in Trigonometry for fourth year high school students. It has different accounts; namely: student, faculty, and administrator. The system is developed using PHP.

The development of an Online Computer-Aided Instruction in Trigonometry for fourth year high school students of Southern Philippines Institute of Science and Technology serves as the foundation of the skills and knowledge of the students as they go on to another step in their school year.