

DEVELOPMENT OF A COMPUTER AIDED INSTRUCTION SYSTEM
FOR PRIMARY SCHOOL MATHEMATICS

by

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Project Report

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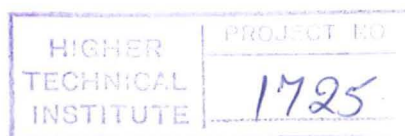
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SUMMARY

The Computer Aided Instruction System for Primary School Mathematics was developed as an aid to instruction and practice in mathematics for the first grade in the primary school system in Cyprus.

The package developed, may allow operation in two user modes : the pupil mode and the teacher mode. Operating in pupil mode the system may give a series of nine practice exercises providing at the same time small training sessions. In teacher mode, the system allows organization of pupils into teams and determination of the exercise flow. Data concerning the performance of each pupil is also recorded by the instruction package.

So, the implemented system provides for plenty of opportunities for manipulation for the pupils to aid in their comprehension. It also helps the teacher in diagnosing individual problems and, because it provides for practice sessions, allows him/her spend more time and energy working with individual pupils and their particular weaknesses.

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