The Study on Generic Structure for the Development in the Classroom of the Mathematics Lesson with the Support of the Computer

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This Poster presents an abstract structure applied to Mathematics, based on the PEMD-Principle (*)"A material is educational material when there is a training strategy to use it". The structure facilitates the computer's incorporation to teaching, respecting the educational focus that every teacher applies.

It consists on distributing in an appropriate way the area to develop in a Didactic Units’ set with a homogeneous structure. Every unit can be adapted to the teaching rhythm, presenting situations and strategies which do not harm it and which permit the reiteration of the processes that are being promoted. Besides, each unit preserves both the teacher’s and the student’s liberty to choose on contents and liberty to establish the way to follow with students.

The Didactic Units’ structure has been experimented in the Teacher Formation Course “The computer in Mathematics classroom” for the last five academic courses, achieving a certain valuation included in this Poster.

(*) Of Strategies and Didactic Materials