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Some didactic use of a Dynamic Geometry software in the education of teacher college students. (Algunas posibilidades didácticas del uso de un entorno de Geometría Dinámica en la formación de Maestros de Educación Primaria.)

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Firstly, in this article, we describe the solving processes of two problems that were presented by professor Luz Manuel Santos Trigo (PhD), investigator from the CINVESTAV, to our pupils of the second course of Primary Education of the Teacher Training in a Seminary developed in April 2004. The first problem was preceded by an explanation on the characteristics not only of the Dynamic Geometry software but also of the problems that can be solved with it. The whole problem was solved and explained by the aforementioned professor while the pupils just follow his clear indications. The second problem was carried out in the Computer Classroom, in a two hours session, it was also solved by the professor but, at the same time, the pupils, working in pairs, were following his explanations. Both problems can be considered complicated because they required the use of many commands of the programme. Secondly, from the reports made later by the different groups of pupils, we try to analyse the language that they use to describe the elements and relationships that appear, as well as to detect the difficulties in the comprehension of the concepts. (orig.)

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