

Introduction to Teaching with CABRI GEOMETRE II (PC Workshop)

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Abstract

CABRI GEOMETRE II is a computer program for interactive dynamical geometry. You can perform geometric constructions on the computer as if you would use a pencil, a ruler, and a compass. The new dimension offered by programs such as CABRI GEOMETRE is the dynamics obtained by free movable independent components which affects the dependent components, hence produce a dynamical image of geometric constructions. This makes a very powerful visualization tool. CABRI GEOMETRE II makes it very simple to explore geometrical facts experimentally.

We teach you how to work with CABRI GEOMETRE II. We use simple examples to introduce you to the major features of the program, then we will guide you through a series of classroom applications including the treatment of optimization problems.