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**Hašek, Roman; Zahradník, Jan**

**Study of historical geometric problems by means of CAS and DGS.**

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Summary: The use of the dynamic mathematics software GeoGebra to solve geometric problems on conics and loci from an 18th century textbook will be presented. In particular, examples will be shown of how the use of this program helped the authors to understand the method that our predecessors used to deal with conic sections together with solving loci problems. The combination of the DGS and CAS features of GeoGebra has proved its worth to the authors in the solving of such problems. The use of the computer changed the old problems, which to our students were originally solved in a rather strange way, into attractive modern problems.

*Classification:* U70 G70 A30

*Keywords:* computer algebra systems; dynamic geometry software; conics; loci; geometry; historical textbooks; problem solving; historical problems

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