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Roger W. Barnard* (roger.w.barnard@ttu.edu), Math. Dept, Texas Tech University,
Lubbock, TX 79409. *"Use of computer technology for insight and proof"*.

We will discuss and give many examples as to how we were able to use computer software to not only give insight into what geometric and analytical statements should be true as well as finding counterexample to several conjectures, but also to give legitimate, acceptable computer based proofs of a number of theorems in several of our papers. (Received September 17, 2009)