

## **Computers and Mathematics: Problems and Prospects**

Abstract: There is no question that the recent advent of the modern computer has had a dramatic impact on what mathematicians do and on how they do it. However, there is increasing evidence that many apparently simple problems may in fact be forever beyond any conceivable computer attack. In this talk, I will describe a variety of mathematical problems in which computers have had, may have or will probably never have a significant role in their solutions.