

Parabola Volume 39, Issue 1 (2003)

Dear Readers

As the new editor of Parabola I would like to express my gratitude to all those past contributors; editors, members of the editorial board, members of staff in the School of Mathematics University of New South Wales, and readers, for leaving this wonderful legacy with which I am entrusted. In going ahead I am hoping to engage students, secondary school teachers, and university lecturers in an exchange of information that will help to enable an improvement in Mathematics education for our gifted future generations.

This issue of Parabola contains, for the first time, a peer reviewed scholarly paper in Section A. This article by Milan Pahor explains through a statistical analysis how the scoring system used in tennis amplifies differences in players abilities so that the better player has a high probability of winning. The nice companion article by Peter Donovan shows that the scoring system in soccer does not amplify differences in team abilities, and indeed there is an appreciable probability that the weaker team will win in a soccer game. The article by Peter Brown brings to our attention some of the fascinating, but not well known, ways in which the well known Theorem of Pythagoras has been generalized and David Angell has provided us with a wonderful pedagogic introduction on rearrangement inequalities.

As I am writing this we are just one month away from the International Congress on Industrial and Applied Mathematics (ICIAM) to be held in Sydney, July 7-11, 2003. ICIAM is held every four years and is the most important general meeting, worldwide, for applied mathematicians. One of the features of the ICIAM meeting in Sydney is the Education Day, July 9, 2003. The purpose of this day is to offer secondary mathematics teachers a once-in-a-lifetime opportunity to hear some of the world's top mathematicians talk about their work. A separate one day registration is available for secondary mathematics teachers (follow the links under <http://www.iciam.org> for details) and I commend this event to you.

B.I. Henry, Editor