

**Essays on Mathematics and Statistics:
Volume 5**

Edited by
Codruta Stoica

Athens Institute for Education & Research (ATINER)
2015

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Foreword

Codruta Stoica, “Aurel Vlaicu” University of Arad, Romania

The present volume consists of selected papers presented at the 7th *Annual International Conference on Mathematics, Statistics and Mathematics Education & Statistics Education*, the 8th *Annual International Conference on Statistics* and the 8th *Annual International Conference on Mathematics & Statistics: Education & Applications*, organized by the *Formal Sciences Research Unit* of the *Athens Institute for Education and Research* in Athens, Greece. It is here where, back in 1995, The Athens Institute for Education and Research (ATINER) was established as an independent academic organisation by a dynamic, motivated and ambitious team, eager to bring together researchers from every corner of the globe, to initiate and to develop cooperation programs with colleagues from other Universities and Research Institutes.

In the good tradition of ATINER, the aim of the abovementioned conferences was to stimulate a lively exchange of ideas and methods and to provide information on recent advances in various areas of research, with regard to Mathematics, Statistics and Mathematics & Statistics Education. The presentations and interactive discussions that were held in parallel sessions, together with the collective debates that took place during the breaks, made the conferences useful to all participants and gave a strong impulse to future research.

The interesting and well written articles of this volume have undergone various levels of review. They are both original research papers as well as expository papers, being the fruition of the presentations and discussions that took place during the conferences.

I wish to thank all the participants, the members of the organizing and academic committees, as well as the administrative staff of ATINER for making these high-level scientific meetings possible.