

Foreword

The papers in this issue of Pure Mathematics and Applications/Algebra and Theoretical Computer Science have their roots in the fifth edition of GASCom, which was held at Dijon, France, from 11 to 14 September 2006 and was organized by LE2I Laboratory/University of Bourgogne in collaboration with the Dipartimento di Sistemi e Informatica, Università degli Studi di Firenze, Italia. The papers focus on the combinatorial, algebraic and algorithmic aspects of random and exhaustive generation of combinatorial objects coupled with bijective combinatorics. Many practical questions require for their solution the sampling of a random object from a combinatorial class, or an exhaustive search through all objects in the class. At the same time the development of new bijections between structures having the same enumerating sequence gives a growing interest towards these structures. Therefore, it is natural to pair these topics, according to the philosophy of the GASCom conference series. The Editors have made a careful selection of 12 articles, guided by referees' reports, from papers produced subsequent the conference, both by participants and others. The Editors would like to thank all GASCom 2006 participants, as well as the referees and the members of the program and organizing committees.

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