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Word Equations and Related Topics

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Preface

This volume contains papers presented at the second International Workshop on Word Equations and Related Topics (IWWERT '91), which was held in SCUEOR, University of Rouen, from the 7th to the 9th of October 1991.

Motivated by various activities and new results in the past five years, and by the first IWWERT, which was organized in October 1990 in Tübingen, FRG, by Prof. K.U. Schulz, the contribution of the second IWWERT '91 was a very good continuation of the first one.

Several researchers working on word equations and on their applications (logic programming, automatic demonstration, system of formal calculus, combinatory of words, etc.) were present and very active at the workshop.

The workshop was chaired by Prof. G.S. Makanin whose historical contribution in this area is well known. A new research project aiming at finding a new finite description of the general solution of word equations is presented in this workshop by G.S. Makanin.

We would like to express our great thanks to LIR (Laboratoire d'Informatique de Rouen/Université de Rouen) and LMI (Laboratoire de Mathématique et Informatique/INS de Rouen), to all the speakers and authors, and to Springer-Verlag for their optimal collaboration.

Rouen, March 1993

H. Abdulrab and J.P. Pécuchet

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