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### Preface

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## PREFACE

The articles included in this Supplement issue are carefully selected and peer-reviewed papers that were presented at the 14th international conference on **Modern Group Analysis** (MOGRAN-14) which took place at the Storforsen Hotel in Vidsel near Luleå in Sweden during May 25th to June 2nd, 2010. The topic of the MOGRAN-14 conference, and hence the topic of the papers included here, is that of nonlinear ordinary — and partial difference equations. Group theoretical methods are fundamental to the description of solutions of nonlinear differential equations and the underlying algebra and group structure provides useful information regarding the geometrical interpretation and physical meaning for the equations and solutions. The papers included here reflect this fact.

Historically the series of MOGRAN conferences is a continuation of two conferences in group theoretical methods in mechanics which were held in Calgary (Canada) in 1974 and in Novosibirsk USSR in 1978. The subsequent meetings of MOGRAN-3 to MOGRAN-13 took place in 1991 (Ufa, USSR), 1992 (Catania, Italy), 1994 (Johannesburg, RSA), 1996 (Johannesburg, RSA), 1997 (Nordfjordeid, Norway), 2000 (Ufa, Russia), 2002 (Moscow, Russia), 2004 (Cyprus), 2007 (Karlskrona, Sweden), 2008 (Porto, Portugal) and in 2009 (Ufa, Russia).

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17 November 2010