

Preface

The Second International Conference “**Symmetry in Nonlinear Mathematical Physics**” was organized mainly due to efforts of Professor Wilhelm Fushchych. It happened, however, that this outstanding scientist and kind person passed away. The Conference was dedicated to his memory. Among 80 participants of the Conference there were representatives of 14 countries from 5 continents. The main part of the lectures was devoted to investigation of symmetries and construction of exact solutions of nonlinear differential equations. Moreover, the latest trends in symmetry analysis, such as conditional symmetry, potential symmetries, discrete symmetries and differential geometry approach to symmetry analysis were represented efficiently. In addition, important branches of symmetry analysis such as representation theory, quantum groups, complete integrable systems and the corresponding infinite sets of conservation laws were widely discussed. The related papers as well as ones devoted to symmetries in physics and backgrounds of the nonlinear quantum mechanics, are included into the second volume of the Proceedings. We plan to continue the series of conferences dedicated to the memory of Professor Wilhelm Fushchych and hope that they will make an essential contribution to symmetry approach to nonlinear mathematical physics.

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