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symmetries and, even more generally, "side conditions" or "differential constraints", and they concluded that "the unifying theme behind finding special solutions of pdes is not, as is commonly supposed, group theory, but rather the more analytic subject of overdetermined systems of pdes".

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systems described by nonlinear pdes is the symmetry method. On the one hand, one can consider symmetry reduction of differential equations and thus obtain classes of exact solutions.

## **Symmetries, Integrability and Exact Solutions for Nonlinear Systems**

Table of contents. Part I.: Expository Articles. 1. Overdetermined Systems, Conformal Differential Geometry, and the BGG Complex Andreas ?ap. 2. Generalized Wilczynski Invariants for Non-Linear Ordinary Differential Equations

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