

Cambridge University Press

978-0-521-63246-1 - Geometric Theory of Singular Phenomena in Partial Differential Equations, Cortona 1995

Edited by Jean Pierre Bourguignon, Paolo de Bartolomeis and Mariano Giaquinta  
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Featuring contributions from a group of outstanding mathematicians, this book covers the most recent advances in the geometric theory of singular phenomena of partial differential equations occurring in real and complex differential geometry. Gathering together papers from a workshop held in Cortona, Italy, this volume will be of great interest to all those whose research interests lie in real and complex differential geometry, partial differential equations and gauge theory.

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Geometric Theory of Singular Phenomena  
in Partial Differential Equations

*Cortona 1995*

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## Preface

In the spring of 1994 we began working together with Franco Tricerri on the organization of a meeting that was intended to present an update of results on the fundamental geometric character of singular phenomena of PDEs occurring in real and complex differential geometry.

Franco, as was his habit, committed himself to this project with his communicative enthusiasm and competence.

In the morning of June 6 1994, a tragic plane crash near Xian, China, took his life, together with those of his wife Pinuccia and their children Alberto and Francesca.

His untimely death has deprived us of the collaboration of a highly distinguished mathematician, a brotherly friend and a very special person.

We decided to pursue the original project, and the workshop took place at Villa Passerini (il "Palazzone"), Cortona, Italy, from May 15 to May 19, 1995. It was a definite success and Franco would have enjoyed it.

This volume gathers contributions from the participants and some other articles. It is dedicated to Franco's memory.

Jean Pierre Bourguignon

Paolo de Bartolomeis

Mariano Giaquinta