



Preface

This volume contains the lectures given at the “XVII School of Differential Geometry”, that took place in Manaus, Amazonas, from 11 to 20 of July, 2012.

The schools of Differential Geometry in Brazil are traditional meetings that occur every two years since 1974. They provide a qualified forum of exchanging recent developments in Differential Geometry, covering a large variety of topics, as Geometric PDE’s and Analysis. They gather brazilian and foreign specialists, as well as doctoral and pos-doc students.

We wish to express our gratitude to the “Conselho Nacional de Desenvolvimento Científico” (CNPq), of the “Coordenação de Aperfeiçoamento de Pessoal de Nível Superior” (Capes), of the “Instituto Nacional de Tecnologia” (INCMat), of the “Fundações de Amparo à pesquisa dos Estados do Amazonas e do Rio de Janeiro” and of the “Sociedade Brasileira de Matemática” (SBM) for their vital support to the event.

We are grateful to the lectures and authors.

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