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Nota di contenuto	Preface -- David Mond -- Milnor Fibrations and the Concept of -regularity for Analytic Map Germs -- Introduction -- 1. An example: weighted homogeneous singularities -- 2. On the geometry in Milnor's proof of the fibration theorem -- 3. -regularity for real analytic map-germs -- References -- Bi-Lipschitz -triviality and Newton polyhedra, -- 1. Introduction -- 2. Bi-Lipschitz -triviality ...-- 3. Examples -- 4. Bi-Lipschitz $\{ \}$ -triviality,... -- 5. Tables of estimates -- References -- Symplectic $\{ \}$ Singularities -- 1. Introduction -- 2. The method of algebraic restrictions -- 3. Discrete symplectic invariants. -- 4. Symplectic $\{ \}$ -singularities -- References -- Topology of the real Milnor fiber for isolated singularities -- 1. Introduction -- 2. Tools from Morse Theory -- 3. Euler Characteristic for Real Mappings Fibers -- 4. Topological-Geometrical Description - Application to Low Dimensions -- References -- Compact 3-manifolds supporting some A_2 -actions -- 1. Introduction -- 2. Preliminares -- 3. Semi-global orbit structure in a neighborhood of a circle orbit -- 4. Proof of main Theorem -- References -- Timelike canal hypersurfaces of spacelike submanifolds in a de Sitter space -- 1. Introduction -- 2. Timelike hypersurfaces in a de Sitter space -- 3. Spacelike submanifolds in the de Sitter space -- 4. Timelike canal hypersurfaces -- 5. De Sitter -maps as wavefronts -- 6. Contact with hyperbolic hyperquadrics in the

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 2. Characteristic sequences and semigroup of a reducible polynomial
 -- The tree of contacts of Abhyankar-Assi -- 3. The Artin-Greenberg
 function.

Sommario/riassunto

"This volume is a collection of papers presented at the 11th
 International Workshop on Real and Complex Singularities, held July
 26-30, 2010, in Sao Carlos, Brazil, in honor of David Mond's 60th
 birthday. This volume reflects the high level of the conference
 discussing the most recent results and applications of singularity
 theory. Articles in the first part cover pure singularity theory: invariants,
 classification theory, and Milnor fibres. Articles in the second part cover
 singularities in topology and differential geometry, as well as algebraic
 geometry and bifurcation theory: Artin-Greenberg function of a plane
 curve singularity, metric theory of singularities, symplectic
 singularities, cobordisms of fold maps, Goursat distributions, sections
 of analytic varieties, Vassiliev invariants, projections of hypersurfaces,
 and linearity of the Jacobian ideal."--P. [4] of cover.
