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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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-- 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.
