

1. Record Nr.	UNINA9910707308903321
Autore	Smialek James L.
Titolo	Sulfur impurities and the microstructure of alumina scales // James L. Smialek
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Lewis Research Center, , April 1997
Edizione	[Revised copy.]
Descrizione fisica	1 online resource (11 pages) : illustrations
Collana	NASA technical memorandum ; ; 107375
Soggetti	Microstructure Aluminum oxides Annealing Sulfur Adhesion Desulfurizing Grain boundaries Heat resistant alloys Metal bonding
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Aug. 3, 2016). "April 1997"--Report documentation page. "Prepared for Microscopy of Oxidation III sponsored by the Institute of Metals, Cambridge, United Kingdom, September 16-18, 1996." "Performing organization: National Aeronautics and Space Administration, Lewis Research Center"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 4-6).

2. Record Nr.	UNINA9910788857503321
Autore	Montgomery R (Richard), <1956->
Titolo	Points and curves in the Monster tower // Richard Montgomery, Michail Zhitomirskii
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2009 ©2009
ISBN	1-4704-0570-9
Descrizione fisica	1 online resource (137 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 203, Number 956
Classificazione	SI 130
Disciplina	516.3/6
Soggetti	Jet bundles (Mathematics) Blowing up (Algebraic geometry) Pfaffian systems Singularities (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 203, Number 956 (end of volume)."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Abstract""; ""Preface""; ""Chapter 1. Introduction""; ""1.1. The Monster construction""; ""1.2. Coordinates and the contact case""; ""1.3. Symmetries. Equivalence of points of the Monster""; ""1.4. Prolonging symmetries""; ""1.5. The basic theorem""; ""1.6. The Monster and Goursat distributions""; ""1.7. Our approach""; ""1.8. Proof of the basic theorem""; ""1.9. Plan of the paper""; ""Acknowledgements""; ""Chapter 2. Prolongations of integral curves. Regular, vertical, and critical curves and points ""; ""2.1. From Monster curves to Legendrian curves"" ""2.2. Prolonging curves""""2.3. Projections and prolongations of local symmetries""; ""2.4. Proof of Theorem 2.2""; ""2.5. From curves to points""; ""2.6. Non-singular points""; ""2.7. Critical curves""; ""2.8. Critical and regular directions and points""; ""2.9. Regular integral curves""; ""2.10. Regularization theorem""; ""2.11. An equivalent definition of a non-singular point""; ""2.12. Vertical and tangency directions and points""; ""Chapter 3. RVT classes. RVT codes of plane curves. RVT and Puiseux""; ""3.1. Definition of RVT classes"" ""3.2. Two more definitions of a non-singular point""""3.3. Types of RVT classes. Regular and entirely critical prolongations""; ""3.4.

Classification problem: reduction to regular RVT classes"; "3.5. RVT classes as subsets of PkR^2 "; "3.6. Why tangency points?"; "3.7. RVT code of plane curves"; "3.8. RVT code and Puiseux characteristic"; "Chapter 4. Monsterization and Legendrization. Reduction theorems"; "4.1. Definitions and basic properties"; "4.2. Explicit calculation of the legendrization of RVT classes"; "4.3. From points to Legendrian curves"; "4.4. Simplest classification results"; "4.5. On the implications and shortfalls of Theorems 4.14 and 4.15"; "4.6. From points to Legendrian curve jets. The jet-identification number"; "4.7. The parameterization number"; "4.8. Evaluating the jet-identification number"; "4.9. Proof of Proposition 4.44"; "4.10. From Theorem B to Theorem 4.40"; "4.11. Proof that critical points do not have a jet-identification number"; "4.12. Proof of Proposition 4.26"; "4.13. Conclusions. Things to come"; "Chapter 5. Reduction algorithm. Examples of classification results"; "5.1. Algorithm for calculating the Legendrization and the parameterization number"; "5.2. Reduction algorithm for the equivalence problem"; "5.3. Reduction algorithm for the classification problem"; "5.4. Classes of small codimension consisting of a finite number of orbits"; "5.5. Classification of tower-simple points"; "5.6. Classes of high codimension consisting of one or two orbits"; "5.7. Further examples of classification results; Moduli"; "Chapter 6. Determination of simple points"; "6.1. Tower-simple and stage-simple points"; "6.2. Determination theorems"; "6.3. Explicit description of stage-simple RVT classes"
