

2k-5/00

95
5

数理解析研究所講究録 415

特異点の複素解析

禁帯出期間

56. 3. 12 - 3. 19

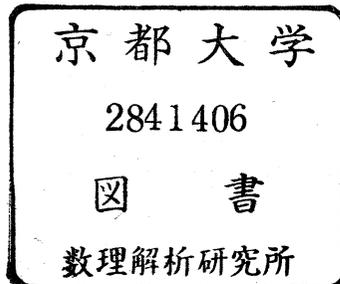
数研図書室

京都大学数理解析研究所

1981年2月

RIMS Kokyuroku 415

Complex Analysis of Singularities



February, 1981

Research Institute for Mathematical Sciences

Kyoto University, Kyoto, Japan

R.I.M.S. Symposium

on

Complex Analysis of Singularities

September 10 - 12, 1980

Organizer: Kazuhiko Aomoto

Contents

1. Duality of Cusp Singularities.....1
Iku Nakamura
Hokkaido Univ.
2. Chevalley Groups over $\mathbb{C}((t))$ and Deformations
of Simply Elliptic Singularities.....19
Peter Slodowy
Univ. of Bonn
3. Normal Forms of Non-degenerate Quasihomogeneous Functions
with Inner Modality ≤ 439
Etsuo Yoshinaga
Yokohama National University
Masahiko Suzuki
University of Tsukuba
4. A Naive Guide to Mixed Hodge Theory.....48
Alan H. Durfee
Smith College
5. Rational Singularities with C^* -action.....64
Kei-ichi Watanabe
Nagoya Institute of Technology

6.	Classification of Normal Surface Singularities.....	77
	-On Plurigenera of Normal Isolated Singularities, I-	78
	Kimio Watanabe University of Tsukuba	
	-On Two-dimensional Normal Singularities of Type $*A_n$, $*D_n$ and $*E_n$ -	139
	Shigeki Ohyanagi University of Tsukuba	
7.	On the Rational $K(\pi, 1)$ -properties of Open Algebraic Varieties.....	159
	Toshitake Kohno University of Tokyo	
8.	New Exponents and Betti Numbers of Complement of Hyperplanes.....	177
	Hiroaki Terao International Christian University	
9.	Limits of Intrinsic Metrics on the Vanishing Variety of Curve Singularities.....	196
	Norbert A'Campo Univ. of Paris XI	
10.	Geometry of Tangents, Local Polar Varieties and Chern Classes.....	197
	Lê Dũng Tráng Univ. of Paris VII and RIMS, Kyoto Univ.	
11.	Conjugation Schemes and Second Homotopy Group.....	213
	F. Lazzeri Univ. of Pisa and RIMS, Kyoto Univ.	
12.	Singular Inoue Surfaces as Degenerate Rational Surfaces (Manuscript not contributed)	
	E. Looijenga Katholieke Univ. Nijmegen	
13.	Homologically Trivial Curves on Moishezon Threefolds (Manuscript not contributed)	
	H. Pinkham Columbia Univ.	