

CONTENTS

Volume 208, no. 1 and no. 2

Abdelmalek Azizi , Construction de la tour des 2-corps de classes de Hilbert de certains corps biquadratiques	1
Janez Bernik , Brauer-type results on semigroups over p -adic fields	201
Indranil Biswas and S. Subramanian , Connections on principal bundles over curves in positive characteristics	11
Holger Brenner and Stefan Schröer , Ample families, multihomogeneous spectra, and algebraization of formal schemes	209
Heng Huat Chan, Alice Gee and Victor Tan , Cubic singular moduli, Ramanujan’s class invariants λ_n and the explicit Shimura reciprocity law	23
Kwang-Wu Chen , Sums of products of generalized Bernoulli polynomials	39
Francisco-Javier Cirre , The moduli space of real algebraic curves of genus 2	53
Ulrich Clarenz , A stability criterion for extremals of elliptic parametric functionals	231
Siddhartha Gadgil , Equivariant framings, lens spaces and contact structures	73
Eddy Godelle , Parabolic subgroups of Artin groups of type FC	243
Ilseop Han , Hasse principles for the Brauer groups of algebraic function fields of genus zero over global fields	255
Håkan Hedenmalm and Eero Saksman , Carleson’s convergence theorem for Dirichlet series	85
Thomas A. Ivey , An inverse problem from sub-Riemannian geometry	111
W.B.R. Lickorish , Knotted contractible 4-manifolds in S^4	283
Aleksandar Mijatović , Simplifying triangulations of S^3	291
Pengcheng Niu and Huiqing Zhang , Payne-Polya-Weinberger type inequalities for eigenvalues of nonelliptic operators	325
Gianluca Occhetta , Small contractions of smooth varieties	125
Mainak Poddar , Orbifold Hodge numbers of Calabi-Yau hypersurfaces	151
Ben W. Reichardt, Cory Heilmann, Yuan Y. Lai and Anita Spielman , Proof of the Double Bubble Conjecture in \mathbf{R}^4 and certain higher dimensional cases	347

Benjamin Steinberg, A topological approach to inverse and regular semi-groups..... 367
Stefano Vidussi, Norms on the cohomology of a 3-manifold and SW theory 169
Rachel J. Weir, Zeros of extremal functions in weighted Bergman spaces.. 187
Pacific Journal of Mathematics copyright agreement form 397