

CONTENTS

Kōta YOSHIOKA — Moduli Spaces of Twisted Sheaves on a Projective Variety	1
Daniel HUYBRECHTS and Paolo STELLARI — Appendix : Proof of Căldăraru’s Conjecture	31
Claire VOISIN — On Integral Hodge Classes on Uniruled or Calabi-Yau Threefolds	43
Yoshinori NAMIKAWA — Birational Geometry of Symplectic Resolutions of Nilpotent Orbits	75
Takeshi ABE — The Moduli Stack of Rank-two Gieseker Bundles with Fixed Determinant on a Nodal Curve	117
Arnaud BEAUVILLE — Vector Bundles on Curves and Theta Functions	145
Atsushi MORIWAKI — On the Finiteness of Abelian Varieties with Bounded Modular Height	157
Nitin NITSURE — Moduli of Regular Holonomic \mathcal{D}_X -modules with Natural Parabolic Stability	189
Iku NAKAMURA and Ken SUGAWARA — The Cohomology Groups of Stable Quasi-abelian Schemes and Degenerations Associated with the E_8 -lattice	223
Christophe SOULÉ — Semi-stable Extensions on Arithmetic Surfaces	283
Caterina CONSANI and Carel FABER — On the Cusp Form Motives in Genus 1 and Level 1	297
Shigeru MUKAI — Polarized K3 Surfaces of Genus Thirteen	315
Kazuhiro FUJIWARA and Fumiharu KATO — Rigid Geometry and Applications	327
Michi-aki INABA, Katsunori IWASAKI and Masa-Hiko SAITO — Moduli of Stable Parabolic Connections, Riemann-Hilbert Correspondence and Geometry of Painlevé Equation of Type VI, Part II	387