CONTENTS

Kwokwai CHAN and Naichung Conan LEUNG — On SYZ mirror transformations	1
Andrew R. HODGE and Motohico MULASE — Hitchin integrable systems, deformations of spectral curves, and KP-type equations	31
Shinobu HOSONO — BCOV ring and holomorphic anomaly equation	79
Hiroshi IRITANI — Ruan's conjecture and integral structures in quantum cohomology	111
Bumsig KIM — Logarithmic stable maps	167
Toshio NAKATSU and Kanehisa TAKASAKI — Integrable structure of melting crystal model with external potentials	201
Nikita A. NEKRASOV — Two dimensional topological strings and gauge theory	225
Rahul PANDHARIPANDE and Aleksey ZINGER — Enumerative geometry of Calabi–Yau 5-folds	239
Claude SABBAH — Fourier–Laplace transform of a variation of polarized complex Hodge structure, II	289
Jan STIENSTRA — Computation of principal \mathcal{A} -determinants through dimer dynamics	349
Atsushi TAKAHASHI — Weighted projective lines associated to regular systems of weights of dual type	371
Yukinobu TODA — Generating functions of stable pair invariants via wall-crossings in derived categories	389