

Contents

Preface	vii
A Lagrangian Quantum Homology <i>Paul Biran and Octav Cornea</i>	1
A Survey of Contact Homology <i>Frédéric Bourgeois</i>	45
Minimal Atlases of Closed Contact Manifolds <i>Yuri Chekanov, Otto van Koert, and Felix Schlenk</i>	73
The Role of String Topology in Symplectic Field Theory <i>Kai Cieliebak and Janko Latschev</i>	113
A Morse Theoretic Description of String Topology <i>Ralph L. Cohen and Matthias Schwarz</i>	147
A Version of Rational SFT for Exact Lagrangian Cobordisms in 1-Jet Spaces <i>Tobias Ekholm</i>	173
Canonical Models of Filtered A_∞ -Algebras and Morse Complexes <i>Kenji Fukaya, Yong-Geun Oh, Hiroshi Ohta, and Kaoru Ono</i>	201
Constructing Stein Manifolds after Eliashberg <i>Robert E. Gompf</i>	229
Floer Homology Groups in Hyperkähler Geometry <i>Sonja Hohloch, Gregor Noetzel, and Dietmar A. Salamon</i>	251
The Embedded Contact Homology Index Revisited <i>Michael Hutchings</i>	263
Positive Legendrian Regular Homotopies <i>François Laudenbach</i>	299
Symplectic Birational Geometry <i>Tian-Jun Li and Yongbin Ruan</i>	307
Heegaard Floer Homology, Double Points and Nice Diagrams <i>Robert Lipshitz</i>	327