

Contents

<i>Introduction</i>	v
1. Reidemeister/Roseman-Type Moves to Embedded Foams in 4-Dimensional Space <i>J. Scott Carter</i>	1
2. How to Fold a Manifold <i>J. Scott Carter and Seiichi Kamada</i>	31
3. Generalised Biquandles for Generalised Knot Theories <i>Roger Fenn</i>	79
4. Lectures on Knot Homology and Quantum Curves <i>Sergei Gukov and Ingmar Saberi</i>	105
5. Dirac Operators in Gauge Theory <i>Andriy Haydys</i>	161
6. Graph-Links: The State of the Art <i>D. P. Ilyutko, V. O. Manturov and I. M. Nikonov</i>	189
7. A Survey of Heegaard Floer Homology <i>András Juhász</i>	237
8. On the Framization of Knot Algebras <i>Jesús Juyumaya and Sofia Lambropoulou</i>	297

9.	Virtual Knot Cobordism <i>Louis Hirsch Kauffman</i>	335
10.	Mutant Knots <i>H. R. Morton</i>	379
11.	Knots and Distributive Homology: From Arc Colorings to Yang–Baxter Homology <i>Józef H. Przytycki</i>	413
12.	Ordering Knot Groups <i>Dale Rolfsen</i>	489
13.	Casson-Type Invariants from the Seiberg–Witten Equations <i>Daniel Ruberman and Nikolai Saveliev</i>	507