Preface

This volume consists of ten original papers written by experts in various aspects of low dimensional topology. The topics covered by them include knots and links, 3-dimensional hyperbolic geometry, conformally flat structures on 3-manifolds, Floer homology, the geometry and topology of 4-manifolds. These are among the main subjects in current topology which is now making rapid progress. The editors hope that this volume would also serve as a quick up-to-date introduction to these areas.

Related to this volume, three symposiums were held during 1987–1989, which were supported by the Grant-in-Aid for Cooperative Research, the Ministry of Education, Science and Culture, Japan.

The editors would like to express their sincere gratitude to those people who cooperated in making possible the publication of the volume.

Y. Matsumoto and S. Morita, editors

All papers in this volume have been refereed and are in final form. No version of any of them will be submitted for publication elsewhere.