

# Preface

The seed for these notes was learning and applying the methods of Fock and Goncharov concerning moduli spaces of real projective structures on surfaces with ideal triangulations. In the process we realised that an expanded treatment would provide an excellent introduction to the study of real projective structures on surfaces and their moduli spaces, and, indeed, a window to the wider fields of real projective manifolds and higher Teichmüller theory.

We have written these notes with two kinds of readers in mind: those who would like to learn about real projective manifolds, and those who have a passing knowledge thereof but are interested in the geometric underpinnings of Fock and Goncharov's parameterisation of moduli space of certain real projective structures. Indeed, we were encouraged to complete this project by both kinds of readers: the former motivated by the simplicity of the constructions, and the latter because many subtle details were not elaborated by Fock and Goncharov and are often misinterpreted.

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