

C O N T E N T S

	<u>Page</u>
§ 1. Introduction: Abelian Functions 	1
§ 2. The commutator-algebra of a R-matrix 	6
§ 3. Division algebras over \mathbb{Q} with a positive involution	18
§ 4. Cyclic algebras 	38
§ 5. Division algebras over \mathbb{Q} with involutions of the second kind 	45
§ 6. Positive involutions of the second kind in division algebras 	51
§ 7. Existence of R-matrices with given commutator-algebra	57
§ 8. Modular groups associated with Riemann matrices	109
Bibliography 	124
Errata 	127