Contents

	Preface		ix
I	The modular group		1
	1	The symplectic group	1
	2	Minkowski's reduction theory	10
	3	Fundamental sets of Siegel's modular group	27
II	Basic facts on modular forms		43
	4	The linear space of modular forms	43
	5	Eisenstein series and the Siegel operator	54
Ш	Large weights		75
	6	Cusp forms and Poincaré series	75
	7	Non-cusp forms	93
IV	Small weights		99
	8	Singular modular forms and theta-series	99
	9	The graded ring of modular forms of degree two	112
V	Modular functions		124
	10	Quotients of modular forms	124
	11	Pseudoconcavity	129
VI	Dirichlet series		143
	12	Dirichlet series associated with modular forms	
		and the Mellin-transform	144
	13	Analytic continuation and the functional equation	148
	Bibliography		157
	Index		161