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Nota di contenuto	Front matter -- I Compactified moduli spaces -- 1 Moduli spaces -- 2 Torus embeddings and applications -- 3 Toroidal compactification of $A(1, p)$ -- 4 The boundary of $A^*(1, p)$ -- 5 Humbert surfaces and scaffoldings -- 6 The Satake compactification -- II Degenerations of abelian surfaces -- 1 Mumford's construction -- 2 The basic construction for surfaces -- 3 Degenerate abelian surfaces (the principally polarized case) -- 4 Degenerate abelian surfaces (the case of $(1,p)$ -polarization) -- 5 Polarizations on degenerate abelian surfaces -- III The Horrocks-Mumford map -- 1 The Horrocks-Mumford bundle -- 2 Construction of the Horrocks-Mumford map -- 3 Extension of the Horrocks-Mumford map to $A(1, 5)$ -- 4 Extension of the Horrocks-Mumford map to $A^*(1, 5)$ -- Bibliography -- Glossary of Notations -- Index
Sommario/riassunto	Moduli Spaces of Abelian Surfaces: Compactification, Degenerations and Theta Functions.