

Primary references:

[FK] Farkas-Kra **Riemann Surfaces** 2nd ed.
My notes (to be uploaded to course web page).

Almost as primary:

[D] Donaldson, **Riemann Surfaces**
Mumford, D. **Curves and Their Jacobians**
Miranda, **Algebraic Curves and Riemann Surfaces**

Secondary references :

Ahlfors, **Complex Analysis**

Fisher, Gerd, **Plane Algebraic Curves** , Student Math Library series, v 15, AMS , esp p. 169

Levy, Silvio, editor **The Eightfold Way: the beauty of Klein's quartic curve**,

Weyl **The concept of a Riemann Surface** [through Dover]

Klein, **On Riemann's Theory of Algebraic Functions and Their Integrals** [through Dover]

Griffiths, *Variations on a Theme of Abel, (part 1)*, available on-line, or JSTOR.

H Clemens, **A scrapbook of complex curve theory.**

Serre: **A course in arithmetic.** (for modular functions)

Occasionally consulted refs

Yoshida, **Hypergeometric Functions, My Love**

McMullen's on-line notes.

Kirwan: **Complex Algebraic Curves.**

Strebel: **Quadratic Differentials.**