Networked texts

These are networked texts in the university library.

- *Elementary number theory: primes, congruences and secrets, a computational approach*, William Stein, Springer, 2009.

- *Elementary number theory in nine chapters*, James J. Tattersall, Mcgraw Hill 2007

- *Introductory algebraic number theory* by Saban Alaca and Kenneth S. Williams. Cambridge University Press 2004. This is more advanced, and hence does not cover "elementary" topics such as quadratic reciprocity (a major component of the course). Algebraic structures are very much in the foreground of the first, which has advantages.

- *Problems in algebraic number theory*, M. Ram Myrty and Jody Esmonde, Springer 2005. This is actually aimed at graduate students, but is very practical, crammed full of problems, and well worth looking at.

- *A Primer of Analytic Number Theory: from Pythagoras to Riemann*, J. Stopple, Cambridge University Press 2003. This is analytic number theory, but is worth looking at for the Prime Number Theorem.

Other texts

- *Primes and programming*, P.J. Giblin, Cambridge University Press 1993

- *Algebra*, Serge Lang, Addison-Wesley 1965 (or any newer edition)

- *A course in arithmetic*, J-P. Serre (first chapter only) Graduate Texts in Mathematics no. 7 Springer-Verlag 1973