

4H Additional Reading:

V. V. Prasolov, V. M. Tikhomirov. *Geometry*, (2001). Chapter 4. Conics and Quadrics.
Section 4.1. Plane curves of second order. pp.61-69.

Remarks:

1. The book is available on DUO:
 - see "Reading List" in the "Resources" part in the menu on the left;
 - there you will find a number of references in alphabetic order;
 - among them you will find the required the book - third from bottom (press "VIEW ONLINE" button, then you will be asked for your Durham login and password to be allowed to see the book).
2. Sections 4.2. (Additional remarks) and 4.3. (Some properties of quadrics) are **NOT examinable**.
3. Some questions in the Problems section may be difficult.
You DON'T need to be able to solve all of them (but it may make sense to try and solve some).