

**Computing and Software 734**  
**Formalized Mathematics**  
**Winter 2008**

**Exercise 7**

**20 pts.**

**Due 26 March 2008**

Assigned: 7 March 2008

Revised: 7 March 2008

Do this exercise by yourself.

Using Lemma 2 of Exercise 5, prove in IMPS that the square root of 2 is irrational.