MATH 595 Tuesday 13 March

The theorem on formal functions; the semi-continuity theorem; review on curves

(1) **Example 12.9.2**

Review the flat family of curves from last lecture (Example 9.8.4). Verify the claims about h^0 and h^1 of its fibres.

(2) **Exercise II.6.8**

(3) **Exercise II.6.6**