

There is a gap in the proof of Example 4 of Section D.1.1. At the end line -13 on page 677, add the following:

The existence of the set V is a consequence of Shafarevich [134, Chapter II, §2.2, Theorem 6].

Remark: The proof of this result from Shafarevich depends in turn on [134, Chapter II, §2.2, Theorem 4], which contains a small typographic error: In the displayed equation (4) on page 103 of [134], the right-hand side should be

$$\mu u_n^k + \mu_1 H_1(u_1, \dots, u_{n_1}) u_n^{k-1} + \dots + \mu_k H_k(u_1, \dots, u_{n_1}),$$

where the functions μ_1, \dots, μ_k are in \mathfrak{m}_x (this is in fact the verbal description that Shafarevich gives in lines 2-3 on page 103).