

# Addenda to ‘A geometric introduction to forking and thorn-forking’ and to ‘Thorn-forking as local forking’

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## 1 A geometric introduction to forking and thorn-forking

- There is a preprint by Clifton Ealy and Onshuus which should be mentioned in the paper [3].
- I should refer to Example 1.4 as the free pseudoplane, since that is what it is usually called.
- Section 4 should include the definition of *real rosy* [3].
- There is a serious copying error in Corollary 4.8. The correct definition of  $\downarrow_C^m$  is as follows.

$$A \downarrow_C^m B \iff \text{acl}(AC') \cap (BC) = \text{acl} C' \cap (BC) \text{ for all } C' \text{ s.t. } C \subseteq C' \subseteq BC.$$

The references from Section 5 of the sequel are to the *correct* definition [2].

- Example 6.4 is a contrived example of a relation satisfying all axioms for independence relations except extension, and also symmetry (but not full existence). A natural example is linear disjointness in an algebraically closed field.

## 2 Thorn-forking as local forking

- In various places there should be references to independent parallel results of Clifton Ealy and Alf Onshuus [3].
- In Section 5 it should be mentioned that the equivalence relation ranks  $eq-rk_\Delta$  in Section 5 of the paper by Ealy and Onshuus are essentially the same thing as the ranks I use to describe thorn-forking, i.e.  $D_\Delta$  where  $\Delta$  is a finite set of pairs  $(\varphi, \psi)$  with  $\psi \in \Psi_m$ .

## References

- [1] H. Adler, A geometric introduction to forking and thorn-forking, submitted (2007).
- [2] H. Adler, Thorn-forking as local forking, submitted (2007).
- [3] C. Ealy and A. Onshuus, Characterizing rosy theories, submitted (2006).