2018 EUROPEAN SUMMER MEETING OF THE ASSOCIATION FOR SYMBOLIC LOGIC

LOGIC COLLOQUIUM 2018 - ADDENDUM

The following abstract was inadvertently omitted from the contributed talks in the meeting report of the 2018 European Summer Meeting of the Association of Symbolic Logic (Logic Colloquium 2018) [1]. The abstract appears in full below:

 SILVIA BARBINA AND ENRIQUE CASANOVAS, The theory of Steiner triple systems. Open University, Milton Keynes, UK.
E-mail: silvia.barbina@open.ac.uk.
University of Barcelona, Barcelona, Spain.
E-mail: e.casanovas@ub.edu.

Finite Steiner triple systems (STSs) are well-known combinatorial objects for which the literature is extensive. An STS is a set *S* together with a collection \mathcal{B} of subsets of *S* of size 3 such that any two elements of *S* belong to exactly one element of \mathcal{B} . The existence of the Fraïssé limit $M_{\rm F}$ of all finite STSs is known, but no description of its theory was available so far. We describe the theory of $M_{\rm F}$ and prove that it has quantifier elimination and that it has no countable saturated model.

[1] 2018 European summer meeting of the Association of Symbolic Logic (Logic Colloquium 2018), this JOURNAL, vol. 25 (2019), no. 2, pp. 223–273. DOI:10.1017/bsl.2019.30.

The editors apologize for the omission.