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An *odd Sugihara monoid* (OSM) is an involutive, distributive, and idempotent residuated lattice $(S, \wedge, \vee, \cdot, \rightarrow, \neg, t)$ such that $\neg t = t$. As in any involutive residuated lattice, the operation $\cdot$ can be defined in terms of $\rightarrow$ and $\neg$. It is well known (see [2] or [3]) that the variety OSM is generated by its chains. The class of bounded OSMs provides an algebraic semantics for IUML, which is an extension of the relevant logic RM^t, R-mingle, formulated with Ackermann's constant t (see, for example [4]).

In [3], a categorical equivalence between the variety of Gödel algebras and that of bounded Sugihara monoids is established, $S : G \rightleftarrows bOSM : C$. At the level of objects, the functor S is given by a twist-structure construction over a Gödel algebra A.

The aim of the present communication is to introduce the class of algebras obtained by applying the previously defined construction S to the elements of the class of subGödel algebras. Clearly, this class properly contains the class of bounded OSMs. However, by virtue of having more elements, we expect it to yield the algebraic semantics of a logic with better relevance properties than IUML, while still remaining relatively simple to study.

[1] Epstein, G. & Horn, A., *Logics which are characterized by subresiduated lattices*, ***Z. Math. Logik Grundlagen Math.***, vol. 22(1976), no. 1, 199–210.

[2] Fussner, W. & Galatos, G., *Categories of models of R-mingle*, ***Annals of Pure and Applied Logic***, vol. 170(2019), no. 10, 1188–1242.

[3] Galatos, G. & Raftery J. G., *A category equivalence for odd Sugihara monoids and its applications*, ***Journal of Pure and Applied Algebra***, vol. 216 (2015), no. 10, 2177–2192 .

[4] Metcalfe, G. & Montagna F., *Substructural fuzzy logics*, ***The Journal of Symbolic Logic***, vol.72 (2007), no.3, pp.834–864.