Hom-Lie-Yamaguti Structures on Hom-Leibniz Algebras

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Abstract: Every multiplicative left Hom-Leibniz algebra has a natural Hom-Lie-Yamaguti structure.

Key words: Leibniz algebra, Lie-Yamaguti algebra (i.e., generalized Lie triple system, Lie triple algebra), Hom-Leibniz algebra, Hom-Lie-Yamaguti algebra.

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