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NORM-ADDITIVE IN MODULUS MAPS BETWEEN FUNCTION ALGEBRAS

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ABSTRACT. The main purpose of this paper is to characterize norm-additive in modulus, not necessarily linear, maps defined between function algebras (not necessarily unital or uniformly closed). In fact, for function algebras A and B on locally compact Hausdorff spaces X and Y , respectively, we study surjections $T, S : A \longrightarrow B$ satisfying $\| |Tf| + |Sg| \|_Y = \| |f| + |g| \|_X$ for all $f, g \in A$.

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