where $0^\alpha := 0$, L and l are arbitrary solutions of

$$L(u \cdot v) = L(u) + L(v), \quad u, v \in]0, 1]$$

with $0 \cdot L(0) = 0$, and

$$l(u \cdot v) = l(u) + l(v), \quad u, v \in]0, 1[^{m-1},$$

respectively.

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Erratum

Correction of Short Communication to "An asymptotic form of Cauchy's functional equation" by A. J. Parsloe, Volume 24, 2/3 (1982)

THEOREM A. *If f is 1-locally additive at $0+$ and if on some interval $(0, \alpha)$ f is nonnegative or measurable or bounded, then there is an interval $(0, \beta)$ on which either f vanishes identically or f is (strictly) single signed.*