Title: Reconsidering a functional equation arising from number theory
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In a recent paper Chávez and Sahoo considered the functional equation

$$
f(u x-v y, u y+v(x+y))=f(x, y) f(u, v),
$$

which arose in a number theoretical context. Unfortunately one of their results is incorrect. Here we reconsider the equation on various domains. We observe that it is in fact a multiplicative Cauchy equation in disguise. We also point out some remaining open problems.

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