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Title: On an S-unit variant of Diophantine m-tuples

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Let S be a fixed set of primes and let $a_1, \ldots, a_m$ be positive distinct integers. We call the m-tuple $(a_1, \ldots, a_m)$ S-Diophantine, if for all $i \neq j$ the integers $a_i a_j + 1 = s_{i,j}$ are S-integers. In this paper we show that if $|S| = 2$, then under some technical restrictions no S-Diophantine quadruple exists.

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