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Frobenius, Lucas, and Dickson Pseudoprimes,
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Abstract

We prove results about various types of pseudoprimes with respect to Lucas sequences. In particular, we investigate Frobenius pseudoprimes that satisfy properties of several different types of pseudoprimes. We also find Frobenius pseudoprimes with many divisors for which each of its composite divisors is also a Frobenius pseudoprime.