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Hilton, P.; Pedersen, J.

On generalized Fibonacci and Lucasian numbers.

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This article presents generalizations relating to Fibonacci and Lucas numbers. For the latter, if an odd number is Lucasian then so are all its positive powers, but this is not true for even numbers. The approach is to replacing the standard second order general linear recurrence relation by a more general one, using the Binet formula.
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Classification: F60

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