

**Question:** Do there exist numbers  $M_n$  that are Fibonacci or Lucas numbers besides those given in (4.1)?

**Remark:** By virtue of the identity  $4L_{2k} + (-1)^k 8 = (2L_k)^2$  (see identities  $I_{15}$  and  $I_{18}$  of [1]), it is not hard to prove that  $M_n$  cannot equal an even-subscripted Lucas number.

### REFERENCES

1. V. E. Hoggatt, Jr. *Fibonacci and Lucas Numbers*. Boston: Houghton Mifflin, 1969.
2. H. Riesel. *Prime Numbers and Computer Methods for Factorization*. Stuttgart: Birkhäuser, 1985.
3. W. Sierpinski. *Elementary Theory of Numbers*. Panstwowe Wydawnictwo Naukowe, 1964.
4. N. J. A. Sloane. *A Handbook of Integer Sequences*. San Diego, CA: Academic Press, 1973.

AMS Classification Numbers: 11A07, 11A51, 11B39



### Announcement

## NINTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS

July 17-July 22, 2000

Institut Supérieur de Technologie  
Grand Duché de Luxembourg

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#### LOCAL INFORMATION

*For information on local housing, food, tours, etc., please contact:*

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#### CALL FOR PAPERS

Papers on all branches of mathematics and science related to the Fibonacci numbers and generalized Fibonacci numbers, as well as papers related to recurrences and their generalizations are welcome. Abstracts, which should be sent in duplicate to F. T. Howard at the address below, are due by June 1, 2000. An abstract should be at most one page in length (preferably half a page) and should contain the author's name and address. New results are especially desirable, but abstracts on work in progress or results already accepted for publication will be considered. Manuscripts should *not* be submitted. Questions about the conference may be directed to:

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