Since, by (8), $F_{n-2}F_{n+2} = F_n^2 - 1$, and since $F_n - F_{n-1} = F_{n-2}$, these inequalities are equivalent to

$$F_{n+a_2+1} \le \frac{F_{n-1}F_nF_{n+2}}{F_{n-2}F_n - 1} < F_{n+a_2+2}.$$

Direct computation shows that $a_2 = 3$ if $n = 4$. For even $n \ge 6$, from Lemma 2, we find $a_2 = 2$. This completes the solution.

Also solved by P. Bruckman, L. A. G. Dresel, R. Martin, and the proposer.

❖❖❖

Announcement

TENTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS

June 24–June 28, 2002

Northern Arizona University, Flagstaff, Arizona

LOCAL COMMITTEE

C. Long, Chairman
Terry Crites
Steven Wilson
Jeff Rushal

INTERNATIONAL COMMITTEE

A. F. Horadam (Australia), Co-chair
A. N. Philippou (Cyprus), Co-chair
A. Adelberg (U.S.A.)
C. Cooper (U.S.A.)
H. Harborth (Germany)
Y. Horibe (Japan)
M. Johnson (U.S.A.)
P. Kiss (Hungary)
J. Lahr (Luxembourg)
G. M. Phillips (Scotland)
J. Turner (New Zealand)

LOCAL INFORMATION

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

Professor Calvin T. Long
2120 North Timberline Road
Flagstaff, AZ 86004
e-mail: calvin.long@nau.edu Fax: 928-523-5847 Phone: 928-527-4466

CALL FOR PAPERS

The purpose of the conference is to bring together people from all branches of mathematics and science who are interested in Fibonacci numbers, their applications and generalizations, and other special number sequences. For the conference *Proceedings*, manuscripts that include new, unpublished results (or new proofs of known theorems) will be considered. A manuscript should contain an abstract on a separate page. For papers not intended for the *Proceedings*, authors may submit just an abstract, describing new work, published work or work in progress. Papers and abstracts, which should be submitted in duplicate to F. T. Howard at the address below, are due no later than May 1, 2002. Authors of accepted submissions will be allotted twenty minutes on the conference program. Questions about the conference may be directed to:

Professor F. T. Howard
Wake Forest University
Box 7388 Reynolda Station
Winston-Salem, NC 27109 (U.S.A.)
e-mail: howard@mthcsc.wfu.edu
