Solution by David Zeitlin, Minneapolis, Minnesota
Using mathematical induction, one may show that

$$
\mathrm{F}_{4 \mathrm{n}}=\sum_{\mathrm{k}=1}^{\mathrm{n}} \mathrm{~L}_{4 \mathrm{k}-2}, \quad \mathrm{n}=1,2, \ldots
$$

If we apply the well-known arithmetic-geometric inequality to the unequal positive numbers $L_{2}, L_{6}, L_{10}, \ldots, L_{4 n-2}$, we obtain for $\mathrm{n}=2,3, \ldots$,

$$
\frac{F_{4 n}}{n}=\frac{\sum_{k=1}^{n L_{4 k-2}}}{n}=\sqrt[n]{L_{2} L_{6} L_{10} \cdots L_{4 n-2}},
$$

which is the desired inequality.
Also solved by Douglas Lind and the proposer.

## $X X X X X X X X X X X X X X X$

## ACKNOW LEDGMENT

It is a pleasure to acknowledge the assistance furnished by Prof. Verner E. Hoggatt, Jr. concerning the essential idea of "Maximal Sets" and the line of proof suggested in the latter part of my article "On the Representations of Integers as Distinct Sums of Fibonacci Numbers.'" The article appeared in Feb.,1965. H. H. Ferns
CORRECTION Volume 3, Number 1
Page 26, line 10 from bottom of page

$$
V_{7,3}+V_{7,4}+V_{7,5}=F_{8}-F_{7}=F_{6}=8
$$

Page 27, lines 4 and 5

$$
\begin{aligned}
& F_{2}+F_{4}+F_{6}+\ldots+F_{n}=F_{n+1}-1 \quad \text { (n even) } \\
& F_{3}+F_{5}+F_{7}+\ldots+F_{n}=F_{n+1}-1 \quad \text { (n odd) }
\end{aligned}
$$

## ACKNOW LEDGMENT

Both the papers "Fibonacci Residues" and "On a General Fibonacci Identity, " by John H. Halton, were supported in part by NSF grant GP2163.
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Page 40, Equation (81), the R. H. S. should have an additional term

$$
-v^{2} F_{v+2}
$$

