Note that the only alterations required in the techniques used involves the changes of signs; this is equivalent to switching the primed and unprimed formulas and subtracting the second terms instead of adding these terms.

All of the cases which have been considered are special cases of the general formulas

$$\prod(1 + f(a_k)a_k^{-s} + f(a_k^2)a_k^{-2s} + \cdots) = \sum F(n)n^{-s},$$

$$\prod(1 + g(a_k)x^{a_k} + g(a_k^2)x^{2a_k} + \cdots) = \sum G(n)x^n.$$

Other cases can certainly be derived and similar lines of reasoning can be carried out for the simpler cases. More complicated cases can also be worked out, if the process is generalized somewhat, but they become messy.

REFERENCES

1. R. B. Buschman, "Some Simple Sieves," Fibonacci Quarterly, Vol. 11, No. 3, pp. 247 – 254.

2. G. H. Hardy and E. M. Wright, An Introduction to the Theory of Numbers, 3rd Ed., Oxford, Clarendon Press, 1954.

◆◇◆◇◆

ERRATA

Please make the following changes in the article, "A New Look at Fibonacci Generalizations," by N. T. Gridgeman, appearing in Vol. 11, No. 1, pp. 40–55.

Page 40, Eqs. (1) and (2). Please insert an opening bracket immediately following the summation sign, and a closing bracket immediately following "B" in both cases. In Eq. (2), please change the lower limit of the summation to read: "i=0" instead of "m=0."

Page 41, Table 1. Please add continue signs, i.e., ⋮ ⋮ , at the end of the table.

Page 42, line 14 from bottom: Please correct spelling from "superflulous" to "superfluous."

Page 42, line 7 from bottom: Please insert a space between "over" and "positive."

Page 44, line 10: Please change "member" to read "members."

Page 45, Eq. (11): Please add an opening bracket immediately before $\left(\dfrac{h}{g-1} \right)$ and a closing bracket at the end of the line.

Page 46, line 10: Please change the first fraction to read "$\sqrt{9}/2 = 2$;"

Page 47, Eq. (18): Please correct the numerator to read:

$$[N - (B - 1)(1/2 - R)](1/2 + R)^n - [N - (B - 1)(1/2 + R)](1/2 - R)^n$$