By similar steps, by equating the elements appearing in the first row and second column of the matrices of Equations (3) and (5), we can write the additional identities,

$$\sum_{i=0}^{2n+1} \binom{2n+1}{i} F_{i-1+p} F_{i+p} = 5^n F_{2(n+p)}$$

and

$$\sum_{i=0}^{2n+2} \binom{2n+2}{i} F_{i-1+p} F_{i+p} = 5^n L_{2(n+p)+1} \quad .$$

REFERENCES

1. From the unpublished notes of Terry Brennan.
2. Marjorie Bicknell and Verner E. Hoggatt, Jr., "Fibonacci Matrices and Lambda Functions," The Fibonacci Quarterly, 1 (1963), April, pp. 47–52.

TWO CORRECTIONS, VOL. 1, NO. 4

Page 73: In proposal B-26, the last equation should read

$$B_n(x) = (x + 1) B_{n-1}(x) + b_{n-1}(x) \quad .$$

Page 74: In proposal B-27, the line for $\cos n\phi$ should read

$$\cos n\phi = P_n(x) = \sum_{j=1}^{N} A_{jn} x^{n+2-2j} \; (N = [(n+2)/2] \quad .$$