

**CORRIGENDUM FOR "SOME CONVERGENT RECURSIVE SEQUENCES,
HOMEOMORPHIC IDENTITIES, AND INDUCTIVELY DEFINED COMPLEMENTARY SEQUENCES"**

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On the above-entitled paper, appearing in the February 1966 volume of the Fibonacci Quarterly, please note the following changes:

Page 13. The last two lines of the Corollary should read:

... and only one homeomorphism g such that $g \geq 1$ and

$$(2.9) \quad h + h^{-1} = g + g^{-1} .$$

Page 14. Equation (2.27) should read:

$$(2.27) \quad (h \cup h^{-1})(t) = t \text{ for all } (h \cup h^{-1})^{-1}(x) \leq t \leq x .$$

Equation (2.30) should read:

$$(2.30) \quad h_{n+1} = P - h_n^{-1} \quad n > 1 .$$

Equation (2.31) should read:

$$(2.31) \quad h \uparrow \left(\frac{\alpha + \sqrt{\alpha^2 - 4}}{2} \right) I .$$

Page 15. Equation (2.36) should read

$$(2.36) \quad h \downarrow \left(\frac{\beta + \sqrt{\beta^2 - 4}}{2} \right) I .$$

Page 16. Equations (2.39) and (2.40) should read as follows:

$$(2.39) \quad v = \lim_{n \rightarrow \infty} v_n = \left(\frac{\beta + \sqrt{\beta^2 - 4}}{2} \right)$$

$$(2.40) \quad h = \left(\frac{\alpha + \sqrt{\alpha^2 - 4}}{2} \right) I$$

Page 21. After proof for the Corollary, add a Reference [5].

Page 23. The first line of the Corollary should read:

Corollary: Let $P(n) \neq 2n$ for some integer $n > 0$. Then

Page 24. Change the last line of Theorem 16 to read:

$\{x_n\}$ be inductively defined by

Equation (3.26) should read:

$$(3.26) \quad x_0 \leq a(x_{-1}) - x_{-1}$$

Page 26. Equation (4.13) should read:

$$(4.13) \quad F(x) = (\alpha - \sqrt{\alpha^2 - 1})x + \beta - \beta\sqrt{\alpha^2 - 1}/(\alpha - 1)$$

Page 27. Equation (4.19) should read:

$$(4.19) \quad (x - \beta) \{(\alpha - 1)x + \beta\alpha + \beta\} > \alpha^2 \epsilon / (\alpha + 1)$$

Equation (4.24) should begin with the line

$$(4.24) \quad h^{-1}(x) = xF(1) \quad 0 \leq x \leq 1$$

Page 28. The first line on the page should read:

If $\beta \geq 1_2^1$, then $F(1) > 0$ implies that $-\epsilon < (\beta - 1)^2$. It may be

Page 29. Equation (5.3) should read:

$$(5.3) \quad hh(t) < gh(t)$$

Page 33. Change the first line of Theorem 22 to read:

Let $\mu \leq 1$ and $P + \mu I > I$. Let g_1 be any

Page 34. The last three lines before the Corollary should read:

for h_1 has been proven. To prove convergence for g_1 , insert μ into the proper positions of (1.39) and (1.40), and continue the argument of the paragraph containing (1.39) and (1.40). Uniqueness of h is obtained from Theorem 21.

Page 36. Add References below.

11. J. Lambek and L. Moser, Inverse and complementary sequences of natural numbers, Amer. Math. Monthly, 61 (1954), 454-458.
12. H. W. Gould, "Non-Fibonacci Numbers," Fibonacci Quarterly, Vol. 3, No. 3, October 1965, pp. 177-183.
