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 $g > 1$ 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:

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

Page 15. Equation (2.36) should read

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

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

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

\[
\{ x_n \} \text{ be inductively defined by}
\]

Equation (3,26) should read:

\[
(3,26) \quad x_0 = a(x_{-1}) - x_{-1}
\]

Page 26. Equation (4,13) should read:

\[
(4,13) \quad F(x) = (x - \sqrt{x^2 - 1})x + \beta - \beta \sqrt{x^2 - 1}/(x - 1)
\]

Page 27. Equation (4,19) should read:

\[
(4,19) \quad (x - \beta) \{(x - 1)x + \beta x + \beta \} > \alpha^2 \epsilon/(x + 1)
\]

Equation (4,24) should begin with the line

\[
(4,24) \quad h^{-1}(\alpha) = xF(1) \quad 0 \leq x \leq 1
\]

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

If \( \beta \geq 1_2 \), 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 30. Change the first line of Theorem 22 to read:

Let \( \mu = 1 \) and \( P + \mu I > I \). Let \( g_1 \) be any

Page 31. The last three lines before the Corollary should read:

for \( h \), has been proven. To prove convergence for \( g_1 \), insert \( \mu \) 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 32. Add References below.


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