Most of these identities are obvious, or nearly so. Identity (5) may be proved as follows:

$$A\alpha^m = \tfrac{1}{2}Y_m + \tfrac{1}{2}dX_m = \tfrac{1}{2}(pX_m + 2qX_{m-1} + dX_m) = X_m\left(\frac{p+d}{2}\right) + qX_{m-1} = X_m\alpha + qX_{m-1},$$

and identity (6) is proved similarly. Identity (7) is proved as follows:

$$Y_n^2 = (A\alpha^n + B\beta^n)^2 = (A\alpha^n - B\beta^n) + 4AB(\alpha\beta)^n = (\alpha-\beta)^2\left(\frac{A\alpha^n - B\beta^n}{\alpha-\beta}\right)^2 + 4AB(-q)^n = d^2X_n^2 + 4AB(-q)^n.$$

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ERRATA

Please make the following corrections to "Fibonacci Sequences Modulo M," appearing in the February 1974 (Vol. 12, No. 1) issue of *The Fibonacci Quarterly,* pp. 51–64.

On page 52, last line, last sentence, change "If $2 \nmid f(p)$," to read "If $2 \mid f(p)$."

On page 53, change the fourth line of the third paragraph from "which $(a,b,p^e) = 1$," to: "which $(a,b,p^e) \neq 1$."

On page 56, third paragraph of proof, tenth line should read:

"...is given by $5^{2e} - 5^{2e-2} - 4\cdot5^{2e-2} = 4\cdot5^{2e-1}$ ...."

On page 61, change the second displayed equation to read:

$$n(k) = \frac{p^{2t}-1}{k}.$$

Line 7 from the bottom should read:

"for $i = t, \cdots, e-1$."