

Corrections to:

B. Rodgers, On the distribution of Rudin-Shapiro polynomials and lacunary walks on $SU(2)$. *Adv. Math.* (2017) 320: 993–1008.

p. 995: There is an indexing mistake on the identity that appears in the middle of the page. It should be: for $k \geq 1$,

$$\begin{pmatrix} P_k(z) \\ Q_k(z) \end{pmatrix} = \begin{pmatrix} 1 & z^{2^{k-1}} \\ 1 & -z^{2^{k-1}} \end{pmatrix} \begin{pmatrix} 1 & z^{2^{k-2}} \\ 1 & -z^{2^{k-2}} \end{pmatrix} \cdots \begin{pmatrix} 1 & z \\ 1 & -z \end{pmatrix} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix} \begin{pmatrix} 1 \\ 0 \end{pmatrix}.$$

and line (5) just below should be

$$i^{k+1} z^{-(2^k-1)} \begin{pmatrix} P_k(z^2)/\sqrt{2^{k+1}} \\ Q_k(z^2)/\sqrt{2^{k+1}} \end{pmatrix} = g(z^{2^{k-1}}) \cdots g(z)g(1) \begin{pmatrix} 1 \\ 0 \end{pmatrix}.$$

Last updated: Dec. 6, 2017