Solving Square–Root Palindromes II

Figure 1. Continued Fraction for Palindrome $a, b, c, b, a$

\[ \left\{ \begin{array}{l}
[x \to \sqrt{\frac{2 + b^2 c + 2n + 4abn + 2bnc + 2ab^2 cn + 2abn^2 + 2ab^2 c^2 n^2}{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}}}
\end{array} \right. \]

\[ \left\{ \begin{array}{l}
[x \to \sqrt{\frac{(2 + b^2 c + 2n + 4abn + 2bnc + 2ab^2 cn + 2abn^2 + 2ab^2 c^2 n^2)}{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}}}]
\end{array} \right. \]

Figure 2. Solution for $a, b, c, b, a$

\[ \left\{ \begin{array}{l}
[x \to \sqrt{\frac{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}}}
\end{array} \right. \]

Figure 4. Continued Fraction for $a, b, c, d, c, b, a$

\[ \left\{ \begin{array}{l}
[x \to \sqrt{\frac{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}{2 + 2b^2 c + 2abn + 2ab^2 c^2 n^2}}]
\end{array} \right. \]

Figure 5. Continued Fraction for $2, 1, c, 1, 2$