One can easily compute

$$u_{n+m} = u_n,\ \forall n \geq 0 \Leftrightarrow \left(\frac{a}{2}\right)^m = 1,\ c_j = c_i\left(\frac{a}{2}\right)^{j-i},$$

which is the case (d) of (8), and Theorem 4 is proved. □

REFERENCES

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AMS Classification Numbers: 11A25, 11B37, 11B39

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Announcement

EIGHTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS

June 21–June 26, 1998
Rochester Institute of Technology
Rochester, New York

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