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**Carol B Overdeep\*** ([coverdeep@stmartin.edu](mailto:coverdeep@stmartin.edu)), Saint Martin's University, 5000 Abbey Way SE, Lacey, WA 98503, and **Sally Fletcher**. *A Period-Four Solution with Period-Two Parameters Applied to a Rational Difference Equation.*

When applying period-two parameters to a second-order rational difference equation, a period-four solution arises when one of the parameters is set to zero. Further, given the two initial conditions, we can find explicit equations for each term in the period-four solution. (Received September 05, 2017)