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**Abstract**

We derive weighted summation identities involving the second-order recurrence sequence \( \{w_n\} = \{w_n(a, b; p, q)\} \) defined by \( w_0 = a, w_1 = b; w_n = pw_{n-1} - qw_{n-2} \) \((n \geq 2)\), where \( a, b, p, \) and \( q \) are arbitrary complex numbers, with \( p \neq 0 \) and \( q \neq 0 \).