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**Abstract**

The Hofstadter  $Q$  sequence is defined by the recurrence relation  $Q(n) = Q(n - Q(n - 1)) + Q(n - Q(n - 2))$ , with the initial conditions  $Q(1) = Q(2) = 1$ . Here we prove that other initial conditions can be used that cause the recurrence relation to generate the Fibonacci sequence.