Yufei Zhao  
*The Coefficients of a Truncated Fibonacci Power Series,*  

**Abstract**  
In this note, we give a short proof of the fact that the coefficients of the polynomial  
\[ A_n(x) = (1 - x)(1 - x^2)(1 - x^3) \cdots (1 - x^{F_n})(1 - x^{F_{n+1}}) \]  
are all equal to $-1, 0$ or $1$, where $F_n$ is the $n$th Fibonacci number. This improves the previous result that the coefficients of $\prod_{n \geq 2} (1 - x^{F_n})$ are all equal to $-1, 0$ or $1$.  