Addendum to *An Euler-Like Product with Fibonacci Exponents*, La Matematica, February, 2024

I had said at the end of Section 2 that Fibonacci number related references in the literature are too numerous to be listed there. This is no doubt true, but as it turns out there were some important references that needed to be consulted and included in the paper. This is in particular because of the fact that the expansion coefficients are from the set $\{-1, 0, 1\}$ (Theorem 9.1) was a known result, in fact proved more than once in the literature.

Since my aim is not to claim credit for this fact, I would like to cite here the papers in which this has been established and related work investigated. Further references can be found therein.

It appears that the fact that the expansion coefficients were from $\{-1, 0, 1\}$ was proved by Tad White [6'] in 1984, and later by Neville Robbins [3'], Federico Ardila [1'], Felix Weinstein [5'], and Jeffrey Shallit [4']. White [6', Corollary] proves that the expansion coefficients are from $\{-1, 0, 1\}$, with the aim to show that the number of Fibonacci partitions of n satisfies a recurrence relation with $-1, 0, 1$ coefficients. Robbins also proves this and also gives explicit expressions for the expansion coefficients for particular sequences of the exponents; for instance Lemma 6.3 corresponds to [3', Theorem 3]. Ardila provides a recursive description of the expansion coefficients and gives another proof of their $\{-1, 0, 1\}$ nature. Weinstein studies the nature and the number of Fibonacci partitions of n and gives another proof of the fact that the expansion coefficients are from $\{-1, 0, 1\}$. Shallit proves the Robbins and Ardila result by making use of a construction of Berstel [2']. There does not seem to be a reference to White's 1984 paper in the later works, and the original proof of the nature of the coefficients is commonly attributed to Robbins.

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