$$
N=\frac{\prod_{i=1}^{n-1} F_{i}\left(\prod_{i=1}^{n} F_{i}\right)^{m-1} \prod_{i=1}^{n+1} F_{i}}{\prod_{i=1}^{m}\left(\prod_{j=1}^{k_{i}-1} F_{j}\left(\prod_{j=1}^{k_{j}} F_{j}\right)^{m-1} \prod_{j=1}^{k_{i}+1} F_{j}\right)}
$$

where $\mathrm{n}=\mathrm{k}_{1}+\mathrm{k}_{2}+\cdots+\mathrm{k}_{\mathrm{m}}$ 。

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where

$$
\mathrm{H}_{\mathrm{n}+2}=\mathrm{H}_{\mathrm{n}+1}+\mathrm{H}_{\mathrm{n}} .
$$

The following identities were obtained from (13.2):

$$
\begin{align*}
& H_{4 n+4+p}-H_{2 n+2+p}=\sum_{i=0}^{n}\binom{2 n+1-i}{i} H_{3 i+3+p}  \tag{13.10}\\
& H_{8 n+8+p}-5^{n+1} H_{4 n+4+p} \\
& \quad=3 \sum_{i=0}^{[n / 2]}\binom{2 n+1-2 i}{2 i} 5^{i_{1}} H_{12 i+3+p} \\
& \quad+3 \sum_{j=0}^{[(n-1) / 2]}\binom{2 n-2 j}{2 j+1} 5 j_{\left(H_{0} L_{12 j+8+p}+H_{1} L_{12 j+9+p}\right)}
\end{align*}
$$

Many more Fibonacci identities are readily obtainable from (13.1) and (13.2).
14. REMARKS ON THE PAPER

BY HOGGATT, PHILLIPS, AND LEONARD [5]
All the 22 identities in [5] are special cases of our general results. The 22 identities appear in the Master's thesis of Leonard [6]. The notation (A, 1.6) means that identity $A$ of [5] is a special case of our identity (1.6). Thus, we have the remaining identity pairings for special cases of our results: ( $\mathrm{B}, 1.8$ ), ( $\mathrm{C}, 4.7$ ), ( $\mathrm{D}, 4.3$ ), ( $\mathrm{E}, 1.6$ ), ( $\mathrm{F}, 1.8$ ), ( $\mathrm{G}, 4.7$ ), ( $\mathrm{H}, 4.3$ ), (I, 1.15), (J, 1.16), (K, 1.11), (L, 1.13), (M, 1.9), ( $\mathrm{N}, 1.12$ ), ( $\mathrm{P}, 4.8$ ), ( $\mathrm{Q}, 4.4$ ), ( $\mathrm{R}, 4.5$ ), $(\mathrm{S}, 4.9)$, $(\mathrm{T}, 1.16)$, $(\mathrm{U}, 1.15),(\mathrm{V}, 1.16)$, and ( $\mathrm{W}, 1.15$ ).

Since A and E are obtained as special cases of our (1.6), A and E are therefore not independent, i. e., by a change of parameters, A can be transformed to E and vice versa. Thus, a perusal of the above pairings gives us the following dependent identity grouping: (A, E; 1.6), (B, F; 1.8), (I, U,W; 1.15), (J,T,V; 1.16), (D,H; 4.3), (C,G; 4.7). Since K, L. M, N, P, $Q, R$, and $S$ are independent, the 22 identities $A, B, \cdots, W$, contains now only 14 independent identities.

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