$$P_{n+1}^2 + P_n^2 = P_{2n+1} = c_n .$$

Also, the smaller leg is

$$\sum_{m=1}^{2n} P_m = a_n \text{ or } b_n .$$

Except for the lowest nontrivial value 3, the values for both legs are obviously composite numbers.

[Continued from p. 379.]

TABLE 2

$$f_1 = e_1 \qquad f_2 = e_2 \qquad f_3 = e_1e_2 - e_3$$

$$f_4 = e_3 - e_1e_2 - e_1e_3 + e_4 + e_2\binom{-e_1}{2} \qquad f_5 = -e_1e_2 + e_3 - e_2e_3 + e_5 + e_1\binom{-e_2}{2}$$

$$f_6 = e_1e_2 - e_3 + 2e_1e_3 - 2e_4 - 2e_2\binom{-e_1}{2} + e_1e_4 - e_6 - e_2\binom{-e_1}{3} - e_3\binom{-e_1}{2}$$

$$f_7 = e_1e_2 - e_3 + e_1e_3 - e_4 - e_2\binom{-e_1}{2} + e_2e_3 - e_5 - e_1\binom{-e_2}{2} + e_1e_5 - e_7 + e_2e_4 - e_1e_2e_3 + \binom{-e_1}{2}\binom{-e_2}{2}$$

$$f_8 = e_1e_2 - e_3 + 2e_2e_3 - 2e_5 - 2e_1\binom{-e_2}{2} + e_2e_5 - e_8 - e_3\binom{-e_2}{2} - e_1\binom{-e_2}{3}$$

TABLE 3

$$h_1 = e_2 \qquad h_2 = e_1 \qquad h_3 = e_1e_2 - e_3$$

$$h_4 = -e_5 + e_1\binom{e_2}{2} \qquad h_5 = -e_4 + e_2\binom{e_1}{2} \qquad h_6 = -e_8 + e_1\binom{e_2}{3}$$

$$h_7 = -e_7 + \binom{e_1}{2}\binom{e_2}{2} \qquad h_8 = -e_6 + e_2\binom{e_1}{3}$$