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Neil J.A. Sloane, AT&T Bell Laboraties, Room 2C-376 600 Mountain Avenue, Murray Hill, New Jersey 07974.

Dear Neil,

Sorry to keep harassing you, but the enclosed article,

Tony Crilly, Double sequences of positive integers, Math. Gaz. 69 no.450 (Dec. 1985) 263-271,

caught my eye. None of the sequences are in Sloane! (except for the one near the top of p.271 which is alternate Fibs, No.569). Here are more values for you:

(1)1 2 3 7 11 26 41 97 153 362 571 1351 2131 5042 7953 18817 29681 ...

(1 2) 1 3 2 7 5 18 13 47 34 123 89 322 233 .... A 52 47

which are alternate Fibs and something (Sloane 569 & ?) and we now see that the first sequence is alternate Pell & something else (Sloane 700 & 1160). Alternate members of the first, fc

... 18 7 3 2 3 7 18 47 123 322 843 2207....

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don't seem to be in Sloane (1) 2 3 7 18 47 ... ?

I also tried putting the determinant equal to  $(-1)^{n+1}$  and  $(-1)^n$ . The former gives Fibs, the latter the natural numbers interspersed with ones. I have suggested to Crilly that he try  $(-1)^n_P$ .

Best wishes,

Yours sincerely,

Richard K. Guy.

RKG:jw

encl: article