(Fai)

## HERMAN P. ROBINSON

31 DIABLO CIRCLE LAFAYETTE, CA 94549 (415) 283-1861

7 October 1976

Dear Neil,

My last letter to you is dated last November, so it seems about time I wrote something. I have a note attached to that letter noting two sequences which you probably also saw: "A partition Function for the Integer Coefficient of the Theta Function Nome (?)", Ferguson, Nielson, and Cook; MOC July 1975, v. 29 p. 852-3. Two sequences: 1, -2, 5, -10, 18, -32, 55, -90, ..., and 1, 2, 15, 150, 1707, 20910, ... Fred Gruenberger has sequences every now and then in Popular Computing, which you probably see also.

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The past year has been both good and bad for me. The good news is that I married in June a girl I've known for 33 years. Esther has retired from a teaching position (retarded readers), and so can attend to my every need! We are leaving next week for a tour of New Zealand, Australia and Hawaii, mainly in the hope of seeing the total eclipse of the sum in Melbourne on the 23rd. I've been lucky in seeing three out of three in the past, and hope we'll be as lucky on this one. A friend who lived there for a considerable time says October in Australia is cold and rainy. Not very encouraging.

The bad event occurred in April. Esther and I were riding on a huge roller coaster south of here, and I tried to take a picture on the ride. It was so violent in vibration that my head was shaken badly, and when I got off, I had a bad headache. By early May I was in the hospital and received brain surgeries on three different days to remove a large blood clot, and stop the further development. I came out of that with the left side of my head caved in, and a severe damage to the speech center. The Doc says the memory was not affected, but I'm not sure. Anyway, I'm improving slowly. It is interesting that my mathematical interest and ability were not badly retarded. It seems the major receptors of the brain for this are on the right side, and my left side took the beating. (My son-in-law says he thinks the doctor forgot to put back all my marbles). I've now given up roller coasters.

I've now improved my programs for the Wang so that most of the calculations are carried to 60S, and are generally reliable to 55S or better. The calculation time is longer than before, but the greater ease of programming a problem makes up for the loss.

And finally, have a Happy Birthday.

Sincerely,

Herman