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COMPUTER SCIENCE DEPARTMENT
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
LOS ANGELES, CALIFORNIA   90024

July 31, 1975

Dr. N.J.A. Sloane
Bell Telephone Laboratories
Murray Hill, NJ   07971

Dear Noel:

Sorry for not answering sooner.

Enclosed is a run confirming Church's value IU(7) using Lunnon's method. A few additional comments are written on it. He may have run his program twice but the real problem is having something to check your method against. In the present case, running L's method and getting Church's value is convincing enough.

Had I gotten a 3rd value, I would have used 2 new methods to compute IU(n). I'm using one of these to go after IU(8) which I hope to have for the Handbook by the end of the summer, along with a few other extensions of sequences relating to monotone functions.

More as it develops. Best to all.

Sincerely,

Michael M. Krieger
Assistant Professor
Computer Science

MK/jg

Enclosure