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Dear Corby:

I have just received a copy of the (machine language) program for Laning and Zierler's 1954 compiler, and I plan to study it to see what parsing techniques they used, etc.

Stanford's library doesn't seem to have any material about the Whirlwind machine language, except some external things about the number of bits per instruction and the number of memory words and registers, etc. I can probably figure out the machine language given this long program, but it would be much easier if I had a manual.

I found references to two early reports of the MIT Digital Computer Lab:

- Short guide to coding and Whirlwind I Operation Code
- Programming for Whirlwind I

If you can send me copies of either or both of these they will be much appreciated. Thanks for any help you can provide.

Cordially,

Donald E. Knuth
Professor

DEK/pw