

STANFORD UNIVERSITY SCHOOL OF MEDICINE

STANFORD MEDICAL CENTER
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DEPARTMENT OF GENETICS

April 8, 1965

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Dr. Eugene Garfield
Institute for Scientific Information
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Dear Gene:

Perhaps this was already mentioned in your proposal, but I wonder if in your thinking about working with Wiswesser's code if you had contemplated writing a program to translate from those codes into some abstract form like a connection table. An algorithm to do this would, of course, be quite essential to establish an interface between any of a variety of possible representations that different systems may set up. Doing this would of course be a generally interesting challenge and certainly much more so than any simple routine in coding procedure.

There are probably some few ambiguities in Wiswesser's original manual. For example, in finding the canonical node complex cycle; and it might be rather important to get in touch with Wiswesser or with Elbert Smith for their updating of the system. Smith has been working on this quite extensively and mentioned that he is preparing a revision of the manual which has quite a few new features in it. Since he is living in San Francisco you might want to plan to visit him during your trip out here. His address and phone number are: 1931 Golden Gate Avenue, 567-0489.

We have gone a little ways toward the programming of DENDRAL and you will, I think, be interested to see some demonstrations of scope displays from DENDRAL codes. Meantime, I enclose a charter output which illustrates an interpreter program to much the same purpose. By the time you are here we may or may not have another refinement, namely to fill in the missing hydrogens which are only implicit in the DENDRAL codes.

to R. Garfield
on →
4/28/65 - "An Essential Problem Statement
for a Machine Induction
Research Project"
Let me know if you need more copies of the enclosed reprint, etc.

Until we see you,


Joshua Lederberg
Professor of Genetics

JL:lj
Enc. (2)

LT. J. P. KENNEDY, JR., LABORATORIES FOR MOLECULAR MEDICINE, DEDICATED TO RESEARCH IN MENTAL RETARDATION

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