STANFORD UNIVERSITY SCHOOL OF MEDICINE STANFORD MEDICAL CENTER PALO ALTO, CALIFORNIA 94304

plate

Area Code 415 321-1200

HOFFMAN

DEPARTMENT OF GENETICS

September 2, 1965

Professor Roald Hoffmann Assoc. Prof. of Chemistry Department of Chemistry Cornell University Ithaca, New York

Dear Professor Hoffmann:

Thank you for your very interesting letter, and for picking up ACCC. This appears in some earlier listings and we must have just dropped a card at some sorting before the tables were lined up. I hope there are not too many bugs -- they are more likely to appear in the gauche sets, (which I may be subconsciously rejecting.)

The non Hamiltonian graphs are coded as splicings of two (or more) circuits. The appropriate edges must be signified. See attached. No attempt has been made to scan the nonplanar, nonpolygonal graphs.

I would be delighted to hear how you came out in your synthesis. Are you thinking of building any gauche forms?

Do you have some use for the complete set of graphs including trees and complexes? If so and you can describe the domain in graph terms, I could easily generate the set and would be glad to.

Sincerely yours,

Joshua Lederberg Professor of Genetics

JL:eif

P.S. Did you recognize the truncated tetrahedron as BFBFBB?

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