

OPEN PROBLEMS IN MATHEMATICAL CHEMISTRY

A CONJECTURE ON BENZENOID GRAPHS

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To our knowledge, no proof or counterexample has been proposed for the following conjecture:

There are no isospectral benzenoid graphs.

Note: Solutions to this and other problems published in this series should be addressed to Professor P.G. Mezey. It is anticipated that valid solutions to problems appearing in this series will be published in future issues of the Journal of Mathematical Chemistry.