

# GENEALOGY DATABASE ENTRY

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Hoffmann, Roald

1937 -

DEGREE: PhD

DATE: 1962

PLACE: Harvard

TEACHER/RESEARCH ADVISOR: Lipscomb/Gouterman

Nobel Prize in 1981 for the application of extended Hückel methods to understanding the structures and reactivities of organic and organometallic compounds, the development (with Woodward) of symmetry rules for predicting the products of cyclic rearrangements and cycloaddition reactions from considerations of the electronic structures of the transition states.

1. Personal communication (15Sept93).
2. *Les Prix Nobel en 1981*; P. A. Norstedt & Soener: 1982; p169-172.
3. *Chem. Eng. News* **1981**, 59(43), 6-7.
4. *Nobel Laureates in Chemistry 1901-1992*; James, L. K., Ed.; American Chemical Society: 1993; p648-653.