

GENEALOGY DATABASE ENTRY

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Taube, Henry

1915 -

DEGREE: PhD

DATE: 1940

PLACE: Berkeley

TEACHER/RESEARCH ADVISOR: Bray

Nobel Prize in 1983 for studies of electron transfer and ligand substitution reactions of transition metal compounds, and their correlations with electronic structure; developed the concepts of kinetically inert metal ions and inner vs. outer sphere electron transfer mechanisms; synthesized the first bridging dinitrogen complex; first to determine the hydration numbers of aqueous metal cations; carried out some of the first systematic studies of discrete mixed-valence molecules (e.g., the Creutz-Taube ion).

1. *Les Prix Nobel en 1983*; P. A. Norstedt & Soener: 1983; p147.
2. *Prog. Inorg. Chem.* **1983**, 30, v-vii.
3. *Science* **1983**, 222, 986-987.
4. *Science* **1984**, 226, 1028-1036.
5. *Nobel Laureates in Chemistry*; James, L. K., Ed.; Am. Chem. Soc.: 1993; p660-666.