

GENEALOGY DATABASE ENTRY

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Sturdivant, James Holmes

1906 - 1972

DEGREE: PhD

DATE: 1930

PLACE: CalTech

TEACHER/RESEARCH ADVISOR: Pauling

created X-ray instrumentation necessary to probe for atomic position in crystals of a wide variety of chemical and biological materials; determined crystal structures of brookite, PtMe_3Cl , and cerium metal; developed X-ray diffraction methods to determine the structures of complex ions in solution.

1. Personal communication, L. Pauling (28Jul93).
2. *Eng. Sci.* **1972**, (*May*), 29.