

GENEALOGY DATABASE ENTRY

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Freed, Simon

1898 - 1994

DEGREE: PhD

DATE: 1927

PLACE: Berkeley

TEACHER/RESEARCH ADVISOR: Lewis

investigated the magnetic susceptibilities and electronic spectra of lanthanide complexes and metal ammonia solutions, focusing especially on how they are affected by the symmetry of the ligand fields; investigated the absorption spectrum of chlorophyll as a function of solvent and showed that equilibria were involved; studied signal/noise aspects of chemical and biochemical processes; investigated properties of matter at liquid nitrogen temperatures.

1. Research advisor confirmed by UC Berkeley Alumni Office (**7Dec93**).
2. Death date confirmed by Dept. of Chemistry, Brookhaven National Laboratory (**28Sept95**).