

GENEALOGY DATABASE ENTRY

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Pound, Robert Vivian

1919 -

DEGREE: BA (physics)

DATE: 1941

PLACE: Buffalo

TEACHER/RESEARCH ADVISOR: Hector

used Mossbauer spectroscopy to measure gravitational red shift of photons for the first time; with Purcell, discovered NMR spectroscopy; first to observe electric quadrupole interactions in NMR; carried out first NMR double resonance experiment.

FOOTNOTE: As an undergraduate at Buffalo, Pound worked closely with Hector and was in the middle of a research project initiated by Hector when Pound left in 1941 to begin independent wartime research at the Submarine Signal Company and then at the MIT Radiation Laboratory.

1. Personal communication (29Apr91) - established principal research advisor.
2. *McGraw-Hill Modern Scientists and Engineers*; McGraw-Hill: 1980; vol. 2, p435-436.