

# GENEALOGY DATABASE ENTRY

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Kemble, Edwin Crawford

1889 - 1984

DEGREE: PhD (physics)

DATE: 1917

PLACE: Harvard

TEACHER/RESEARCH ADVISOR: Bridgman

pioneer in quantum theory of molecular motions and band structure; obtained experimental evidence that the angular momentum of molecules is quantized in units of  $\hbar$ ; first to recognize double quantum transitions in vibrational spectra.

1. *McGraw-Hill Modern Scientists and Engineers*; McGraw-Hill: 1980; vol. 2, p160-161.
2. *Am. J. Phys.* **1970**, 38, 675-680.