

One Hundred Years of Alfred Landé's g-Factor

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Abstract

Prompted by the centenary of Alfred Landé's g-factor, we reconstruct Landé's path to his discovery of half-integer angular momentum quantum numbers and of vector coupling of atomic angular momenta - both encapsulated in the g-factor - as well as point to reverberations of Landé's breakthroughs in the work of other pioneers of quantum physics.

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