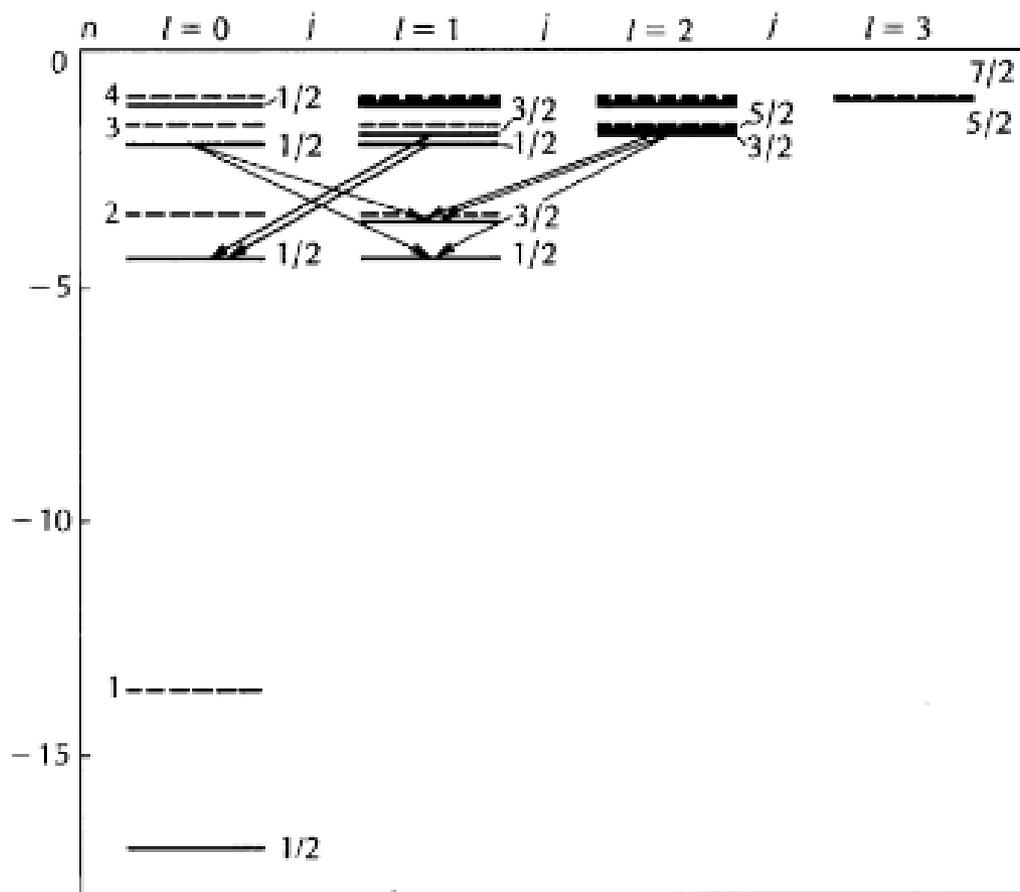


Fine-Structure Corrected Energy Levels of Hydrogen



Introduction to Modern Physics

By John Mogervey



Fig. 5. Energy levels of the hydrogen atom, showing fine structure. Uncorrected levels are shown by dashed lines, corrected levels by solid lines. The energy scale is for the uncorrected levels; the displacement of the corrected levels from the uncorrected levels is exaggerated by a factor of $\alpha^{-2} \approx 19,000$.