

# Errata for The Feynman Lectures on Physics Volume III New Millennium Edition (7th printing)

The errors in this list appear in *The Feynman Lectures on Physics: New Millennium Edition* and earlier editions; errors validated by Caltech will be corrected in future printings of the *New Millennium Edition* or in future editions.

Errors are listed in the order of their appearance in the book. Each listing consists of the errant text followed by a brief description of the error, followed by corrected text.

last updated: 2/23/2017 4:27 AM

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**III:35-11, par 2**

When a proton flips from an upper energy state to a lower one, it will give up the energy  $\mu_z B$  which, as we have seen, is equal to  $\hbar\omega_p$ .

Incorrect statement. The energy of the states is  $\pm\mu_z B$  and the difference is  $2\mu_z B$ .

When a proton flips from an upper energy state to a lower one, it will give up the energy  $2\mu_z B$  which, as we have seen, is equal to  $\hbar\omega_p$ .