

Errata for The Feynman Lectures on Physics Volume I New Millennium Edition (Newly Reported)

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.

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Global changes:

spelling corrections

over-all -> overall

I:42-4, par 1

Therefore, we can easily see that the number that are coming off the surface per second is equal to the unknown reflection coefficient R times the number that would come down to the surface per second were the vapor still there, ...

Inaccurate statement ('1- R ' vs. ' R ').

Therefore, we can easily see that the number that are coming off the surface per second is equal to one minus the unknown reflection coefficient R times the number that would come down to the surface per second were the vapor still there, ...

I:42-4, Eq 42.5

$$N_e = nvR = (vR/V_a)e^{-W/kT}. \quad (42.5)$$

Inaccurate equation ('1- R ' vs. ' R ', see correction for I:42-4, par 1, above)

$$N_e = nv(1 - R) = (v(1 - R)/V_a)e^{-W/kT}. \quad (42.5)$$