

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

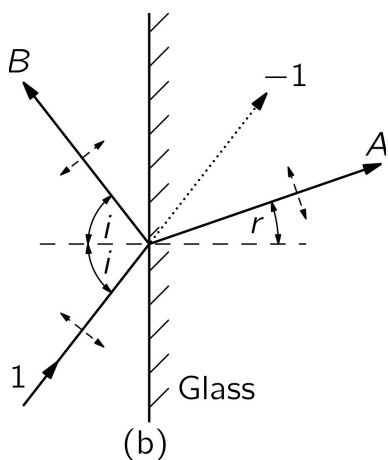
The errors in this list appear in *The Feynman Lectures on Physics: New Millennium Edition* and earlier editions; errors validated by Caltech will be corrected in future printings of the *New Millennium Edition* or in future editions.

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.

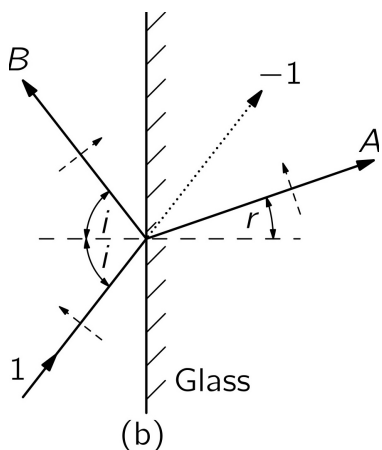
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**I:33-7, Fig 33-6(b)**



Changed to indicate positive direction of electric field for consistency with sign of  $B$  in Eq. (33.8), following Feynman's blackboard figure.



**I:38-6, Eq 38.12**

$$\begin{aligned} a_0 &= \hbar^2 / me^2 = 0.528 \text{ angstrom,} \\ &= 0.528 \times 10^{-10} \text{ meter.} \end{aligned} \tag{38.12}$$

Incorrect value (0.528 vs. 0.529)

$$\begin{aligned} a_0 &= \hbar^2 / me^2 = 0.529 \text{ angstrom,} \\ &= 0.529 \times 10^{-10} \text{ meter.} \end{aligned} \tag{38.12}$$

## Errata for The Feynman Lectures on Physics

### **I:48-8, par 1**

(It is not quite the same as a wave like (48.1) which has a series of maxima, ...

Incorrect reference and punctuation ("(48.1)" vs. "Fig. 48-1,")

(It is not quite the same as a wave like Fig. 48-1, which has a series of maxima, ...