ERRATA AND ADDENDA.

Vol. V., March, 1915, p. 238, article by D. L. Webster, entitled "The Intensities of X-Ray Spectra"; the author adds the following correction:

In the REVIEW for March, 1915, I published an article showing that if the length of a wave train of X-rays is small compared to the distance in which a crystal is uniform enough to give good interference, one might expect the intensities at corresponding points in X-ray spectra to diminish with increasing order somewhat faster than the inverse square. More recently, however, a more detailed examination of the question, by Fourier's series as well as by the method of that paper, has shown that under these circumstances the widths of the reflections should appear proportional to the order. Since, instead of that, the widths appear constant, this hypothesis cannot be correct, and the wave trains must be distinctly longer than the uniform stretches of crystal structure. Undoubtedly the correct explanation of the intensities must be that of Bragg's Bakerian Lecture of 1915, based on the distribution of reflecting electrons in the atom.