

ERRATUM

Neutron powder diffraction study of hydrogarnet to 9.0 GPa,
by George A. Lager and Robert B. Von Dreele (v. 81, 1097–
1104, 1996).

We regret that the printer's error changed a paragraph on page 1101 of this article. The paragraph should read:

A second-order Birch-Murnaghan fit to the unit-cell volumes in Table 1 yields a bulk modulus $K_0 = 52(1)$ GPa for $K'_0 \cong 4.0$. This value is lower than that calculated by Olijnyk et al. (1991) on the basis of energy-dispersive X-ray diffraction data [$K_0 =$

66(4) GPa for $K' = 4.1(5)$]. In the latter study, an average unit-cell parameter at each pressure (5.7–42.3 GPa) was calculated from the positions of four reflections (321, 400, 420, and 521) fit by pure Gaussian profiles. With the assumption that the pressure calibration is comparable in both studies, the K_0 value determined in the present study should be more precise because the whole profile was fit by least-squares methods. However, systematic differences between neutron and X-ray diffraction results are not unusual and, in this case, could be due to a variety of factors, such as H-D isotope effects, deviatoric stress, sample placement, or energy calibration.