ERRATA

UNIFIED GAUGE THEORIES AND THE BARYON NUMBER OF THE UNIVERSE. Motohiko Yoshimura [Phys. Rev. Lett. 41, 281 (1978)].

In the computation of δ of Eq. (10), Feynman diagrams containing triangle loops were omitted. A mistake was made by incorrectly ignoring a finite discontinuity that remains after the vertex renormalization. This correction leads to a conclusion that contributions of massless fermions to the baryon asymmetry vanish to the order of $g^2hh^\dagger f^2$ in the approximation of this paper. This agrees with a recent result of D. Toussaint *et al.* (to be published) based on two-body unitarity. More satisfactory computation, including effects near the unification temperature, will be dealt with in a separate paper. The author should like to thank Dr. J. Arafune, Dr. S. M. Barr, and Dr. S. Weinberg for critical comments.

ANOMALOUS TEMPERATURE DEPENDENCE OF THE ELECTRIC-FIELD GRADIENT AT ^{181}Ta IMPURITIES IN HOLMIUM: INFLUENCE OF HOST 4*f* CRYSTALLINE-FIELD LEVELS. R. L. Rasera, B. D. Dunlap, and G. K. Shenoy [Phys. Rev. Lett. 41, 1188 (1978)].

It has come to the authors' attention that a previous case of deviation from the $T^{3/2}$ law was observed by S. A. Lis and R. A. Naumann in the indium-bismuth system [J. Phys. F 6, 2307 (1977)]. The deviation in this case, involving as it does *s-p* metals, is due to an entirely different mechanism than that proposed in our paper.

INTER-VALENCE-BAND ABSORPTION IN ELECTRON-HOLE DROPLETS. R. N. Silver and C. H. Aldrich [Phys. Rev. Lett. 41, 1249 (1978)].

We have found an error in our computer program which requires Fig. 2 be revised as shown below. The agreement with experiment is now much improved. Also Eq. (4) and the free-particle theory in Fig. 1 should be multiplied by $\sqrt{\epsilon_0}/2$.

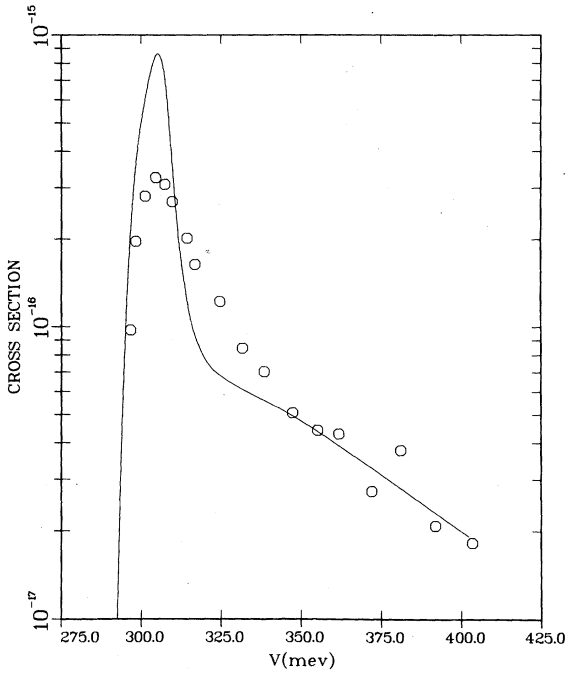

FIG. 2. Circles are the measurements of Ref. 4. The solid line is the cross section calculated in the multiple-scattering RPA of this paper for spherical valence bands. The dashed line is the same as the solid line except for a reduction in screening length to one-half the Thomas-Fermi value.

OPTICALLY DETECTED COHERENT TRANSIENTS IN NUCLEAR HYPERFINE LEVELS. R. M. Shelby, C. S. Yannoni, and R. M. Macfarlane [Phys. Rev. Lett. 41, 1739 (1978)].

The nutation frequencies per unit rf field strength given at the end of page 1740 and the beginning of page 1741 should be interchanged, i.e., 10.8 kHz/G for the 16.7-MHz transition and 13.3 kHz/G for the 8.47-MHz transition. In addition, the numbers on the horizontal scale of Fig. 2(a) should be multiplied by 5. The numbers in the caption to Fig. 2 are correct.