Leavitt, and Dr. D. Willard for their help in the chamber operation.

[1] M. Gell-Mann and A. Pais, Phys. Rev. 97, 1387 (1955).

[2] Blumenfeld, Boldt, Bridge, Caldwell, Leavitt, Pal, Rossi, and Willard (to be published).

[3] The calculation assumes (a) that all the matter in the plates is concentrated at their centers, in order that θ_1^0 and θ_2^0 decays can be treated separately from θ^0 and $\bar{\theta}^0$ interactions; (b) that the plates (1/2-in. iron) are thin enough so that θ_1^0 regeneration can be neglected; (c) that the relative phase difference between θ^0 and $\bar{\theta}^0$ components in passing through matter is small; and (d) that $\tau_1 = 1 \times 10^{-10}$ sec, $\tau_2 = 7 \times 10^{-8}$ sec, and the mean free paths in iron for interactions which would eliminate θ^0's and $\bar{\theta}^0$'s from observation are 1000 and 100 g/cm^2, respectively. Calculations indicate that errors arising from these assumptions are unimportant compared to the statistical errors.

[4] We calculate that we should see such a hyperon 38% of the time, and therefore this consistency tends to confirm that our events are indeed $\bar{\theta}^0$ interactions.

[5] We wish to thank Dr. Henry Blumenfeld and Dr. Theodore Bowen for supplying the necessary information.

[6] A similar method has been suggested independently by W. F. Fry and R. G. Sachs, Phys. Rev. 109, 2212 (1958).

[7] Boldt, Caldwell, and Pal, preceding Letter [Phys. Rev. Lett. 1, 148 (1958)].

ERRATA

ORIENTATION OF RUBIDIUM ATOMS BY SPIN EXCHANGE WITH OPTICALLY PUMPED SODIUM ATOMS. R. Novick and H. E. Peters [Phys. Rev. Lett. 1, 54 (1958)].

The following footnotes were omitted:

[4] E. M. Purcell and G. B. Field, Astrophys. J. 124, 542 (1958).

[5] G. Herzberg, Molecular Spectra and Molecular Structure (D. Van Nostrand Company, Inc., New York, 1955). The equilibrium radius of NaRb was estimated, from Morse's rule and from a consideration of covalent radii, to be 3.6×10^{-8} cm.

SPIN EXCHANGE IN SUPERCONDUCTORS. B. T. Matthias, H. Suhl and E. Corenzwit [Phys. Rev. Lett. 1, 92 (1958)].

Reference 3 should be omitted and replaced by a footnote after the paragraph that ends: "...; this occurs in the pure metal at low temperature or under pressure." The footnote should read:

C. Herring has suggested that the exchange interaction of the solute atoms with the spins of the conduction electrons should lower the energy of the normal state more than that of the superconducting state. This mechanism seems to account for the observed features qualitatively, and also gives the right order of magnitude of the effect.