

continuously. Moreover, from the MZ calculation, T_K would then have to attain a value $\sim 10^6$ °K to account for the observed reduction of ΔT_c at pressures ≥ 100 kbar, which seems quite unphysical. So far in our discussion we have neglected the possibility of anoma-

lous behavior of $N(0)$ under pressure, which cannot be completely ruled out.

Discussions with Professor B. T. Matthias, Dr. D. Wohlleben, and Dr. E. Müller-Hartmann are gratefully acknowledged.

* Research sponsored by the Air Force Office of Scientific Research, Office of Aerospace Research, U.S. Air Force, under Grant No. AF-AFOSR-631-67-A.

¹M. B. Maple and K. S. Kim, Phys. Rev. Letters **23**, 118 (1969).

²M. B. Maple, J. Wittig, and K. S. Kim, Phys. Rev. Letters **23**, 1375 (1969).

³J. Friedel, Nuovo Cimento Suppl. **7**, 287 (1958); P. W. Anderson, Phys. Rev. **124**, 41 (1961).

⁴E. Müller-Hartmann and J. Zittartz, Z. Physik **234**, 58 (1970).

⁵M. J. Zuckermann, Phys. Rev. **168**, 390 (1968).

⁶K. S. Kim, Rev. Sci. Instr. **41**, 1102 (1970).

⁷T. Sugawara and H. Eguchi, J. Phys. Soc. Japan **21**, 725 (1966).

⁸H. Suhl and D. Wong, Physics **3**, 17 (1967).

⁹A. A. Abrikosov, Physics **2**, 5 (1965).

¹⁰J. Kondo, Progr. Theoret. Physics (Kyoto) **32**, 37 (1964).

¹¹A. A. Abrikosov and L. P. Gor'kov, Zh. Eksperim. i. Teor. Fiz. **39**, 1781 (1960) [Soviet Phys. JETP **12**, 1243 (1961)].

¹²K. Andres, Phys. Rev. **168**, 708 (1968).

¹³T. Sugawara and H. Eguchi, J. Phys. Soc. Japan **26**, 1322 (1969).

¹⁴D. L. Johnson and D. K. Finnemore, Phys. Rev. **158**, 376 (1967).

¹⁵This value is obtained from the free-electron model. A recent band-structure calculation for fcc La by H. W. Myron and S. H. Liu [Phys. Rev. B **1**, 2414 (1970)] gives a value very close to this.

¹⁶R. M. More [Ph.D. thesis, University of California, San Diego, 1968 (unpublished)] has simplified the result of Suhl and Wong (Ref. 8) by replacing the finite range interactions with δ -function interactions. The result is

$$R_V \sim \frac{2\pi V}{1 + \pi^2 V^2},$$

$$R_J \sim 1 - \frac{1 - \pi^2 V^2}{1 + \pi^2 V^2} \frac{\ln(T/T_K)}{[\ln^2(T/T_K) + 4\pi^2 S(S+1)]^{1/2}}.$$

Erratum

Evaluation of the Partition Functions for Some Two-Dimensional Ferroelectric Models, M. L. GLASSER, [Phys. Rev. **284**, 359 (1969)].

- (1) On the right-hand side of Eq. (13), λ should be replaced by λ^{-1} .
- (2) In Eq. (14) the argument of the logarithm should be

$$\Gamma(\alpha\beta/2\pi + \frac{3}{4}) \Gamma(\alpha\gamma/2\pi + \frac{1}{4}) / [\Gamma(\alpha\gamma/2\pi + \frac{3}{4}) \Gamma(\alpha\beta/2\pi + \frac{1}{4})].$$

- (3) To Eq. (23) add $= \ln | (2\mu/\pi) \cot(\pi^2/2\mu) \csc \mu |$.
- (4) The right-hand side of Eq. (24) should read

$$(\frac{1}{8}\mu) I(\pi/2\mu, 3\mu, 5\mu).$$

- (5) Equation (27) should read

$$z(0) = \ln | (2\mu/\pi) \cot \mu \cot(\pi^2/2\mu) |.$$

I wish to thank Dr. D. B. Abraham for pointing out the above simple form for Eq. (27).