
ERRATA

Superconducting Double Transition in a Heavy-Fermion Material UPt₃
[Phys. Rev. Lett. 66, 3293 (1991)]

Kazushige Machida and Masa-aki Ozaki

We have made an error of the sign in (5) which should be plus instead of minus. We must take into account a term due to the anisotropic susceptibility χ_a in addition to the isotropic counterpart in (5). The former gives rise to the free energy of a form $\chi_a H^2(2|\eta_x|^2 - |\eta_y|^2 - |\eta_z|^2)$ which should arise because the antiferromagnetism breaks the isotropy of spin space. This additional term together with (5) makes all the obtained results essentially unchanged, in particular, the isotropy of the phase diagram. An important outcome of this correction is the following: We no longer need the assumption that \mathbf{M} rotates under \mathbf{H} in the basal plane. For details see the paper by M. Ozaki and K. Machida, J. Phys. Soc. Jpn. (to be published). We thank V. P. Mineev for pointing out this error and T. Ohmi for useful discussion.

Asymptotic Estimate of the n -Loop QCD Contribution to the Total e^+e^-
Annihilation Cross Section
[Phys. Rev. Lett. 67, 1388 (1991)]

Geoffrey B. West

There are three unfortunate typographical errors which were generated in transmitting the manuscript to publication: (i) The line above Eq. (6) should read, " $\beta(g) \approx -g^3(b_1 + b_2g^2 + \dots)$ so." (ii) On the fourth line above Eq. (20), c^2 should read c^3 . (iii) Equation (22) should read,

$$r_n(1) \approx -\frac{e^{1+b'}}{\pi} (4\pi^2 e b_1)^{n-1} \frac{\Gamma(n+b')}{(n+b')^2}. \quad (22)$$

Tunneling and Superconductivity of Strongly Repulsive Electrons
[Phys. Rev. Lett. 67, 2379 (1991)]

Frédéric Mila and Elihu Abrahams

Our Letter discussed a type of "odd" superconductive pairing in which the energy-gap function is odd in $k - k_F$. In 1964, Cohen [1] proposed a coherent state having an energy-gap parameter identical to the toy example of odd pairing in Eq. (5) of our Letter. In the same year, Nakajima [2] showed that that state is a gapless superconductor and he discussed its thermodynamics, Meissner effect, Ginzburg-Landau theory, tunneling, and effect of impurity scattering. Thus, although our main interest lies in the solutions that do not lead to gapless superconductivity, some of the discussion in our Letter is already contained in Nakajima's paper. Unfortunately, we were not aware of these works before our Letter was published.

The terms following the minus sign on the right-hand side of the form $V(\epsilon - \epsilon') = -(d\Delta/d\epsilon)(\epsilon - \epsilon')$, which follows Eq. (10), should be enclosed in absolute-value signs. In addition, the second term on the right-hand side of Eq. (4) should be multiplied by $\frac{1}{2}$.

[1] M. H. Cohen, Phys. Rev. Lett. **12**, 664 (1964).[2] S. Nakajima, Prog. Theor. Phys. **32**, 871 (1964).