Erratum

Interactions between a $3d$ Impurity and Conduction Electrons

by L. L. Hirst

Z. Physik **244**, 230–244 (1971)

In Table 2, the entries involving $T_2T_1T_2$ or $T_1T_1T_1$ should have their signs reversed. As a consequence, the entries for (t_2eT_10) under $3d^2$ and $3d^7$ in Table 3 should have their signs reversed.

L. L. Hirst
Institut Max von Laue-Paul Langevin
Außenstelle Garching
Reaktorgelände
D-8046 Garching bei München
Federal Republic of Germany

Erratum

Effects of Pauli Paramagnetism on Superconducting Fluctuations

by Koya Aoi

Z. Physik **246**, 71–83 (1971)

Eq. (29) should read

$$\sigma^{\mathrm{fl}}=\frac{eT}{4\pi dD}\frac{f(\rho)}{\Delta H}\left[\cos\alpha+\frac{1}{3}H_c e(d\sin\alpha)^2-\frac{\mu_B}{eD}\frac{\mathrm{Im}\,\psi^{(1)}(\gamma)}{\mathrm{Re}\,\psi^{(1)}(\gamma)}\right]^{-1}.$$

By examining the quantity in the square braket of the above expression we concluded in the paper that for a given ΔH, σ^{fl} becomes the maximum for $\alpha=90°$ in the absence of Pauli paramagnetism. However it was found later by numerical calculations that $f(\rho)$ is strongly angular dependent and σ^{fl} becomes the maximum for $\alpha=\alpha_0(\simeq 80°\sim 89°$ depending on sample parameters) regardless of whether the Pauli paramagnetism is limiting $H_c(T,\alpha)$ or not.

Dr. Koya Aoi
Freie Universität Berlin
Institut für Theoretische Physik
D-1000 Berlin 33, Arnimallee 3
Germany