

Errata

Integral Representation of a Double Commutator,

FREEMAN J. DYSON [Phys. Rev. **111**, 1717 (1958)]. The main result of this paper [Eq. (6)] is incorrect. While the proof up to and including Eq. (17) is correct, the final step from Eq. (17) to (6) requires an unjustifiable inversion of orders of integration. I am grateful to Dr. Oehme, Dr. Araki, and Dr. Symanzik for detecting this error.

Application of the Diffusion-Modified Bloch Equation to Electron Spin Resonance in Ordinary and Ferromagnetic Metals,

JEROME I. KAPLAN [Phys. Rev. **115**, 575 (1959)]. It has been brought to the author's attention that the problem of electron spin resonance in metals at high rf fields, which was spoken of in the author's article as an unsolved problem amenable to solution by his formalism, has

been solved by Azbel, Gerasimenko, and Lifshitz,¹ using a different formalism.

¹M. Azbel, V. Gerasimenko, and I. Lifshitz, J. Exptl. Theoret. Phys. U.S.S.R. **35**, 691 (1958) [translation: Soviet Phys.-JETP **35**(8), 480 (1959)].

Formal Theory of Scattering in Quantum Field Theory,

SMIO TANI [Phys. Rev. **115**, 711 (1959)]. The properties of $F^{(0)}$ with respect to the Lorentz transformation are not stated adequately. On the fourth line from the end of the abstract, "This exponent has a Lorentz invariant representation" should be deleted. On p. 712, first line, "the transformation function" should be replaced by "the S matrix." In Sec. 7, on p. 717, the first paragraph should be replaced by "As for the Lorentz covariance of the formulation discussed so far, we can show that the energy-conserving part of $F^{(0)}$, namely the phase matrix, is Lorentz invariant when we deal with a covariant field theory. In this connection we would like to point out the close relationship of $F^{(0)}$ with the Lagrangian function." On p. 718, Eq. (8.1'), in the last line, "X" should be replaced by "+".