ERRATA

Acceleration of Electrons by the Interaction of a Bunched Electron Beam with a Plasma. PISIN CHEN, J. M. DAWSON, ROBERT W. HUFF, and T. KATSOULEAS [Phys. Rev. Lett. **54**, 693 (1985)].

Equation (5) should read

$$\phi_1(\rho,\zeta)=Q\sum\left\{-(1/|\mathbf{x}-\mathbf{x}_i|)+k_p\int_\zeta^\infty d\zeta'\sin k_p(\zeta'-\zeta)/|\mathbf{x}'-\mathbf{x}_i'|\right\}. \tag{5}$$

The paragraph starting on line 14 on p. 694 is incorrect and should be replaced by the following:

"We are interested in the wake field trailing behind the N bunches on the z axis. However, the integral in Eq. (5) includes $\zeta=0$ and therefore is logarithmically divergent when $\rho=0$. This is certainly unphysical. The origin of this symptom is due to the lack of any thermal effects in our cold-fluid model. Thus Eq. (5) is not applicable to the region within a Debye length from the axis. When we bear this in mind, Eq. (5) reads

$$\phi_1(\rho,\zeta)=\frac{2\pi Q}{\lambda_p}\sum\left\{-\frac{1}{k_p\{\rho^2+[(N-i)d-\zeta]^2\}^{1/2}}+\int_\zeta^\infty d\zeta'\frac{\sin k_p(\zeta'-\zeta)}{\{\rho^2+[(N-i)d-\zeta']^2\}^{1/2}}\right\}, \tag{7}$$

where $\lambda_p=2\pi/k_p$. By the same token the vector potential in Eq. (6) is not applicable to the region within a Debye length behind the plane $\zeta=0$ and

$$A_{1z}(\rho,\zeta)=-\frac{2\pi\beta_0 Q}{\lambda_p}\sum\int_0^{2\pi}\frac{d\theta}{2\pi}\int_0^\infty\rho'\,d\rho'\,K_0(\beta_0k_p(\rho^2+\rho'^2-2\rho\rho'\cos\theta)^{1/2})$$
$$\times\frac{\partial^2}{\partial\rho'^2}\frac{1}{k_p\{\rho'^2+[(N-i)d-\zeta]^2\}^{1/2}}, \tag{8}$$

where K_0 is the modified Bessel function of order zero. Plots of ϕ_1 and A_{1z} as functions of $|\zeta|$ evaluated at $\rho=c/\omega_p$ are shown in Fig. 1, where $N=5$ and $d=\lambda_p$."

Equation (9) should read

$$\epsilon=-eE_{1z}\simeq 16\pi^2eQ/\lambda_p^2. \tag{9}$$

In the fourth line below Eq. (9), the number of particles should be $q\simeq 2.5\times10^{10}$. In the last line of the same paragraph, L should be $<0.37\gamma_0$ cm.

Orientational Order in Liquids: A Possible Scenario of Freezing. S. DATTAGUPTA and L. A. TURSKI [Phys. Rev. Lett. **54**, 2359 (1985)].

On page 2359, immediately above Eq. (1), "Wiger rotation matrices" should be replaced by "Wigner rotation matrices."

On pages 2361 and 2362, all references in the text to Ref. 20 should be replaced by Ref. 21.

On page 2361, in Eq. (12), the numerator and denominator in the bracketed term should be interchanged and the term should read $(1-\alpha T_f/T)^{-1}$.

On page 2362, in Ref. 22, the last entry should read "A. D. J. Haymet, Phys. Rev. Lett. **52**, 1013 (1984)."