CORRECTIONS

F. Greco: Model Predictions of Small-Angle Light Scattering from Films of Nematic Liquid Crystalline Polymers. Volume 22, Number 12, December 1989, p 4625.

In eq 5.1, the limits of the innermost integrals are incorrect. The range of integration should go from $-\infty$ to $+\infty$, not from 0 to $+\infty$. Thus, the correct definition of the functions I_{CC} and I_{SS} (see eqs 5.4 and 6.2) is

$$I_{CC} = \int_{\pi/2}^{\pi} du \int_{-\infty}^{+\infty} dv \, I^2(u,v) \cos u \cos f$$

$$I_{SS} = \int_{\pi/2}^{\pi} du \int_{-\infty}^{+\infty} dv \, I^2(u,v) \sin u \sin f$$

This correction lowers maxima in Figures 6 and 8; i.e., these maxima, albeit remaining in the right position, become much less pronounced than reported in those figures. The other qualitative features of the solution stay unaltered, however; specifically, it still holds true that an increase of the distance between disclinations leads to a reduction of the pattern size.

R. M. Conforti, T. A. Barbari,* P. Vimalchand, and M. D. Donohue: A Lattice-Based Activity Coefficient Model for Gas Sorption in Glassy Polymers. Volume 24, Number 11, May 27, 1991, p 3388.

Equations 20 and 21 should read

$$\frac{\Delta G_{mix}}{kT} = N_g \ln \frac{N_g}{N_g + N_h} + N_h \ln \frac{N_h}{N_g + N_h} -$$
$$N_g' \ln \frac{N_g'}{N_g' + N_h'} - N_h' \ln \frac{N_h'}{N_g' + N_h'} + \psi \frac{N_g N_r}{N_g + N_r + N_h} +$$
$$\frac{PV_s}{kT}(N_T - N_T^0 - N_T') \quad (20)$$

where

$$\psi = \frac{z}{2kT}(2\Gamma_{rg} - \alpha\Gamma_{gg} - \beta\Gamma_{rr}) \quad (21)$$