CORRECTIONS

C. Burger, W. Ruland,* and A. N. Semenov: Polydispersity Effects on the Microphase Separation in Block Copolymers. Volume 23, Number 13, June 25, 1990, pp 3344 and 3345.

Due to an error in the computation of the parameter $\Gamma_4(0,0)$ for nonzero values of the polydispersity, the plots shown in Figures 10, 12, and 13 and some numerical values given in the corresponding captions have to be corrected.

The corrections affect neither the equations nor the conclusions given in the paper.

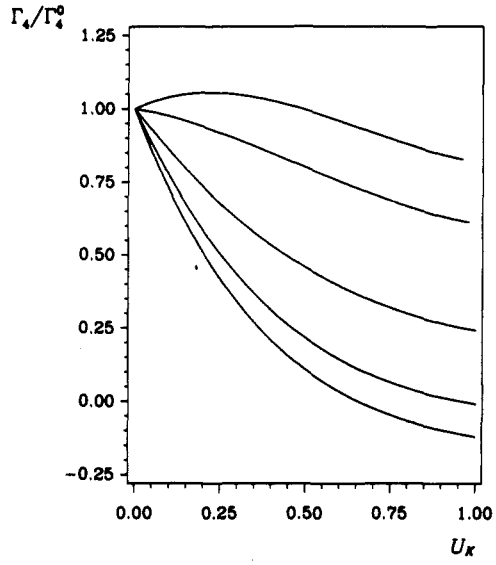

Figure 10. Original caption is correct.

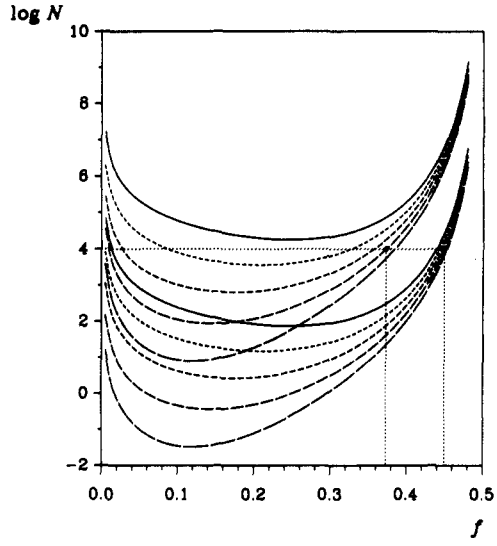

Figure 12. Corrected caption: Limits of the transition windows from the disordered phase to the lamellar phase (lower family of curves) and to the hexagonal phase (upper family of curves) as a function of N and f for one-component systems. Within a given family of curves, U_K varies from 0 (upper curve) to 0.4 (lower curve) in steps of 0.1, independent variances of N_K, $U_A = U_B$. Example of evaluation: For $N = 10^4$ and $U_K = 0.3$, the lower limit of the window of the transition from the disordered phase to the lamellar phase is $f = 0.450$; the window of the transition from the disordered phase to the hexagonal phase extends from $f = 0.373$ to $f = 0.450$.

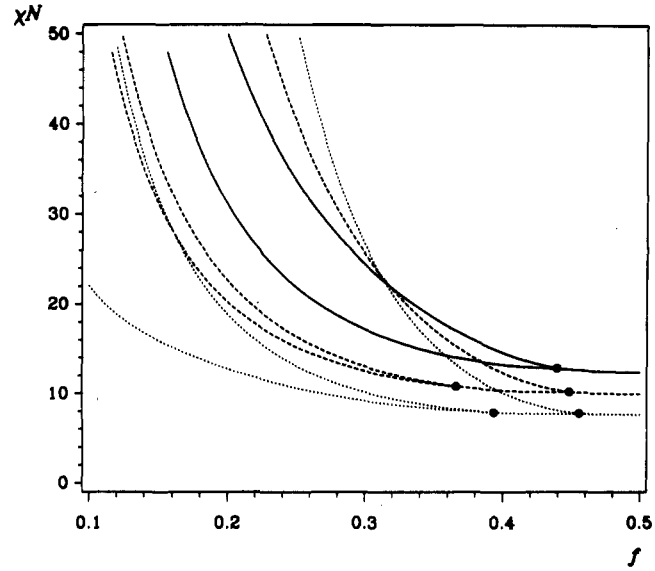

Figure 13. Corrected caption: Phase diagrams χN vs f for $N = 10^4$, polydispersities $U = 0$ (solid lines), $U_K = 0.25$ (dashed lines), and $U_K = 0.5$ (dotted lines), independent variances of N_K, $U_A = U_B$. Triple points are marked with circles. The only triple point present for $U = 0$, hex/lam/dis, is located at $f = 0.439$ and $\chi N = 12.85$. The diagrams for $U_K = 0.25$ and $U_K = 0.5$ show two triple points with the coordinates $f = 0.366$, $\chi N = 10.81$ and $f = 0.394$, $\chi N = 7.898$, respectively, for bcc/hex/dis, and $f = 0.448$, $\chi N = 10.19$ and $f = 0.456$, $\chi N = 7.774$, respectively, for hex/lam/dis.

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