

Correction for Phase Behavior of Tapered Diblock Copolymers from Self-Consistent Field Theory

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Due to a production error, several author requested corrections to the text of the original published paper were not completed. Some typographical edits have been made throughout the paper. In addition, the seventh paragraph of the Letter has been changed to read as “We used self-consistent field theory (SCFT) with a multiblock model of the taper to obtain phase diagrams and density profiles, and we applied the Random Phase Approximation (RPA) to find spinodal curves using both the multiblock model and an exactly linear taper, as described in Methods. Figure 2 shows the critical point as a function of taper size for both the normal and inverse tapered cases from the RPA (both linear and multiblock model) and SCFT (multiblock model). Notice that despite the relatively coarse multiblock model for the taper there is little disagreement between the RPA critical points for the exactly linear and coarser models. The maximum error is 5%, which occurs for large inverse tapers. The SCFT results lie nearly on top of the RPA results, although there is a small (<1%) error due to the numerical difficulty of finding convergence of an ordered phase near the ODT using SCFT.”

A corrected version of the manuscript is now published on the Web.

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