# ADDITIONS AND CORRECTIONS

2009, Volume 113B

**Dinh Xuan Luu, Eun-Bum Cho, Oc Hee Han, and Dukjoon Kim*:** SAXS and NMR Analysis for the Cast Solvent Effect on sPEEK Membrane Properties

Page 10072. Section 2.3.5, first paragraph should be as follows:

*2.3.5. NMR Analysis.* The solid state $^1$H NMR (nuclear magnetic resonance) spectra of membranes were recorded on a Bruker Avance II 400 spectrometer (Deagu Center, Korea Basic Science Institute, Deagu, Korea) operating at 400.13 MHz for $^1$H using a cross-polarization magic angle spinning probe head. The samples in 4 mm zirconia rotors were spun at 13 kHz, and the spectra were measured with a sweep width of 100 kHz. The pulse length, acquisition time, and recycle delay were 2 $\mu$s corresponding to a 45° flip angle, 1.6 and 4 s, respectively. Sixteen scans were acquired, and the spectra were recorded with the same receiver gain.

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**Jianxiang Tian* and Yuanxing Gui:** Equations of State for Fluids: Empirical Temperature Dependence of the Second Virial Coefficients

Page 10970. Equation 1 on p 10971 reads

$$B_n = \frac{b}{4}\frac{1}{(n-1)!}\left(\frac{\partial^{n-1}z}{\partial y^{n-1}}\right)_{y=0}$$

During our research, we found that this equation must be corrected to be

$$B_n = \left(\frac{b}{4}\right)^{n-1}\frac{1}{(n-1)!}\left(\frac{\partial^{n-1}z}{\partial y^{n-1}}\right)_{y=0}$$

This change does not affect all of the results and discussions in the paper because what we analyzed there is the second virial coefficient $B_2$.

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