Pergamon

Biorheology, Vol. 33, No. 1, pp. 95–96, 1996

0006-355X/96 $15.00 + .00

PII S0006-355X(96)00007-8

ERRATUM

In Dr. E. Fukada's Poiseuille Award Medal Lecture, "Piezoelectricity of biopolymers," which appeared in the last issue of *Biorheology* (Vol. 32, No. 6), we regret that we overlooked some serious typographical errors.

In the *Abstract* (p. 593), the last sentence, "The tensile piezoelectric constant d_{31} = 10 pC/N persisting up to 200° was also observed for aliphatic polyurea films," should read, "The tensile piezoelectric constant d_{31} = 10 pC/N persisting up to 200°C was also observed for poled axomatic polyurea. Ferroelectric hysteresis was also observed for aliphatic polyurea films."

On p. 601, in the last sentence of the page, θ should be changed to ϕ: "The equations for ε, c, e, and d for an entire system are given, where θ is the degree of crystallinity" should read, "The equations for ε, c, e, and d for an entire system are given, where ϕ is the degree of crystallinity." θ should also be changed to ϕ on p. 604 in the last line of the first paragraph following Eq. *(6)*: "θ = 0.3 was assumed" should read "ϕ = 0.3 was assumed."

On p. 601, Eq. *(3)*, $\varepsilon = \varepsilon \dfrac{2\varepsilon_1 + \varepsilon_2 - 2\phi(\varepsilon_1 - \varepsilon_2)}{2\varepsilon_1 + \varepsilon_2 + \phi(\varepsilon_1 + \varepsilon_2)}$, should read:

$$\varepsilon = \varepsilon_1 \frac{2\varepsilon_1 + \varepsilon_2 - 2\phi(\varepsilon_1 - \varepsilon_2)}{2\varepsilon_1 + \varepsilon_2 + \phi(\varepsilon_1 - \varepsilon_2)}.$$

On p. 604, Eqs. *(4)*, *(5)* and *(6)*, $c = c_1 \dfrac{3c_1 + 2c_2 - 3\phi(c_1 - c_2)}{3c_1 + 2c_2 - 2\phi(c_1 - c_2)}$,

$$e = \phi e_2 \frac{5c_1}{3c_1 + 2c_2 + 2\phi(c_1 - c_2)} \frac{3\varepsilon_1}{2\varepsilon_1\varepsilon_2 - \phi(\varepsilon_1 - \varepsilon_2)} \text{ and}$$

$$d = \phi d_2 \frac{5c_2}{3c_1 + 2c_2 - 3\phi(c_1c_2))} \frac{3\varepsilon_1}{2\varepsilon_1 + \varepsilon_2 - \phi(\varepsilon_1 - \varepsilon_2)}, \text{ should read:}$$

$$c = c_1 \frac{3c_1 + 2c_2 - 3\phi(c_1 - c_2)}{3c_1 + 2c_2 + 2\phi(c_1 - c_2)},$$

$$e = \phi e_2 \frac{5c_1}{3c_1 + 2c_2 + 2\phi(c_1 - c_2)} \frac{3\varepsilon_1}{2\varepsilon_1 + \varepsilon_2 - \phi(\varepsilon_1 - \varepsilon_2)} \text{ and}$$

$$d = \phi d_2 \frac{5c_2}{3c_1 + 2c_2 - 3\phi(c_1 - c_2))} \frac{3\varepsilon_1}{2\varepsilon_1 + \varepsilon_2 - \phi(\varepsilon_1 - \varepsilon_2)}.$$

On p. 607, the first sentence of the second-to-last paragraph, "Thin films of polyurea, less than 1 mm, were prepared by a new technique termed vapor deposition polymerization," should read, "Thin films of polyurea, less than 1 μm, were prepared by a new technique termed vapor deposition polymerization."

In *References,* on p. 608, the page numbers for the reference, DATE, M. (1976), which were omitted, should read: 60–66. On p. 609, the following reference was omitted: FURUKAWA, T. and FUKADA, E. (1976). Piezoelectric relaxation in poly (gamma-benzyl-glutamate). *J. Polym. Sci. Phys. 14,* 1979–2110.

The Journal deeply regrets these errors, for which we apologize to the author.