

ERRATA

The following are the corrections in the paper entitled " **Analysis of a Porous Exponential Slider Bearing Lubricated with a Ferrofluid Considering Slip Velocity by Rajesh C.Shah and M.V.Bhat**" published in Vol. XXV, No.3, July-September 2003.

1. Equation (1) should read as

$$-\nabla p + \zeta \nabla^2 \mathbf{q} + \mu_0 (\mathbf{M} \cdot \nabla) \mathbf{H} + \frac{\rho \alpha^2}{2} \nabla \times \left[\frac{\mathbf{M}}{M} \times \{ (\nabla \times \mathbf{q}) \times \mathbf{M} \} \right] = 0 \quad (1)$$

2. Equation (9) should read as

$$\begin{aligned} \frac{d}{dx} \left[\left[\left\{ 12kH^* + \frac{h^3(4+sh) - (3\rho\alpha^2\bar{\mu}ksh^2H)/\zeta}{(1+sh)\left(1 - \frac{\rho\alpha^2\bar{\mu}H}{2\zeta}\right)} \right\} \frac{d}{dx} \left(p - \frac{1}{2} \mu_0 \bar{\mu} H^2 \right) \right] \right] \\ = 6\zeta U \frac{d}{dx} \left[\frac{h(2+sh) - (\rho\alpha^2\bar{\mu}ksH)/\zeta}{1+sh} \right] \end{aligned} \quad (9)$$

3. Equation (11) should read as

$$\begin{aligned} X = \frac{x}{A}, \Psi = \frac{kH^*}{h_1^3}, \bar{h} = \frac{h}{h_1}, \bar{s} = sh_1, \beta^2 = \frac{\rho\alpha^2\bar{\mu}\sqrt{KA}}{2\zeta}, \bar{p} = \frac{h_1^2 p}{\zeta UA}, \\ \mu^* = \frac{\mu_0 \bar{\mu} K A h_1^2}{\zeta U}, \gamma^* = \frac{6k}{h_1^2} \end{aligned} \quad (11)$$