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## Erratum: Nanorheology of viscoelastic shells: Applications to viral capsids [Phys. Rev. E. 77, 031921 (2008)]

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In this paper, the application of equal and opposite forces to the "north" and "south" poles of the sphere modify both the boundary conditions Eqs. (41) and (42). Thus, in addition to Eq. (64) we must have

$$\left[ (\mathbf{r} \cdot \nabla) \left( \frac{\mathbf{r}}{r} \cdot \mathbf{F}_{\text{total}} \right) - r \nabla \cdot \mathbf{F}_{\text{total}} \right]_{r=R} = -R \nabla \cdot \mathbf{F}, \tag{1}$$

with

$$\mathbf{F}_{\text{total}} = \mathbf{F}_{\text{fluid}} + \boldsymbol{\pi}_1(\omega) + \boldsymbol{\pi}_2(\omega). \tag{2}$$

The contribution from the boundary condition above modifies the expressions for the functions  $\Lambda_1$  and  $\Lambda_2$  in Eq. (69). Therefore, Eqs. (D1) and (D2) should be replaced by

$$\Lambda_1(\ell) = \ell(\ell+1) \left[ 6(2\ell+1)\overline{K} + \ell(\ell+1)\overline{\alpha}\overline{K} + (\ell-1)(2+\ell)\overline{\alpha}\overline{\mu} \right] \tag{3}$$

and

$$\Lambda_2(\ell) = -2\ell(\ell+1)(2\ell+1)\bar{\alpha} \tag{4}$$

respectively.

None of these errors affects the conclusions of our paper.