Erratum: Origins of bulk viscosity in relativistic heavy ion collisions [Phys. Rev. C **74, 014901 (2006)]**

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A formula for the contribution to the bulk viscosity from chemical nonequilibrium was incorrectly presented in the original paper. Equation (18) from the paper should have read

$$\begin{aligned}\delta P &= -\frac{\partial P}{\partial n}\bigg|_{\text{fixed } \epsilon} \frac{\partial(n_{\text{eq}}/s)}{\partial s} s^2 \tau_{\text{chem}} \nabla \cdot \mathbf{u}, \\ B &= \frac{\partial P}{\partial n}\bigg|_{\text{fixed } \epsilon} \frac{\partial(n_{\text{eq}}/s)}{\partial s} s^2 \tau_{\text{chem}}.\end{aligned}\tag{18}$$

Correspondingly, the first line of Eq. (25) should have been written as

$$\delta n = -\tau_{\text{chem}} \frac{d(n_{\text{eq}}/s)}{ds} s^2 \nabla \cdot \mathbf{u}.\tag{25}$$

In the original paper the differentials were incorrectly displayed. The term (n_{eq}/s) was missing the factor $1/s$, and outside the derivatives, the expressions should have included an additional factor s .

The error was in the presentation and not in the calculations, so the figures and conclusions are not changed.