Correction

Correction to: Numerical study of non-linear thermal radiative heat transfer in a non-Darcy chemically reactive Casson fluid flow

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$$u \frac{\partial C}{\partial x} + v \frac{\partial C}{\partial y} = D \frac{\partial^2 C}{\partial y^2} + \frac{Dk_T}{T_m} \frac{\partial^2 T}{\partial y^2} - k_0(C - C_\infty), \quad (5)$$

The partial derivative DOW is missing in Eqs. (3–5) in the original publication. The corrected equations are shown below.

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$$\begin{aligned} \frac{1}{\varepsilon^2} \left(u \frac{\partial u}{\partial x} + v \frac{\partial u}{\partial y} \right) &= \frac{v}{\varepsilon} \left(1 + \frac{1}{\beta} \right) \frac{\partial^2 u}{\partial y^2} + \frac{\sigma}{\rho} (E_0 B_0 - B_0^2 u) \\ &- \frac{v}{k_1} u - \frac{C_b}{\sqrt{k_1}} u^2 + g\beta_T (T - T_\infty) + g\beta_C (C - C_\infty), \end{aligned} \quad (3)$$

$$\begin{aligned} u \frac{\partial T}{\partial x} + v \frac{\partial T}{\partial y} &= \frac{k}{\rho C_p} \frac{\partial^2 T}{\partial y^2} + \frac{16\sigma^*}{3k^* \rho C_p} \frac{\partial}{\partial y} \left(T^3 \frac{\partial T}{\partial y} \right) \\ &+ \frac{\mu}{\rho C_p} \left(1 + \frac{1}{\beta} \right) \left(\frac{\partial u}{\partial y} \right)^2 + \frac{\sigma}{\rho C_p} (u B_0 - E_0)^2, \end{aligned} \quad (4)$$

The original article can be found online at <https://doi.org/10.1007/s42452-019-1159-z>.

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