**Erratum: Directed long-range transport of a nearly pure component
atom clusters by the electromigration of a binary surface alloy
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While rereading the paper, I found that Eq. (15) and the second equation in the set (17) were printed with errors. The correct equations read:

$$\frac{\partial C_B}{\partial t} = -\nabla \cdot [F_e \mathbf{\Omega}_B - \mathbf{\Sigma}_B + (\mathbf{\Sigma}_A + \mathbf{\Sigma}_B - F_e \mathbf{\Omega}_A - F_e \mathbf{\Omega}_B) C_B], \quad (15)$$

$$\mathbf{\Omega}_A = [Q\bar{L}_{AA} + \bar{L}_{AB}] \begin{pmatrix} \cos \phi_E \\ \Lambda \sin \phi_E \end{pmatrix}, \quad \mathbf{\Omega}_B = [Q\bar{L}_{AB} + \bar{L}_{BB}] \begin{pmatrix} \cos \phi_E \\ \Lambda \sin \phi_E \end{pmatrix}. \quad (17)$$

All computations were done using these correct equations, not the erroneous printed versions.

Also, the statement on page 4, “We point out for the interested reader that Eq. (15) does not have a divergence form that is expected for a standard diffusion equation. Due to the terms $-\mathbf{v} \cdot \nabla X_A$ and $-\mathbf{v} \cdot \nabla X_B$ in Eqs. (7), this equation contains the convective terms $-(\mathbf{\Sigma}_A + \mathbf{\Sigma}_B - F_e \mathbf{\Omega}_A - F_e \mathbf{\Omega}_B) \cdot \nabla C_B$,” must be disregarded, as it gives the wrong impression that the governing equation does not conserve mass. Obviously, the above correct form, Eq. (15), does conserve mass. This is also clear from Eqs. (7).

When the analysis on pages 8 and 9 is repeated for the corrected Eq. (15), the conclusions are not changed.