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Publisher Correction: Agonist-antagonist muscle strain in the residual limb preserves motor control and perception after amputation

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Correction to: *Communications Medicine* <https://doi.org/10.1038/s43856-022-00162-z>, published online 05 August 2022.

The original PDF version of this article contained errors in equations 3, 4 and 5. In equation 3, the second term was written as ' $\text{acos}(\mathbf{u}_i^T \cdot \frac{\mathbf{c}_i(t)}{\|\mathbf{c}_i(t)\|})$ ' but should have been written as ' $\text{acos}(\mathbf{u}_i^T \cdot \frac{\mathbf{c}_i(t)}{\|\mathbf{c}_i(t)\|})$ '. In equation 4, the second and third terms were written as ' $(\text{acos}(\mathbf{u}_{PF}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}) - \text{acos}(\mathbf{u}_{DF}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}))$ ' but should have been written as ' $(\text{acos}(\mathbf{u}_{PF}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}) - \text{acos}(\mathbf{u}_{DF}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}))$ '. In equation 5, the second and third terms were written as ' $(\text{acos}(\mathbf{u}_{IN}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}) - \text{acos}(\mathbf{u}_{EV}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}))$ ' but should have been written as ' $(\text{acos}(\mathbf{u}_{IN}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}) - \text{acos}(\mathbf{u}_{EV}^T \cdot \frac{\mathbf{U}_s(t)}{\|\mathbf{U}_s(t)\|}))$ '. These equations have now been corrected in the PDF. The equations in the HTML version were published correctly and remain unchanged.

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