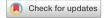
## scientific reports



Published online: 14 December 2021

## **OPEN Publisher Correction: Conveyance** of texture signals along a rat whisker

Maysam Oladazimi, Thibaut Putelat, Robert Szalai, Kentaro Noda, Isao Shimoyama, Alan Champneys & Cornelius Schwarz

Correction to: Scientific Reports https://doi.org/10.1038/s41598-021-92770-3, published online 30 June 2021

The original version of this Article contained a repeated error in Equation 4 and 7 where an apostrophe was omitted from the variables "y", "x", and "M".

As a result, in Equation 4,

$$s = \int_{x_0}^{x} \sqrt{1 + \left(\frac{dy}{dx}\right)^2} dx, \quad \kappa = x'(s)y'(s) - y'(s)x'(s),$$

now reads:

$$s = \int_{x_0}^{x} \sqrt{1 + \left(\frac{dy}{dx}\right)^2} dx, \quad \kappa = x'(s)y''(s) - y'(s)x''(s),$$

In Equation 7,

$$\rho A(s)\ddot{x} = f', \quad \rho A(s)\ddot{y} = g', \quad \rho I(s)\ddot{\theta} = M + g\cos\theta - f\sin\theta,$$

now reads:

$$\rho A(s)\ddot{x} = f', \quad \rho A(s)\ddot{y} = g', \quad \rho I(s)\ddot{\theta} = M' + g\cos\theta - f\sin\theta,$$

The original article has been corrected.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2021