

**Localized topological changes of the plasma membrane upon exocytosis visualized by polarized TIRFM**

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The authors have requested the following corrections:

In the discussion of the polar coordinate system leading to Eq. (1), the azimuthal angle  $\phi$  is ambiguously defined as “measured around the z axis.” A more conventional precise definition is “measured around the z axis starting from the x axis.” With this standard definition, the expression for  $S$  in Eq. (1) should contain the factor  $\sin^2\phi$  instead of  $\cos^2\phi$ . (The factor  $\cos^2\phi$  is correct only if  $\phi$  is understood to be measured from the y axis.) All of the geometrical models considered in the paper are azimuthally isotropic, so the starting axis for measuring  $\phi$  makes no difference whatsoever in the subsequent analysis.

Also, in the equation for orientational distribution  $\eta(plane)$ , shown before Eq. (5), the delta function factor  $\delta(\theta - \pi/2)$  is best written as  $\delta(\cos\theta)$ . This makes no difference for the particular case here, but a  $\delta$ -function distribution at any general polar angle  $\theta_0$  must be written as  $\delta(\cos\theta - \cos\theta_0)$ .

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