Erratum to: FIGARO: The new horizontal neutron reflectometer at the ILL

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Equation (4) was erroneously written as

$$\left(\frac{1}{X_2} - \frac{1}{X_1}\right) \cdot kx'^2 + \left(\frac{\tan(\theta) \cdot \left(\frac{1}{X_1} - \frac{1}{X_2}\right) + X_2}{X_1 - \frac{X_1}{X_2}}\right) \cdot x' + (X_1 - X_2) \cdot k = 0 \quad (4)$$

while it should read

$$\left(\frac{1}{X_2} - \frac{1}{X_1}\right) \cdot kx'^2 + \left(\left(\tan(\theta) \cdot \left(\frac{1}{X_1} - \frac{1}{X_2}\right)\right) + \left(k \left(\frac{X_2}{X_1} - \frac{X_1}{X_2}\right)\right)\right) \cdot x' + (X_1 - X_2) \cdot k = 0. \quad (4)$$

While a text-processing error led to the wrong equation being included in the published article, the correct equation was in fact used in the stated calculation of x' , *i.e.*, $x' = 22.6$ mm for 30 Å neutrons with input values of $X_1 = 368$ mm, $X_2 = 2533$ mm and $\theta = 0.62^\circ$. The correct equation has also always been used in the COSMOS data reduction software for FIGARO.

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