Erratum: Nucleon Matrix Elements of the Antisymmetric Quark Tensor [Phys. Rev. Lett. **122**, 122001 (2019)]

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We correct normalization and slope of the nucleon tensor form factors $F_{2,T}^{s,N}$, $F_{3,T}^{s,N}$ in the original Letter due to incorrect input for the strangeness form factors.

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The estimates for the normalization and slope of the form factors $F_{2,T}^{s,N}$, $F_{3,T}^{s,N}$ in [1] rely on input for the strangeness magnetic moment as well as electric and magnetic radii, $\mu^s = 0.006(4)$, $\langle r_{E,s}^2 \rangle^N = 0.0012(9) \text{ fm}^2$, $\langle r_{M,s}^2 \rangle^N = 0.0014(27) \text{ fm}^2$, as taken from [2]. However, these quantities include a charge factor $-1/3$, and accordingly should be multiplied by -3 to correspond to the standard conventions for nucleon strangeness form factors. The corrected values are given in Table I, together with an update from the more recent calculation [3], which finds $\mu^s = -0.017(4)$, $\langle r_{E,s}^2 \rangle^N = -0.0048(6) \text{ fm}^2$, $\langle r_{M,s}^2 \rangle^N = -0.015(9) \text{ fm}^2$.

TABLE I. Normalizations and slopes for the nucleon tensor form factors $F_{2,T}^{s,N}$, $F_{3,T}^{s,N}$. The first two rows refer to the corrected input from [2], the last two rows to the more recent calculation [3].

Form factor	Normalization	Slope [GeV^{-2}]	Strangeness input
$F_{2,T}^{s,N}$	0.009(10)	0.011(23)	[2]
$F_{3,T}^{s,N}$	-0.005(5)	-0.002(12)	
$F_{2,T}^{s,N}$	0.009(5)	0.041(26)	[3]
$F_{3,T}^{s,N}$	-0.004(3)	-0.015(13)	

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