CORRIGENDUM TO THE PAPER CS. VINCZE, AVERAGE METHODS AND THEIR APPLICATIONS IN DIFFERENTIAL GEOMETRY I

CSABA VINCZE

Formula

$$\int_{\partial K_p} f\,\mu = \int_{\partial K_p^*} f\left(\frac{F^*}{F}\right)^n \sqrt{\det g_{ij}}\,\mu^* = \int_{\partial K_p^*} f\left(\frac{F^*}{F}\right)^{n-1} \mu \tag{1}$$

is the correct form of formula (5) in [1] under the notations $\partial K = \partial K_p$, $\partial B = \partial K_p^*$ and $\varphi = \dfrac{F^*}{F}$. Note that

$$\frac{F^*}{F}\sqrt{\det g_{ij}}\ \mu^* = \mu.$$

References

[1] Cs. Vincze, *Average methods and their applications in differential geometry* I, Journal of Geom. and Physics **92** (2015), pp. 194-209, arXiv:1309.0827.

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