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Corrigendum

Corrigendum to "A formula for the action of Hecke operators on half-integral weight Siegel modular forms and applications" [J. Number Theory 133 (5) (2013) 1608–1644]

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The author regrets an error in Theorem 1.2, specifically:

On the right-hand side of Theorem 1.2, a normalised Gauss sum $(\det D)^{1/2}\mathcal{G}_B(D)$ is missing; here

$$\mathcal{G}_B(D) = \sum_{G \in \mathbb{Z}^{1,n}/\mathbb{Z}^{1,n}\,{}^tD} \mathrm{e}\{2\,{}^tGGBD^{-1}\}.$$

(Note that with $\left(\begin{smallmatrix} A & B \\ C & D \end{smallmatrix}\right) \in Sp_n(\mathbb{Z})$, $\mathcal{G}_B(D) = \mathcal{G}_{-{}^tC}({}^tD)$.) Lemma 2.1 follows since $\mathcal{G}_{pB}(d) = (\frac{p}{|\det D|})\mathcal{G}_B(D)$; Lemma 3.3 follows since $\mathcal{G}_{X_jBX_j}(X_j^{-1}DX_j) = \mathcal{G}_B(D)$; for Theorem 7.4, note that $\mathcal{G}_{\left(\begin{smallmatrix} B \\ 0 \end{smallmatrix}\right)}\left(\left(\begin{smallmatrix} D & \\ & 1 \end{smallmatrix}\right)\right) = \mathcal{G}_B(D)$.