

**ERRATUM TO
“ON A CONJECTURE OF KOIKE
ON IDENTITIES BETWEEN THOMPSON SERIES
AND ROGERS-RAMANUJAN FUNCTIONS”**

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ABSTRACT. This note gives a correction to formula (A.18) of Appendix A.

The correct formula in (A.18) should read

$$u_{54,1}(z)u_{27,2}(z) = T_{54+} + 1 = e^{\frac{-\pi i}{6}} \cdot \frac{\eta(z+1/3)\eta(2z+1/3)\eta(3z+2/3)\eta(6z+2/3)}{\eta(3z)\eta(6z)\eta(9z)\eta(18z)} + e^{\frac{2\pi i}{6}}.$$

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REFERENCES

- [1] K. Bringmann and H. Swisher, *On a conjecture of Koike on identities between Thompson series and Rogers-Ramanujan functions*, Proc. Amer. Math. Soc., **135** (2007), 2317–2326. MR2302552

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