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# Erratum: Vertices of the least concave majorant of Brownian motion with parabolic drift 

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This corrects the scaling of (2.9) in [1]
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It has been brought to my attention by Svante Janson ([2]) that formula (2.9) of part (iii) of Lemma 2.1 in [1] is scaled incorrectly. The correct formulation is:
(iii) The random variable $V(0)$ has characteristic function

$$
E e^{i t V(0)}=\frac{1}{2 \pi} \int_{u=-\infty}^{\infty} \frac{d u}{\operatorname{Ai}(i u) \operatorname{Ai}\left(i\left(2^{-1 / 3} t+u\right)\right)}, t \in \mathbb{R} .
$$

Part (iv), which is deduced from (iii), is still correct, as is the derivation of (iv) on the same page, since the factor $2^{-2 / 3}$ arises from differentiating the characteristic function of $V(0)$ in (iii) twice with respect to $t$ at $t=0$.

## References

[1] Piet Groeneboom, Vertices of the least concave majorant of Brownian motion with parabolic drift, Electron. J. Probab. 16 (2011), no. 84, 2234-2258. MR-2861676
[2] Svante Janson, Moments of the location of the maximum of brownian motion with parabolic drift, Electron. Commun. Probab. 18 (2013), no. 15, 1-8.

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