

Erratum: Pfaffian solution of a dimer-monomer problem: Single monomer on the boundary [Phys. Rev. E **74, 020104(R) (2006)]**

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(Received 3 September 2006; published 27 September 2006)

DOI: [10.1103/PhysRevE.74.039907](https://doi.org/10.1103/PhysRevE.74.039907)

PACS number(s): 05.50.+q, 04.20.Jb, 02.10.Ox, 99.10.Cd

The expression Eq. (15) for Q is missing a sign $(-1)^{(M-1)/2}$, which is also the sign of P . $G(x,y)$ in both Eqs. (2) and (20) should be replaced by $i^{(M-1)/2}G(x,y)$, so that the correct Eq. (2) reads

$$i^{(M-1)/2}G(x,y) = \text{Pf}(A') = \sqrt{\text{Det } A'}.$$

This is because the term in the Pfaffian corresponding to the dimer covering in Fig. 1(c) has a phase factor $i^{(M-1)/2}$, where $(M-1)/2$ is the number of horizontal dimers in the figure, and all terms in the Pfaffian carry the same factor. Introducing the sign $(-1)^{(M-1)/2}$ of P as cited in the above into Eq. (20), the factor $i^{(M-1)/2}$ is canceled and Eq. (20) leads to the expression (1) for $G(x,y)$.