

# Addendum to: Dynamics around the double resonance

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In the end of Section 5 of the paper [Ch], we added the sentence *the conjecture of Arnold diffusion for positive definite Hamiltonian turns out to be a theorem for  $n = 3$* , in page 219, during the proofreading, without the knowledge of the referee or the editors.

Since the referee thinks the statement needs to be justified, we shall show how it is proved in a forthcoming publication.

## References

- [Ch] C.-Q. Cheng, Dynamics around the double resonance, *Cambridge J. Mathematics*, **5**(2) (2017) 153–228. [MR3653060](#)

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