

CORRECTION

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# Publisher Correction: Numerical simulation of water entry problems considering air effect using a multiphase Riemann-SPH model



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The original article can be found online at <https://doi.org/10.1186/s42774-021-00066-x>.

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**Correction to: Adv Aerodyn 3, 13 (2021)**

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After publication of this article [1], it is noticed the article contained some errors. The details are listed below:

1) Page 3:

In the sentence ‘ $c_a$  and  $c_b$  denote the sound of speed of particles  $a$  and  $b$ , respectively.’, ‘sound of speed’ should be corrected to ‘speed of sound’.

2) Page 4:

In the sentence ‘where  $\rho_0$  and  $c_0$  denote the initial density and the artificial sound of speed, respectively.’, ‘sound of speed’ should be corrected to ‘speed of sound’.

3) Page 11:

In the sentence ‘Specifically, the pressure peaks obtained by the multiphase SPH method with the real sound speed of air are in better agreement with the experimental data...’

‘sound speed of air’ should be corrected to ‘speed of sound in air’.

We apologize for the inconvenience caused.

The original article has been updated.

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## Reference

1. Meng ZF, Ming FR, Wang PP, Zhang AM (2021) Numerical simulation of water entry problems considering air effect using a multiphase Riemann-SPH model. *Adv Aerodyn* 3(1):13. <https://doi.org/10.1186/s42774-021-00066-x>