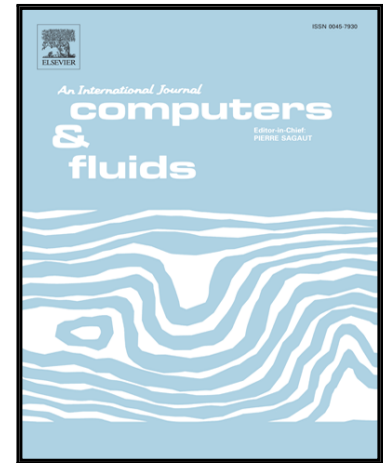


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An overset mesh based multiphase flow solver for water entry problems

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Highlights

- An overset mesh based multiphase flow solver for ship slamming is proposed.
- The method can handle moving bodies with large amplitude motions in air and waves.
- The method can successfully avoid non-physical oscillations on solid boundaries.
- 5 • The method can accurately predict the slamming loads on structures.

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