

Accepted Manuscript

A boundary element-vortex particle hybrid method with inviscid shedding scheme

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PII: S0045-7930(18)30165-8
DOI: [10.1016/j.compfluid.2018.03.062](https://doi.org/10.1016/j.compfluid.2018.03.062)
Reference: CAF 3823



To appear in: *Computers and Fluids*

Received date: 27 June 2016
Revised date: 29 September 2017
Accepted date: 20 March 2018

Please cite this article as: Youjiang Wang, Moustafa Abdel-Maksoud, Baowei Song, A boundary element-vortex particle hybrid method with inviscid shedding scheme, *Computers and Fluids* (2018), doi: [10.1016/j.compfluid.2018.03.062](https://doi.org/10.1016/j.compfluid.2018.03.062)

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Highlights

- Converting one constant-strength dipole panel to multiple vortex particles.
- Determine inter-particle spacing according to the boundary layer thickness.
- Both steady and oscillating hydrofoils are modelled.
- The convergence with regard to panel size and time step is investigated.

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