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Computational free-surface fluid–structure interaction with application to floating offshore wind turbines

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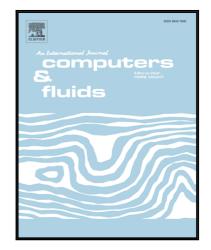
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Highlights

- A novel free-surface FSI formulation is proposed
- An efficient computational algorithm for free-surface FSI is outlined
- A numerical wave generation procedure is described
- FSI simulations of full-scale floating wind turbine are presented

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