Assessing the impact of model simplifications during an experimental campaign of a floating wind turbine

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ABSTRACT

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1. Introduction

Ensaio com SIL com algumas limitações

2. Description of the prototype and the modifications adopted in the experimental model

Tabela comparando o projeto inicial e a que foi construída

3. Numerical models

4. The impact of model simplifications on the response of the FOWT

- Comparar resultados das simulações nas condições reais e identificar diferenças pro modelo que é mais próximo do ensaio.

- Usar simulações intermediárias p/ explicar essas diferenças

5. Conclusions

CRediT authorship contribution statement

Lucas H. S. Carmo: Conceptualization, Methodology, Software, Validation, Formal analysis, Writing – original draft. **Alexandre N. Simos:** Conceptualization, Formal analysis, Writing – review, Supervision. **Pedro C. de Mello:** Experiments.

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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