

Presentation of an algorithm to assess the crashworthiness of an offshore wind turbine jacket using analytical formulations

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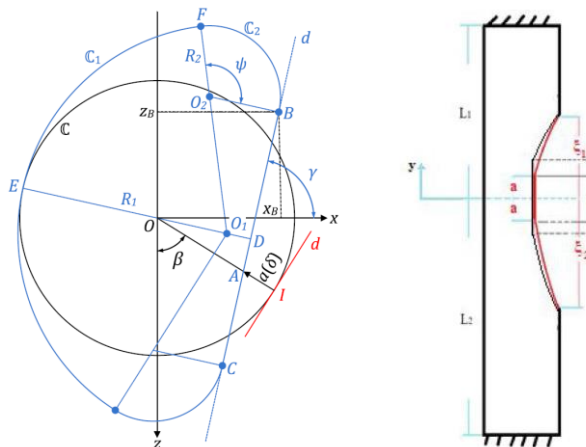
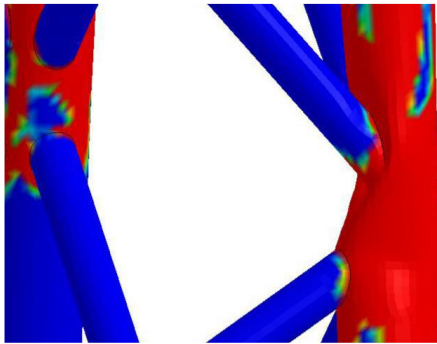


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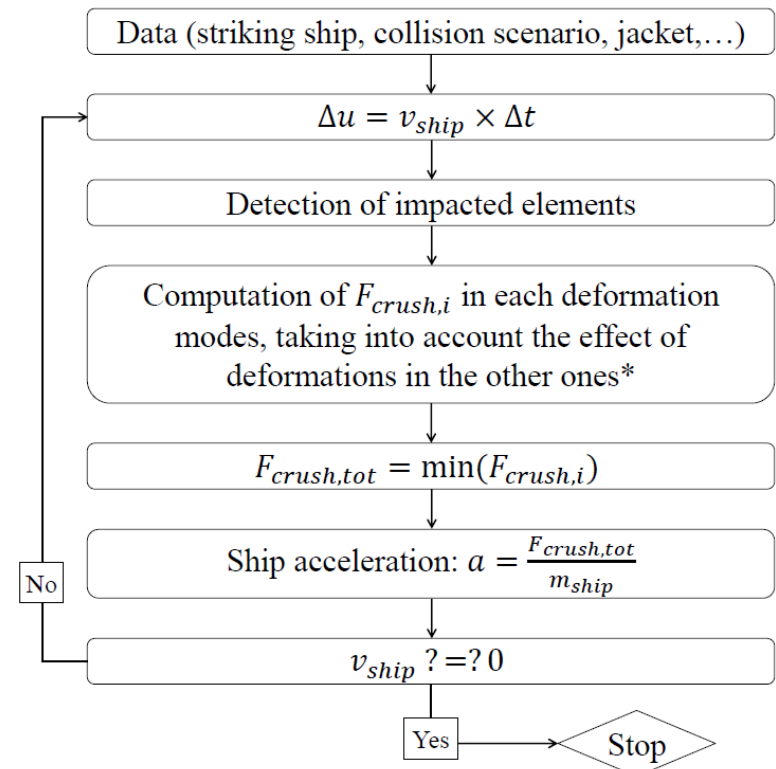


Methodology

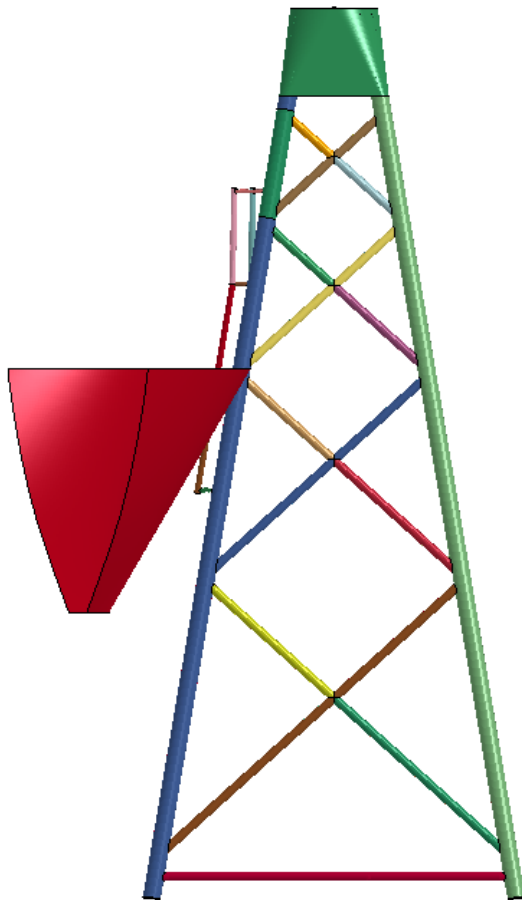
- Analytical formulations for each deformation modes



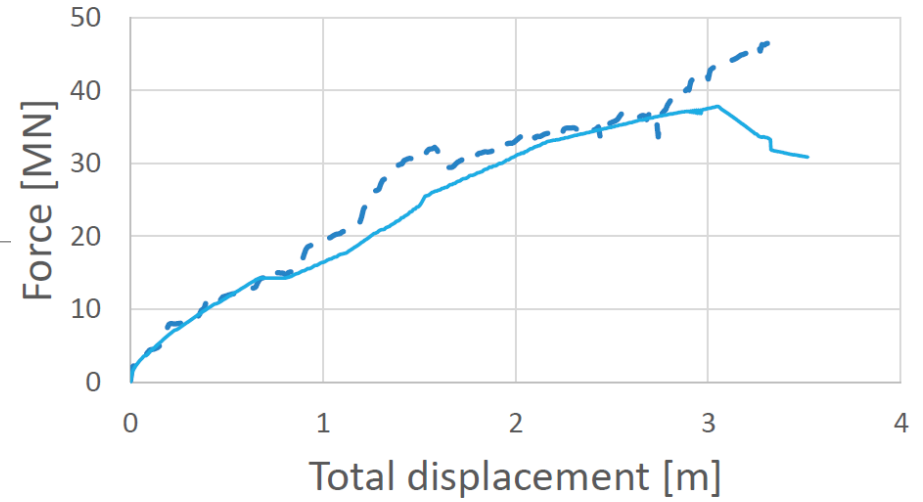
- Global algorithm to combine all the deformation modes



Results



Resultant force



Internal energy

