



## Actual Stress Estimation

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## Actual Stress Estimation

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The entire design process of offshore structures is based on risk assessments due to high amounts of uncertainties related to the environmental conditions and the material properties which affect the estimated lifetime of the structure.

The purpose is to apply the Operational Modal Analysis (OMA) technique to estimate the actual stress of fixed offshore structures aiming to reduce the uncertainties and extend the lifetime of these platforms.



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