

NPTEL course offered by IIT Madras
Risk and Reliability of Offshore structures
Tutorial 5: Reliability methods

Answer all questions

Total marks: 25

1. Explain First-Order Second Moment (FOSM) method of Reliability analysis
2. Explain Hazofer-Lind method of Reliability analysis
3. Write a brief note on Second-order Reliability method
4. Explain series systems in the context of system reliability
5. Explain parallel systems in the context of system reliability

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