

عنوان مقاله:

HYDRODYNAMIC ANALYSIS OF MOORING SYSTEM MONITORING USING NUMERICAL METHODS

محل انتشار:

دوازدهمین همایش بین المللی سواحل، بنادر و سازه های دریایی (سال: 1395)

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خلاصه مقاله:

There is always a need for continuous development of offshore industries. Several floating structures used in offshore industries, for example crane vessels, semisubmersibles and barges. Relatively, large movements of floating bodies in waves loading cause these vessels to be moored. Mooring of vessels is performed in various ways depending on the floating body geometry, sea state and environmental forces, mooring material, water depth and the junction of mooring lines to the vessel. In the present study, the effect of environmental forces on the mooring lines and mooring of marine vessels was investigated aiming to optimize the mooring system. Floating structures should be able to settle in their operational site using their anchorage. For this purpose, the structure and mooring system for a floating structure envisages to the marine environment is inevitable. Several theoretical studies have been conducted in the field of mooring systems of marine structures.

کلمات کلیدی:

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