

عنوان مقاله:

Progressive Collapse Analysis of a Composite Ship Hull Girder under Vertical Bending using Finite Element Method

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نویسندگان:

Sepideh Jafarzadeh - *Department of Maritime Engineering, Amirkabir University of Technology*

Mohammad Reza Khedmati - *Department of Maritime Engineering, Amirkabir University of Technology*

خلاصه مقاله:

This paper presents the collapse behaviour of a composite ship hull girder under vertical bending. Finite element method is used to provide valuable information regarding moment-curvature relationships and progressive failure characteristics of the composite ship hull girder. The analysis is carried out using ANSYS ۱۲.۰ finite element software. The response of the structure to the incrementally-increased sagging and hogging bending moments has been implemented and studied.

کلمات کلیدی:

.Composite ship hull girder, Vertical bending, Progressive failure, Ultimate strength, Finite Element Method (FEM)

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