

ANALYSE DINAMIQUE SUR LE RÉSERVOIR COMBUSTIBLE

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Abstract

This paper presents the Von Mises stress analyze of a fuel tank, realised in a dynamic regime. The aim of the reearches was to identify the maximum solicitations areas, in order to design a new optimised solution. The MSC/NASTRAN software was used to do the calculation.

Keywords

Dynamic analysis, FEM, fuel tank, optimization, vibrations