

Re-evaluation of the method to determine the probability of damage

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ABSTRACT

The past few years it has become apparent that fundamental application problems can be experienced with the current probabilistic damage stability rules. Added to the fact that the legislation will be adapted as well as broader applied in the new harmonized MSC.80 rules, it may be time for a novel application approach. Such an approach, based on numerical integration of the probability functions, is presented in this paper, along with a dedicated computer program.

KEY WORDS

Probabilistic damage stability; Probability of damage