

FATIGUE FAILURE OF SUBMERGED HOLLOW  
THIN-WALLED WITH FIXED ENDS CYLINDRICAL  
ELEMENT FROM AIRY WAVES ACTION

Abstract

*Time to fatigue failure of submerged definite depth hollow thin-walled cylindrical element, whose ends are fixed to units of construction of shelf for successive action of different Airy waves is defined. At that the criterion taking into account the stress history is used.*