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DELAYED FRACTURE OF THICK TUBE CONTACTING WITH THE  
PLIABLE MEDIUM

Abstract

*In the paper on the base of kinetic theory of Yu.N. Rabotnov damaging by using L.M. Kachanov methodic the problem on scattering destruction situating under the motion of internal pressure of thick pipe is solved, externally contacting with elastic medium modeled by Winkler foundation. The problem is solved in two directions: in interval of elasticity theory and the creeping theory. The formulas for initial incubation period are got. The equations of motion front destruction are constructed and solved. The given estimations indicate on decelerating process of destruction influence of external contact elastic medium.*