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INVERSE CREEP OF INFINITE HEREDITARILY ELASTOPLASTIC PLATE WITH HOLE AFTER INSTANTANEOUS REMOVAL OF INTERNAL PRESSURE

Abstract

In this paper we define the stress, deformation, and displacement (including residual) components which have infinite hereditarily elastoplastic plate with circular hole after instantaneous removal of uniform pressure applied along the contour of the given hole under the general conditions that loading and instantaneous unloading processes are described by the Volterra type nonlinear relations of second kind.