

## CRACK WITH BONDINGS BETWEEN FACES IN RIB REINFORCED

### Abstract

*Interaction of reinforcing rib on growth of crack with bondings between faces is investigated.*

*The equilibrium boundary value problem of crack with bondings between faces in rib reinforced plate in action of environmental tensile load is reduced to non-linear singular integrodifferential equation.*

*The normal forces in bondings is found from solution of this equation. The condition of limit equilibrium of crack with end zone is formulated subject to criterion of limit draft of bond.*