

**ABOUT EXISTENCE AND UNIQUENESS OF WEAK
SOLUTION FOR THE INITIALBOUNDARY VALUE
PROBLEM FOR FOIGHT LIQUID MOTION IN DOMAIN
WITH TIMEDEPENDENT BOUNDARY**

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In work the resolvability of the initial-boundary value problem for Foight liquid motion in domain with time-dependent boundary is studied. Namely, for the given initial-boundary value problem the concept of the weak solution is introduced and its existence and uniqueness is proved.